

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072118\
 Data File : VX003588.D
 Acq On : 22 Jul 2018 07:14
 Operator : JC/SP
 Sample : J4028-03MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY030LC068-W-180716MSD

Manual Integrations
 APPROVED

MMDadoda
 7/23/2018 3:20:08 PM

Quant Time: Jul 23 07:01:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 17:09:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	272017	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	380861	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	350837	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	213433	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	158825	49.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.66%	
35) Dibromofluoromethane	5.51	113	162247	55.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.86%	
50) Toluene-d8	8.72	98	547575	50.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.44%	
62) 4-Bromofluorobenzene	11.14	95	199274	50.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	112080	51.93	ug/l	94
3) Chloromethane	1.32	50	146970	55.02	ug/l	95
4) Vinyl Chloride	1.41	62	159803	46.25	ug/l	97
5) Bromomethane	1.64	94	82180	60.29	ug/l	98
6) Chloroethane	1.72	64	112453	54.99	ug/l	95
7) Trichlorofluoromethane	1.93	101	240037	52.07	ug/l	95
8) Diethyl Ether	2.19	74	101117	51.07	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	2.39	101	147126	48.76	ug/l	98
10) Methyl Iodide	2.51	142	210554	58.09	ug/l	96
11) Tert butyl alcohol	3.07	59	149015	233.87	ug/l	100
12) 1,1-Dichloroethene	2.37	96	139905	50.36	ug/l	95
13) Acrolein	2.29	56	53907	187.25	ug/l	98
14) Allyl chloride	2.73	41	240101	48.82	ug/l	87
15) Acrylonitrile	3.15	53	412962	254.57	ug/l	97
16) Acetone	2.45	43	322551	265.20	ug/l #	88
17) Carbon Disulfide	2.57	76	368977	49.11	ug/l	95
18) Methyl Acetate	2.78	43	178881	46.65	ug/l #	90
19) Methyl tert-butyl Ether	3.20	73	489221	53.92	ug/l	93
20) Methylene Chloride	2.85	84	164213	55.31	ug/l #	82
21) trans-1,2-Dichloroethene	3.16	96	152775	49.42	ug/l	87
22) Diisopropyl ether	3.87	45	525992	56.84	ug/l	98
23) Vinyl Acetate	3.83	43	1767800	231.90	ug/l #	91
24) 1,1-Dichloroethane	3.70	63	294506	54.24	ug/l	99
25) 2-Butanone	4.71	43	539521	264.39	ug/l	97
26) 2,2-Dichloropropane	4.59	77	131204	31.81	ug/l	90
27) cis-1,2-Dichloroethene	4.60	96	181434	52.71	ug/l	92
28) Bromochloromethane	5.02	49	126139	53.15	ug/l #	82
29) Tetrahydrofuran	5.17	42	363425	269.60	ug/l	93
30) Chloroform	5.23	83	304361	57.40	ug/l	92
31) Cyclohexane	5.58	56	249218	51.37	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	251282	55.34	ug/l	95
36) 1,1-Dichloropropene	5.80	75	199090	48.42	ug/l	96
37) Ethyl Acetate	4.87	43	180606	46.41	ug/l #	93
38) Carbon Tetrachloride	5.79	117	209129	51.85	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	226470	46.50	ug/l	93
40) Benzene	6.15	78	609684	49.11	ug/l	99
41) Methacrylonitrile	5.06	41	119264	52.15	ug/l	93
42) 1,2-Dichloroethane	6.20	62	200687	51.30	ug/l	95
43) Isopropyl Acetate	6.46	43	278125	44.93	ug/l #	92
44) Trichloroethene	7.21	130	181737	49.08	ug/l	98
45) 1,2-Dichloropropane	7.52	63	157523	49.97	ug/l	100
46) Dibromomethane	7.67	93	102357	50.43	ug/l	93
47) Bromodichloromethane	7.90	83	192196	51.73	ug/l	97
48) Methyl methacrylate	7.78	41	153288	49.11	ug/l #	82
49) 1,4-Dioxane	7.76	88	60143	850.37	ug/l #	92
51) 4-Methyl-2-Pentanone	8.65	43	968733	247.73	ug/l	91
52) Toluene	8.79	92	390202	49.93	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	214159	46.83	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	197854	48.11	ug/l #	87
55) 1,1,2-Trichloroethane	9.22	97	157634	50.69	ug/l	97
56) Ethyl methacrylate	9.18	69	225726	51.54	ug/l #	80
57) 1,3-Dichloropropane	9.37	76	254448	50.62	ug/l	100
59) 2-Hexanone	9.50	43	711366	245.53	ug/l	86
60) Dibromochloromethane	9.59	129	164736	53.52	ug/l	99
61) 1,2-Dibromoethane	9.68	107	162646	50.45	ug/l	98
64) Tetrachloroethene	9.34	164	206936	48.41	ug/l	99
65) Chlorobenzene	10.14	112	447036	49.45	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	162757	52.33	ug/l	99
67) Ethyl Benzene	10.26	91	732247	50.38	ug/l	99
68) m/p-Xylenes	10.36	106	578778	101.58	ug/l	96
69) o-Xylene	10.70	106	279939	50.81	ug/l	95
70) Stvrene	10.71	104	472747	52.16	ug/l	97
71) Bromoform	10.86	173	131311	54.34	ug/l	99
73) Isopropylbenzene	11.02	105	747120	50.61	ug/l	99
74) N-amyl acetate	6.46	43	278125	44.37	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	11.27	83	218133	50.43	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	191597m	49.97	ug/l	
77) Bromobenzene	11.26	156	210579	49.60	ug/l	95
78) n-propylbenzene	11.36	91	828396	50.49	ug/l	98
79) 2-Chlorotoluene	11.42	91	495656	49.76	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	622990	51.35	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	52717	39.57	ug/l	89
82) 4-Chlorotoluene	11.51	91	579754	49.67	ug/l	97
83) tert-Butylbenzene	11.77	119	608566	51.23	ug/l	94
84) 1,2,4-Trimethylbenzene	11.81	105	634725	51.42	ug/l	97
85) sec-Butylbenzene	11.95	105	722358	50.06	ug/l	99
86) p-Isopropyltoluene	12.07	119	659289	50.91	ug/l	97
87) 1,3-Dichlorobenzene	12.03	146	378933	48.56	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	380624	47.35	ug/l	98
89) n-Butylbenzene	12.39	91	530190	48.21	ug/l	98
90) Hexachloroethane	12.60	117	93786	50.95	ug/l	95
91) 1,2-Dichlorobenzene	12.40	146	381104	49.55	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	41622	49.44	ug/l	81
93) 1,2,4-Trichlorobenzene	13.65	180	273678	48.55	ug/l	99

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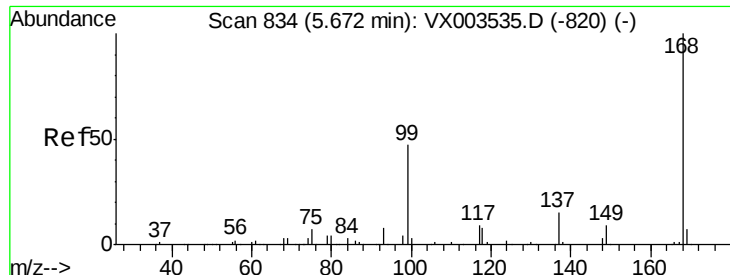
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	125676	46.36	ug/l	99
95) Naphthalene	13.83	128	764687	51.62	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	275080	49.29	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX003588.D

Acq: 22 Jul 2018 07:14

Instrument :

MSVOA_X

ClientSampleId :

KY030LC068-W-180716MSD

Tot Ion:168 Resp: 272017

Ion Ratio Lower Upper

168 100

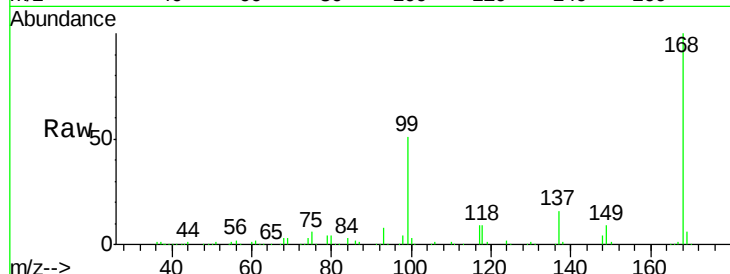
99 50.5 39.3 58.9

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

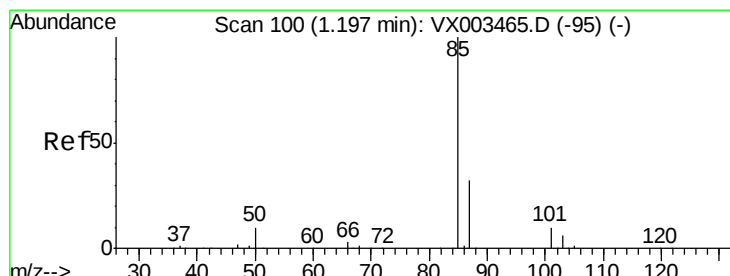
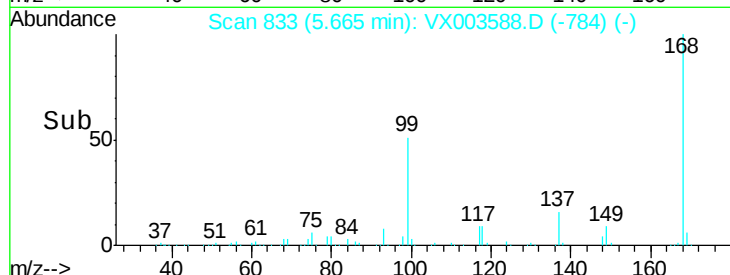
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 51.93 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003588.D

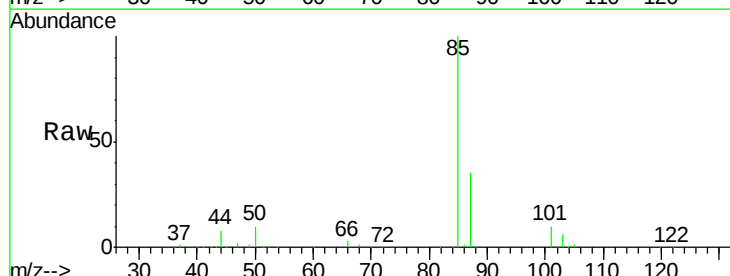
Acq: 22 Jul 2018 07:14

Tgt Ion: 85 Resp: 112080

Ion Ratio Lower Upper

85 100

87 35.4 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

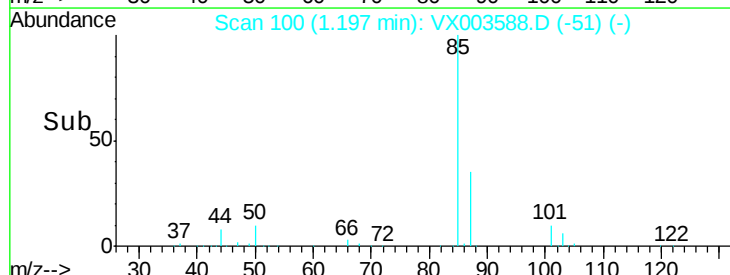
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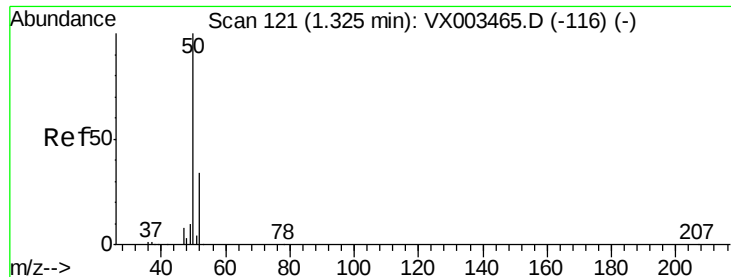
100000

50000

0

Time-->





#3

Chloromethane

Concen: 55.02 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003588.D

Acq: 22 Jul 2018 07:14

Instrument :

MSVOA_X

ClientSampleId :

KY030LC068-W-180716MSD

Tot Ion: 50 Resp: 146970

Ion Ratio Lower Upper

50 100

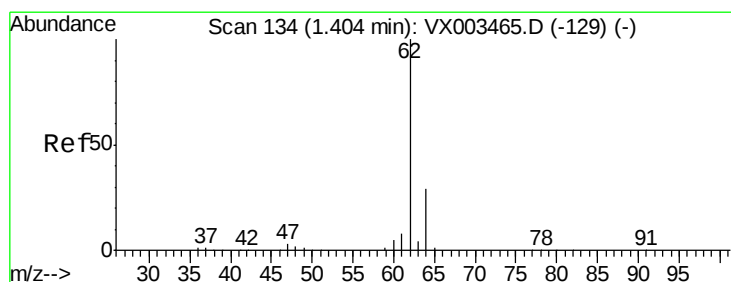
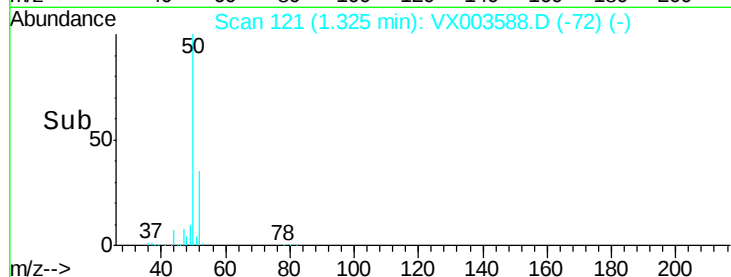
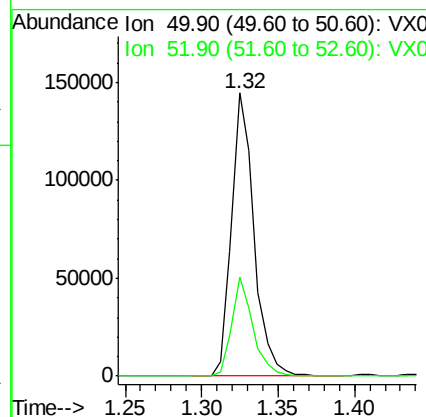
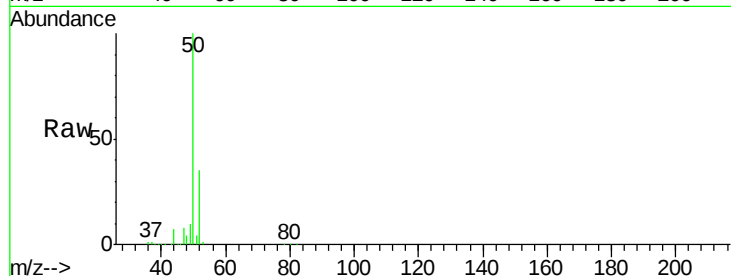
52 35.1 25.7 38.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 46.25 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX003588.D

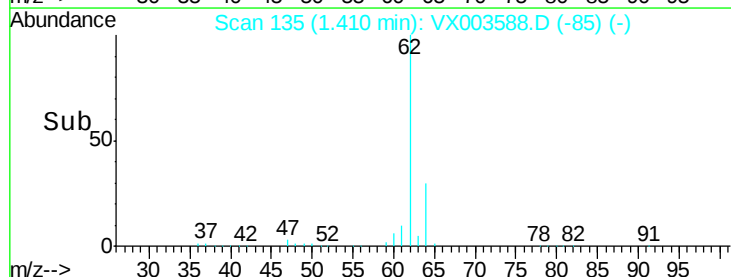
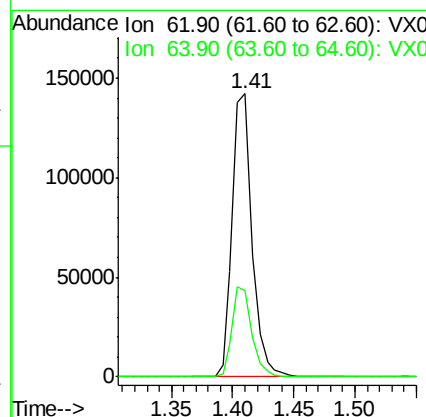
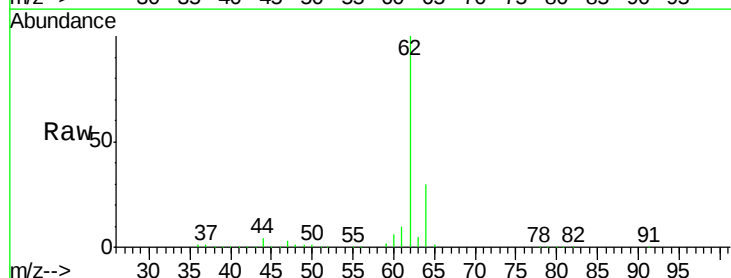
Acq: 22 Jul 2018 07:14

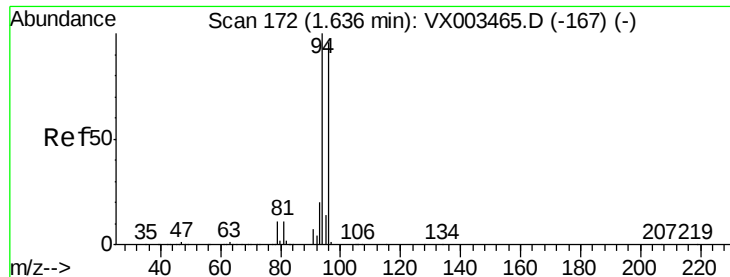
Tgt Ion: 62 Resp: 159803

Ion Ratio Lower Upper

62 100

64 30.3 25.4 38.2





#5

Bromomethane

Concen: 60.29 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003588.D

Acq: 22 Jul 2018 07:14

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 82180

Ion Ratio Lower Upper

94 100

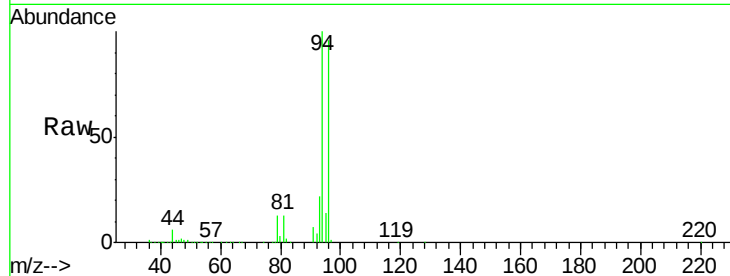
96 95.8 74.9 112.3

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

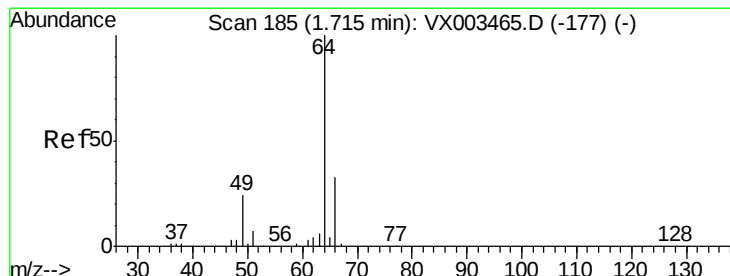
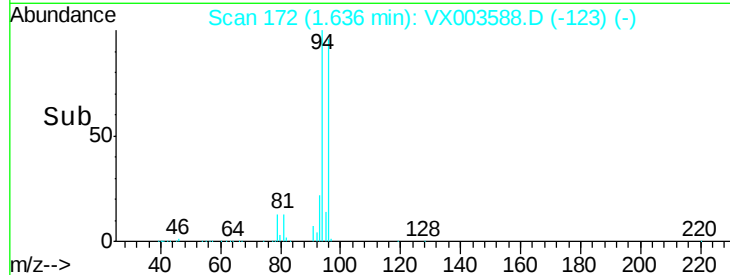
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 54.99 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX003588.D

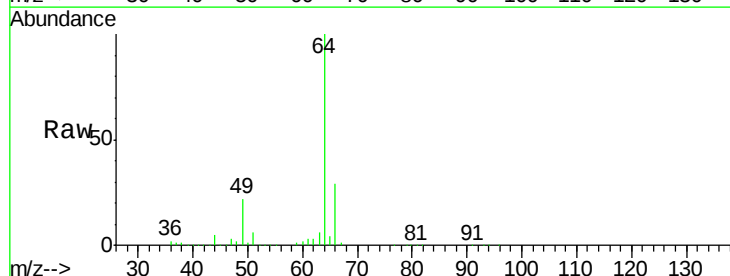
Acq: 22 Jul 2018 07:14

Tgt Ion: 64 Resp: 112453

Ion Ratio Lower Upper

64 100

66 29.3 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

100000

80000

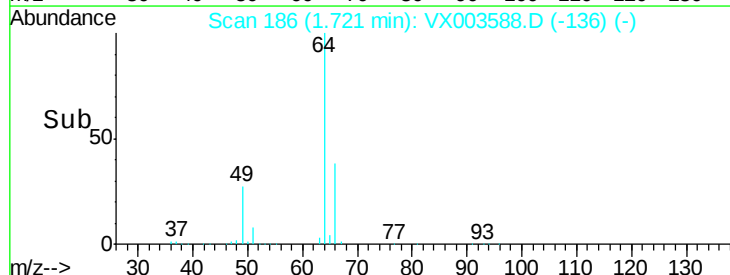
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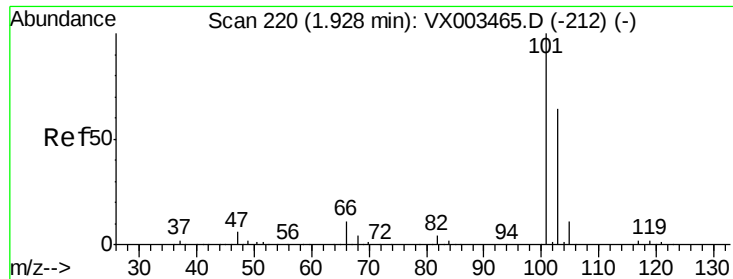
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20000

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Time-->





#7

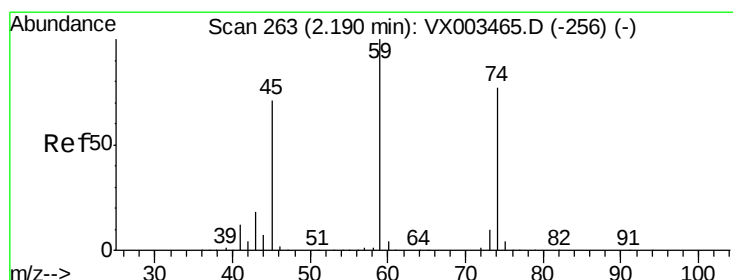
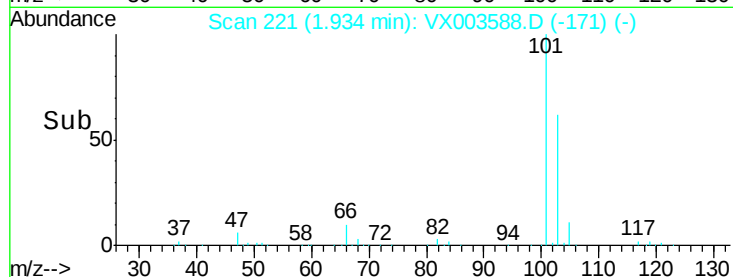
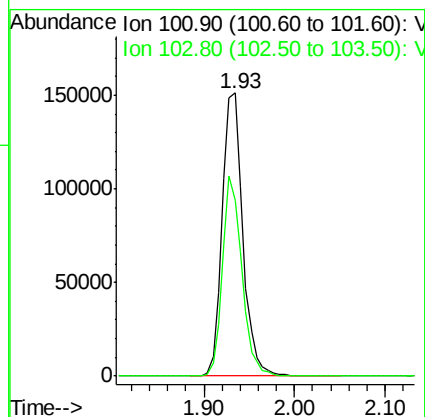
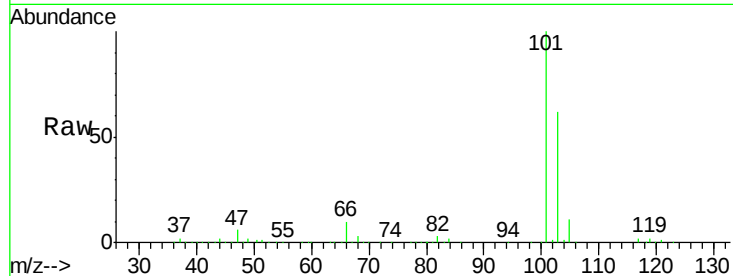
Trichlorofluoromethane
 Concen: 52.07 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. 0.01 min
 Lab File: VX003588.D
 Acq: 22 Jul 2018 07:14

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 KY030LC068-W-180716MSD

Tot Ion:101 Resp: 240037
 Ion Ratio Lower Upper
 101 100
 103 62.1 52.8 79.2

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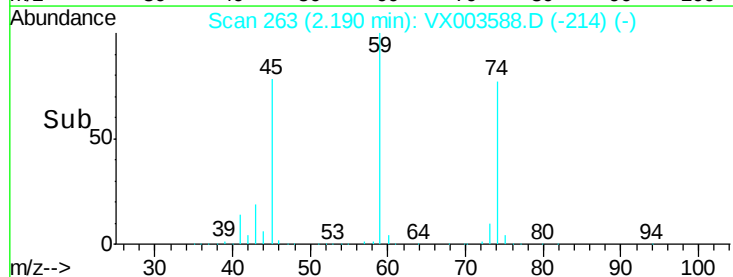
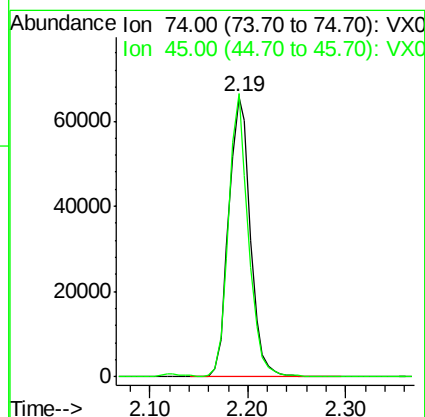
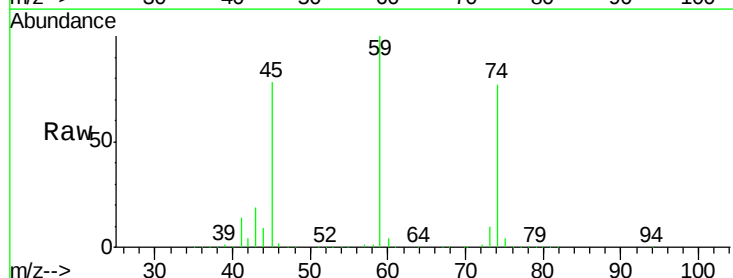
MMDadoda
 7/23/2018 3:20:08 PM

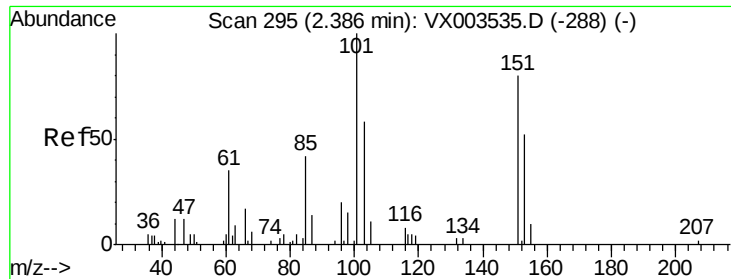


#8

Diethyl Ether
 Concen: 51.07 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX003588.D
 Acq: 22 Jul 2018 07:14

Tgt Ion: 74 Resp: 101117
 Ion Ratio Lower Upper
 74 100
 45 91.8 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.76 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX003588.D

Acq: 22 Jul 2018 07:14

Instrument :

MSVOA_X

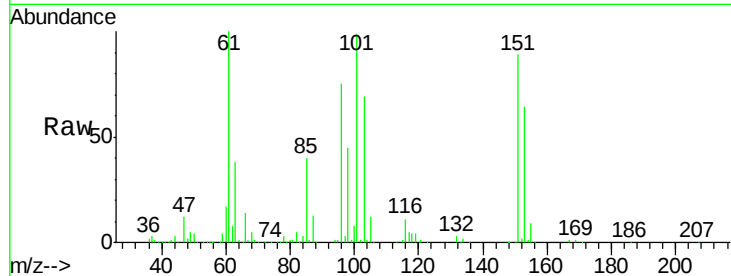
ClientSampleId :

KY030LC068-W-180716MSD

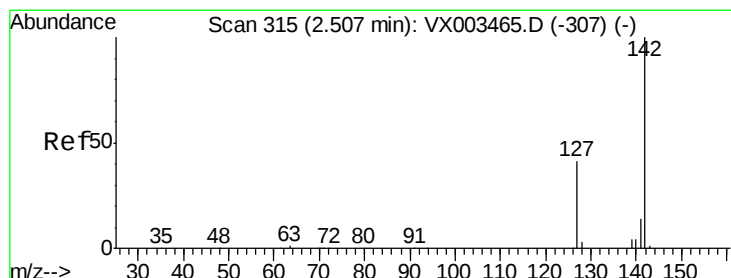
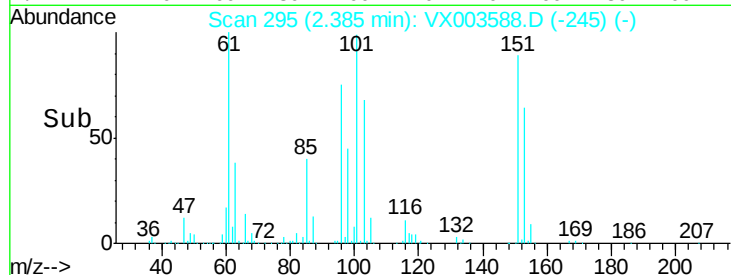
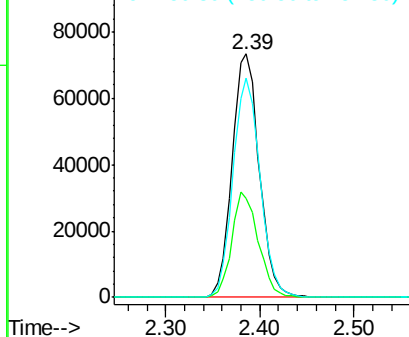
Tot Ion:	101	Resp:	147126
Ion Ratio	Lower	Upper	
101	100		
85	42.1	36.0	54.0
151	89.9	70.9	106.3

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



#10

Methyl Iodide

Concen: 58.09 ug/l

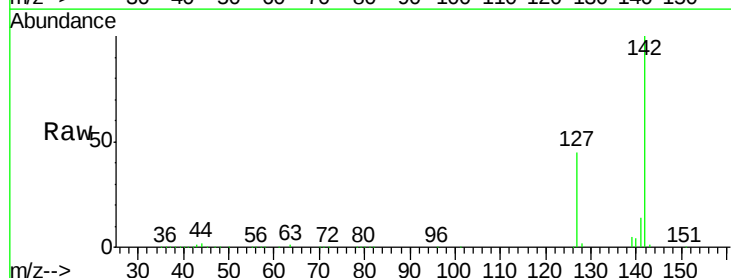
RT: 2.51 min Scan# 316

Delta R.T. 0.01 min

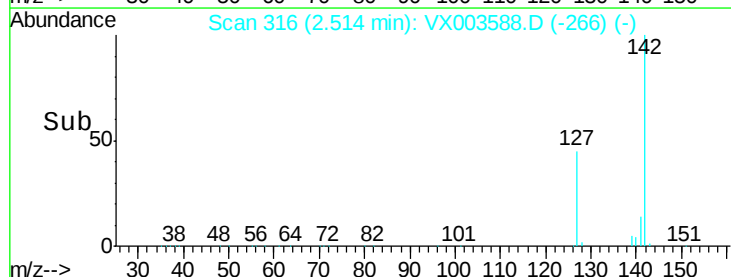
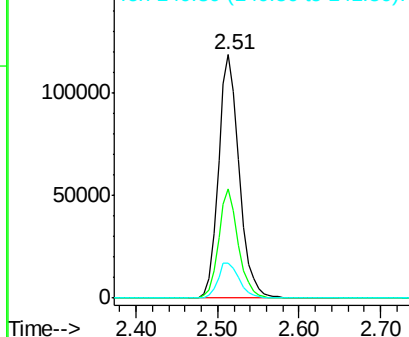
Lab File: VX003588.D

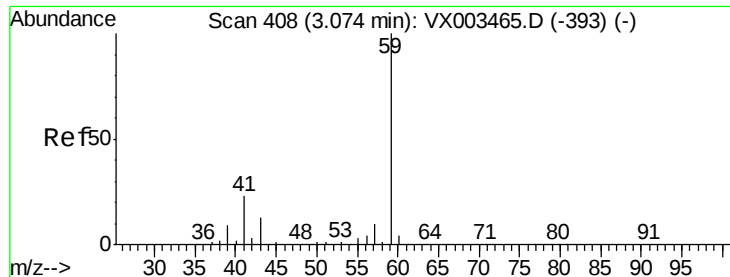
Acq: 22 Jul 2018 07:14

Tgt Ion:	142	Resp:	210554
Ion Ratio	Lower	Upper	
142	100		
127	42.4	36.6	55.0
141	14.9	11.3	16.9



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





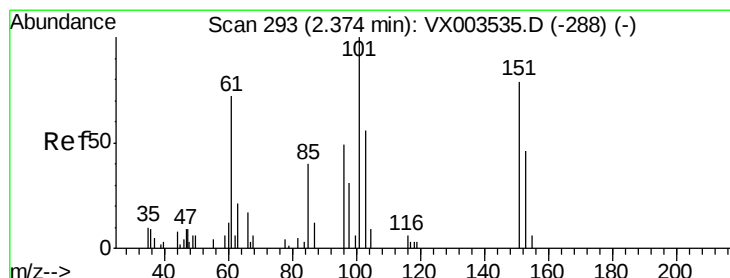
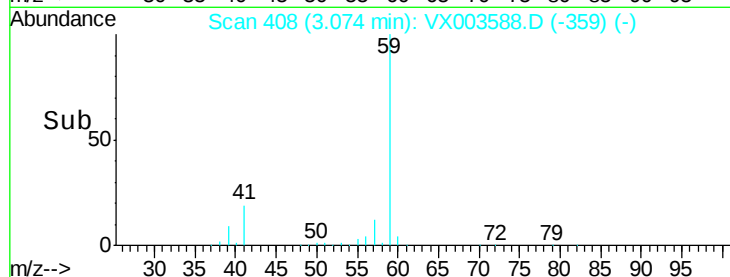
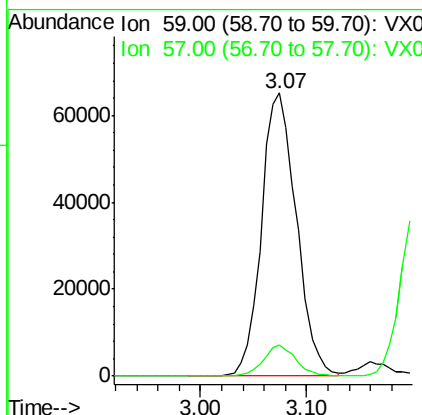
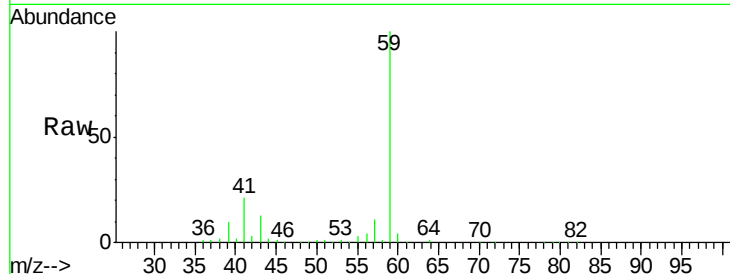
#11
Tert butyl alcohol
Concen: 233.87 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.00 min
Lab File: VX003588.D
Acq: 22 Jul 2018 07:14

Instrument :
MSVOA_X
ClientSampleId :
KY030LC068-W-180716MSD

Tot Ion: 59 Resp: 149015
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.2

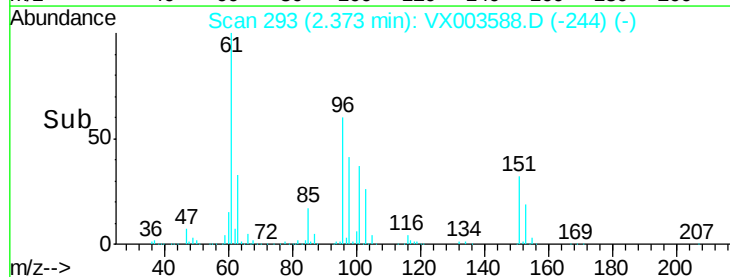
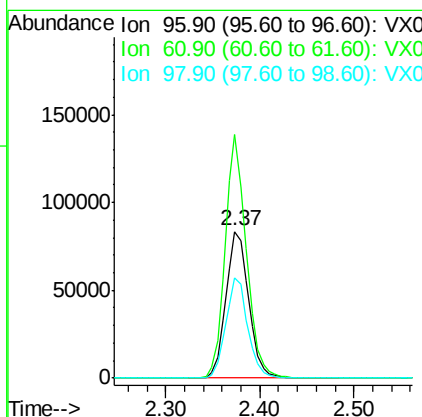
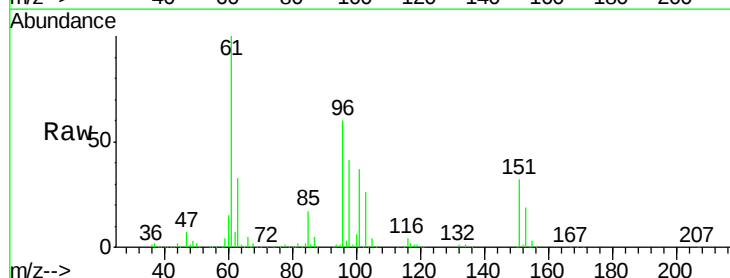
Manual Integrations
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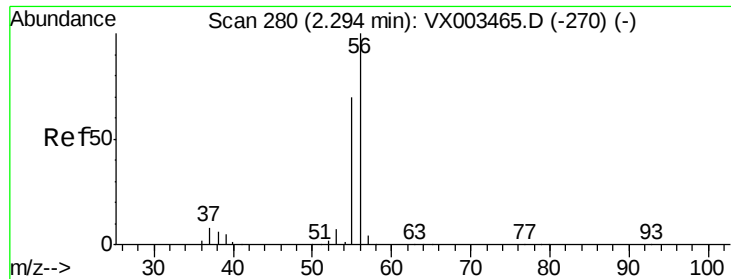
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#12
1,1-Dichloroethene
Concen: 50.36 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX003588.D
Acq: 22 Jul 2018 07:14

Tgt Ion: 96 Resp: 139905
Ion Ratio Lower Upper
96 100
61 165.7 137.9 206.9
98 68.0 51.6 77.4





#13

Acrolein

Concen: 187.25 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX003588.D

Acq: 22 Jul 2018 07:14

Instrument :

MSVOA_X

ClientSampleId :

KY030LC068-W-180716MSD

Tot Ion: 56 Resp: 53907

Ion Ratio Lower Upper

56 100

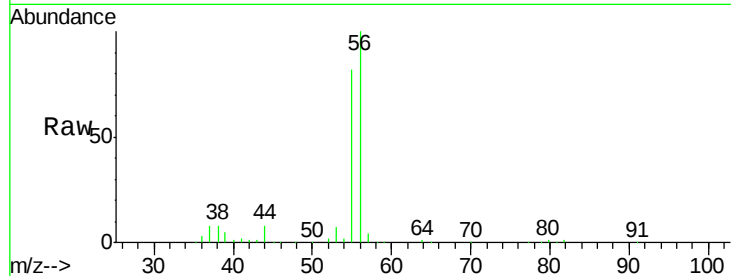
55 73.2 57.0 85.4

Manual Integrations

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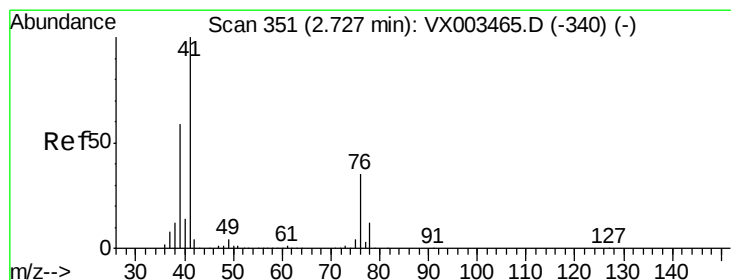
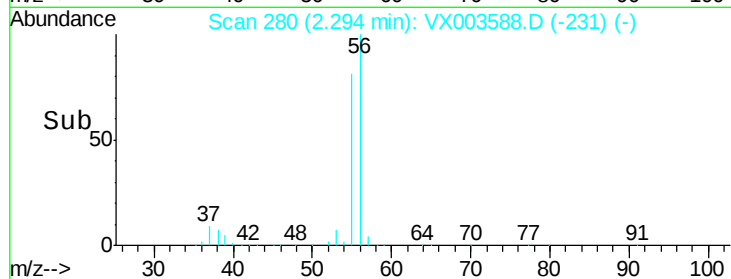
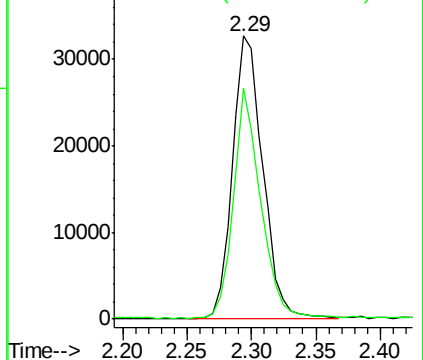
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 48.82 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX003588.D

Acq: 22 Jul 2018 07:14

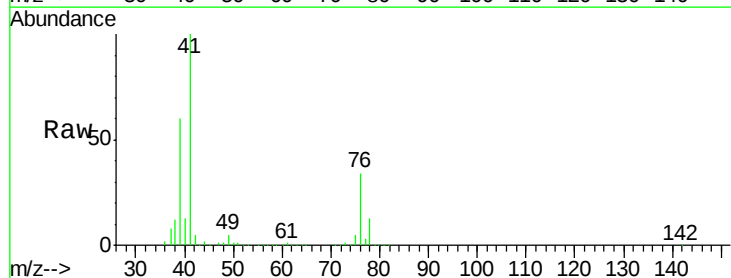
Tgt Ion: 41 Resp: 240101

Ion Ratio Lower Upper

41 100

39 58.6 56.8 85.2

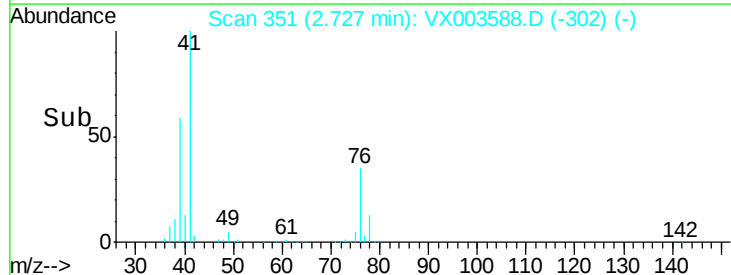
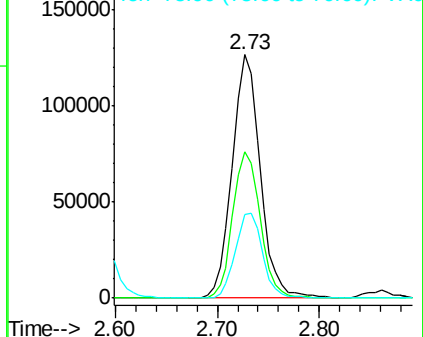
76 33.8 23.8 35.8

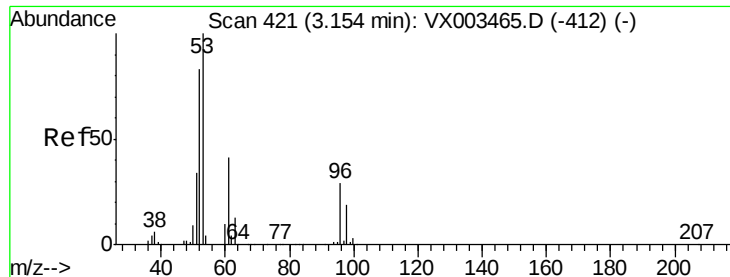


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 254.57 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX003588.D

Acq: 22 Jul 2018 07:14

Instrument :

MSVOA_X

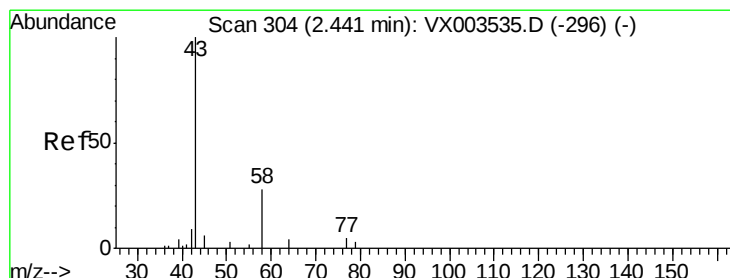
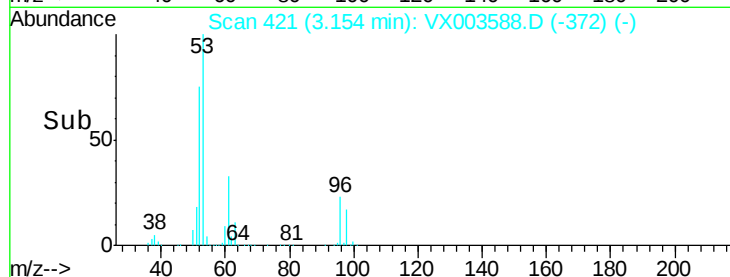
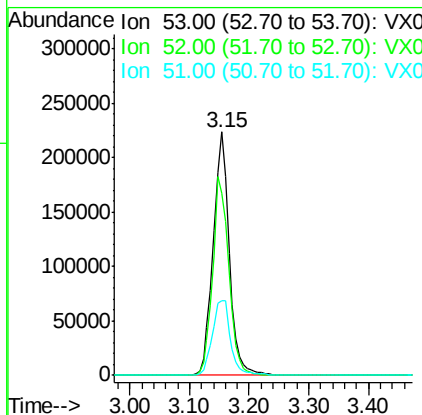
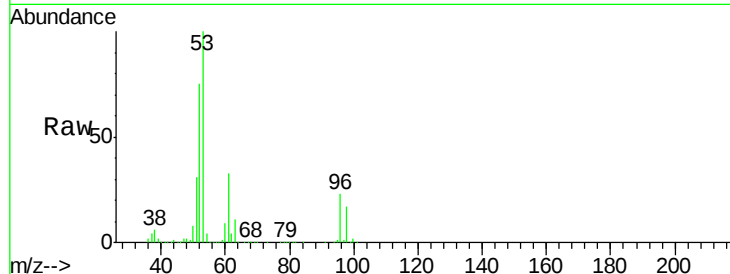
ClientSampleId :

KY030LC068-W-180716MSD

Tot Ion:	53	Resp:	412962
Ion Ratio	Lower	Upper	
53	100		
52	82.0	66.7	100.1
51	34.6	29.9	44.9

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#16

Acetone

Concen: 265.20 ug/l

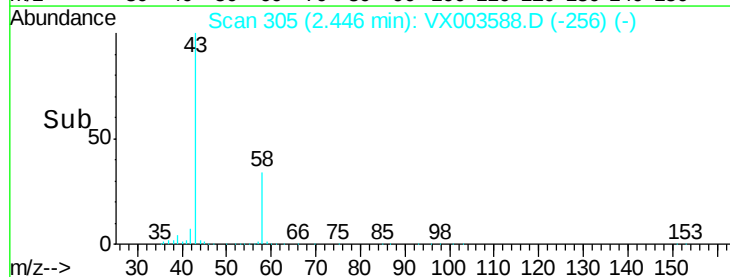
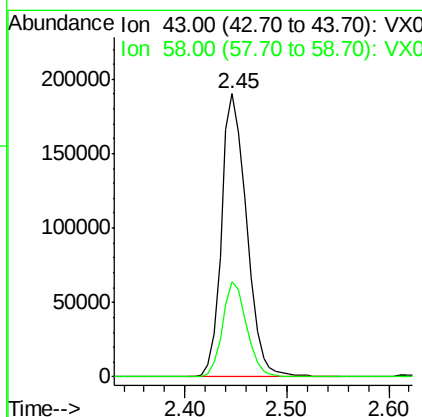
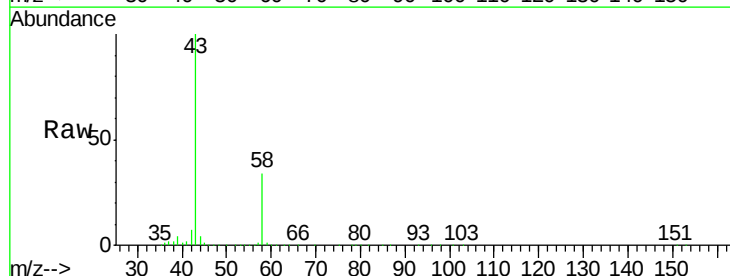
RT: 2.45 min Scan# 305

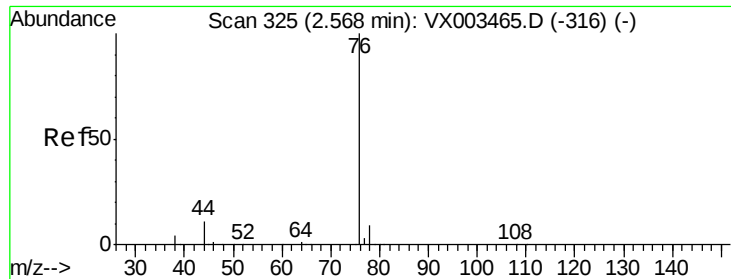
Delta R.T. -0.00 min

Lab File: VX003588.D

Acq: 22 Jul 2018 07:14

Tgt Ion:	43	Resp:	322551
Ion Ratio	Lower	Upper	
43	100		
58	33.8	22.1	33.1#





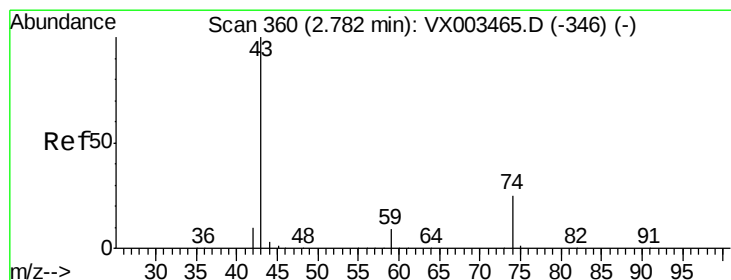
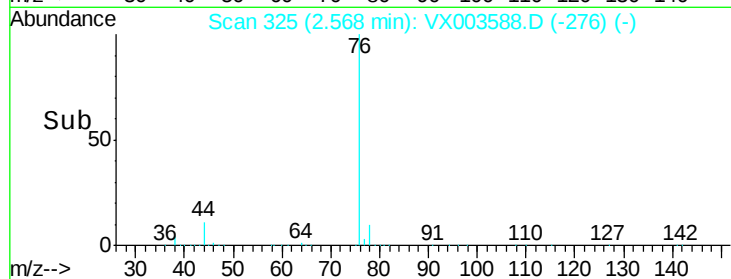
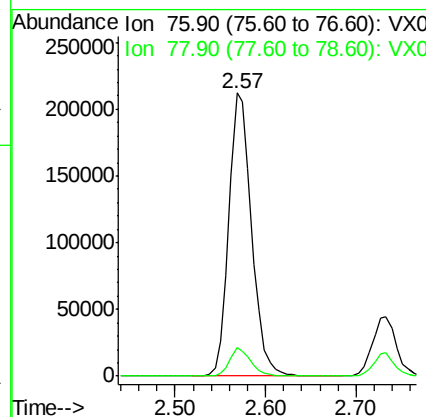
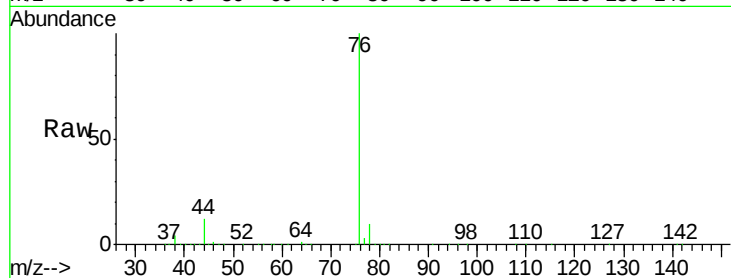
#17
Carbon Disulfide
Concen: 49.11 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX003588.D
Acq: 22 Jul 2018 07:14

Instrument :
MSVOA_X
ClientSampleId :
KY030LC068-W-180716MSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	10.3	6.9	10.3

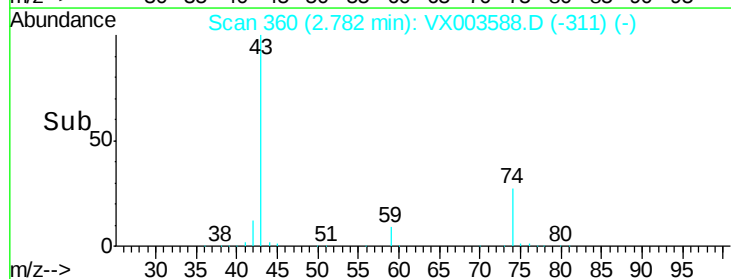
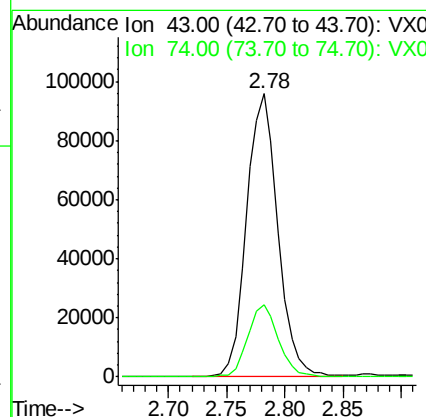
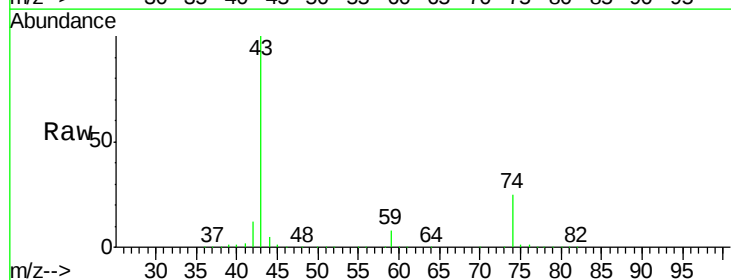
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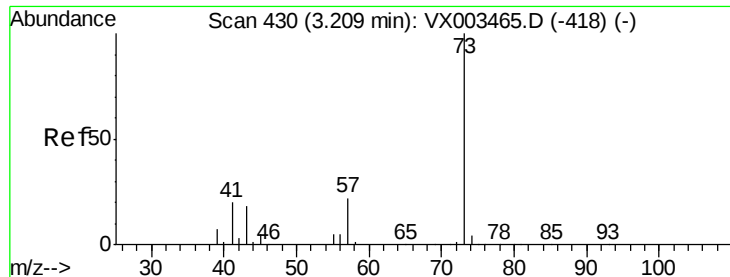
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#18
Methyl Acetate
Concen: 46.65 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX003588.D
Acq: 22 Jul 2018 07:14

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.5	16.7	25.1#





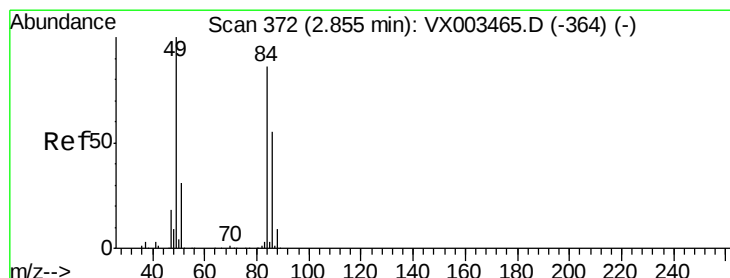
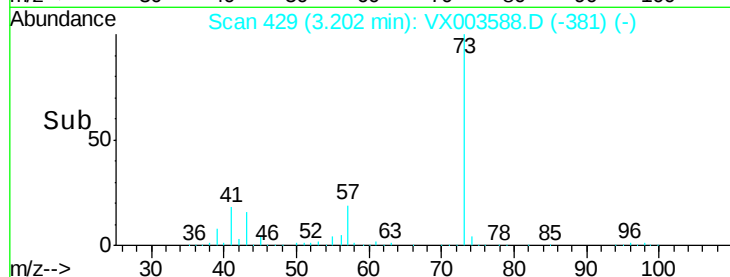
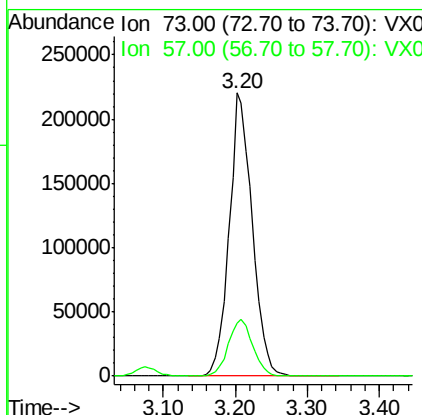
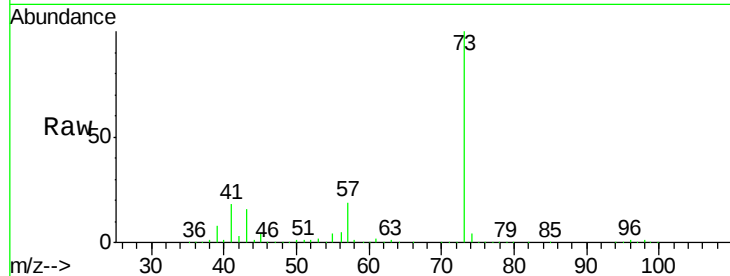
#19
Methvl tert-butvl Ether
Concen: 53.92 ug/l
RT: 3.20 min Scan# 429
Delta R.T. -0.01 min
Lab File: VX003588.D
Acq: 22 Jul 2018 07:14

Instrument :
MSVOA_X
ClientSampleId :
KY030LC068-W-180716MSD

Tot Ion: 73 Resp: 489221
Ion Ratio Lower Upper
73 100
57 18.9 17.7 26.5

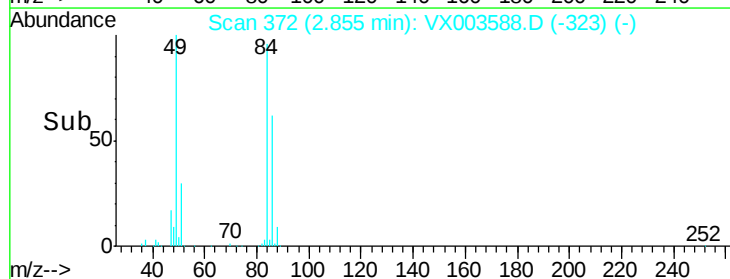
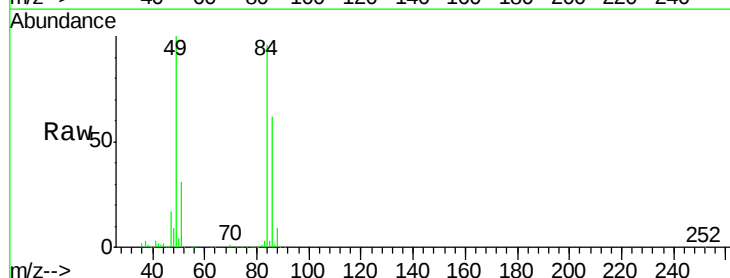
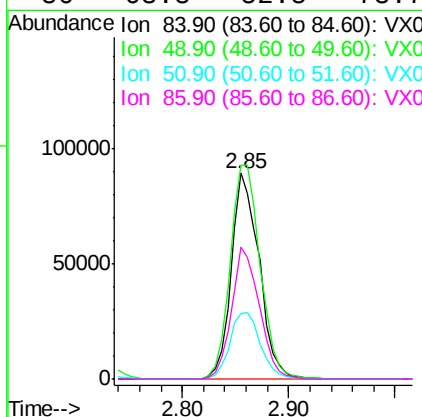
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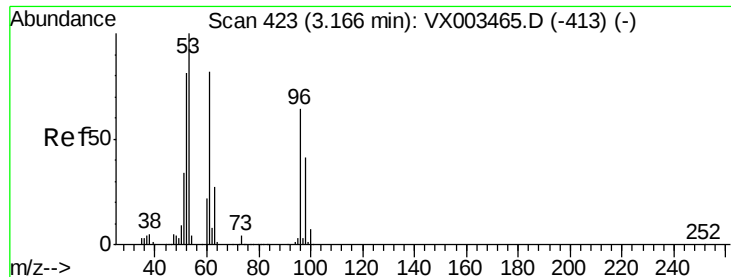
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#20
Methylene Chloride
Concen: 55.31 ug/l
RT: 2.85 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003588.D
Acq: 22 Jul 2018 07:14

Tgt Ion: 84 Resp: 164213
Ion Ratio Lower Upper
84 100
49 103.7 107.8 161.6#
51 31.6 32.8 49.2#
86 63.8 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 49.42 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.01 min

Lab File: VX003588.D

Acq: 22 Jul 2018 07:14

Instrument :

MSVOA_X

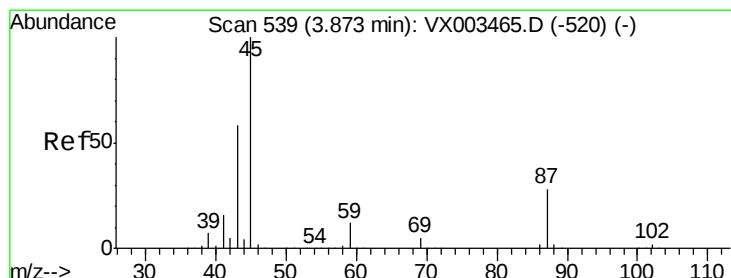
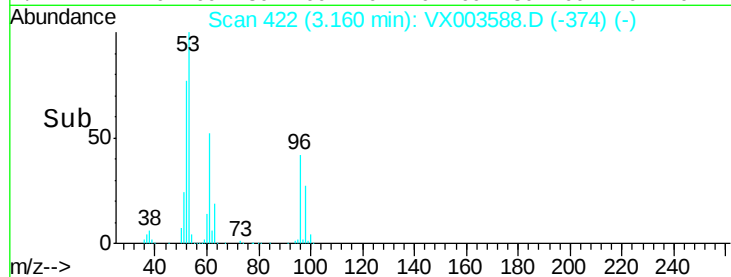
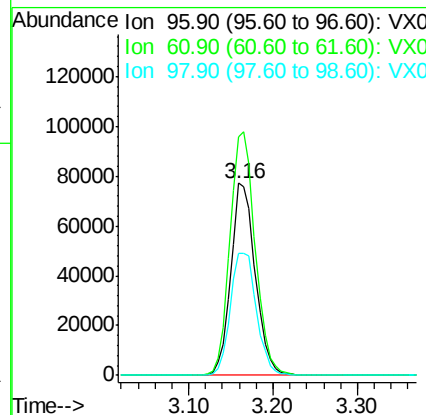
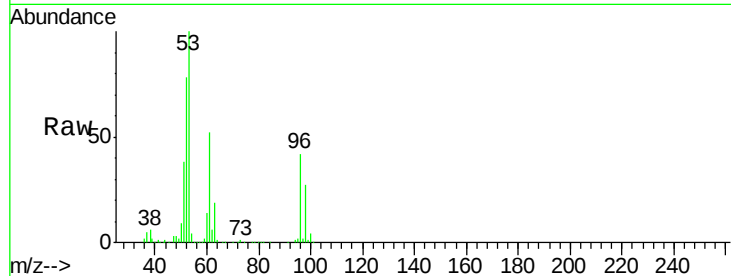
ClientSampleId :

KY030LC068-W-180716MSD

Tot Ion:	96	Resp:	152775
Ion Ratio	Lower	Upper	
96	100		
61	123.7	117.0	175.4
98	63.6	52.4	78.6

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#22

Diisopropyl ether

Concen: 56.84 ug/l

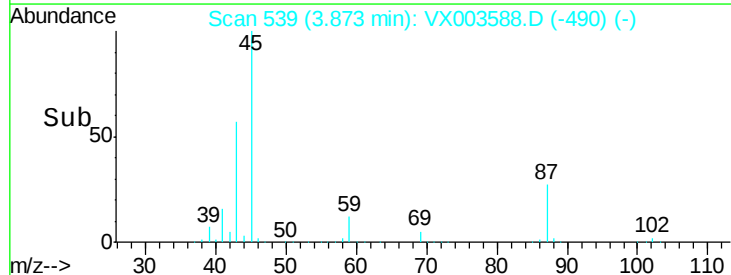
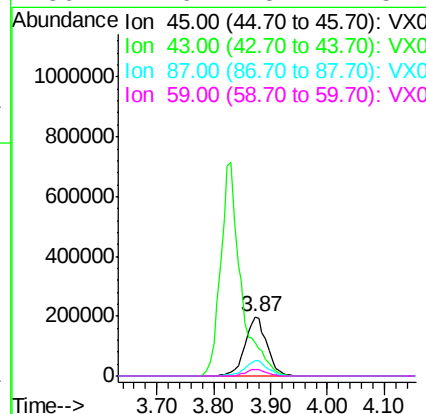
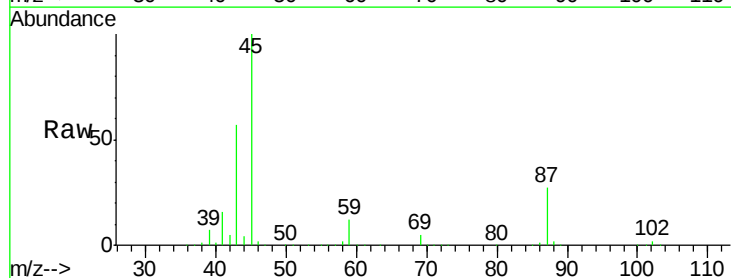
RT: 3.87 min Scan# 539

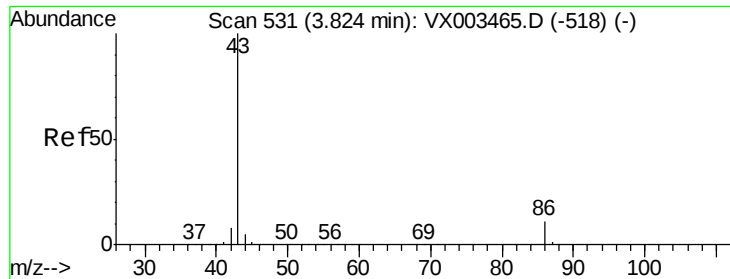
Delta R.T. -0.00 min

Lab File: VX003588.D

Acq: 22 Jul 2018 07:14

Tgt Ion:	45	Resp:	525992
Ion Ratio	Lower	Upper	
45	100		
43	57.0	46.8	70.2
87	26.9	20.2	30.4
59	11.6	8.7	13.1





#23

Vinyl Acetate

Concen: 231.90 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.01 min

Lab File: VX003588.D

Acq: 22 Jul 2018 07:14

Instrument :

MSVOA_X

ClientSampleId :

KY030LC068-W-180716MSD

Tot Ion: 43 Resp: 1767800

Ion Ratio Lower Upper

43 100

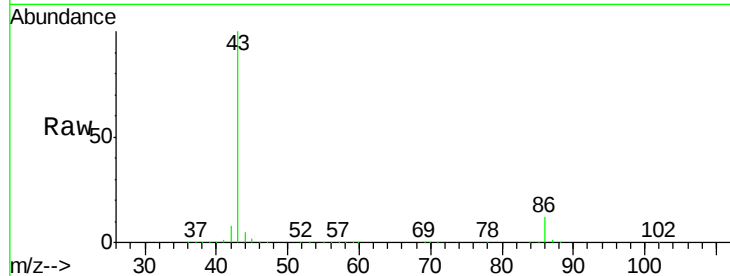
86 12.4 7.4 11.0#

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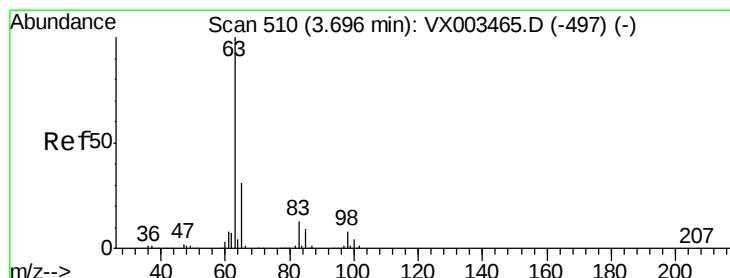
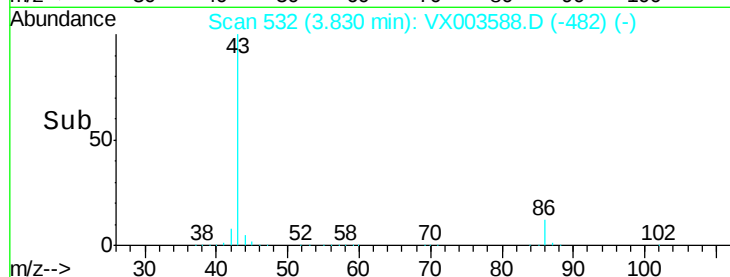
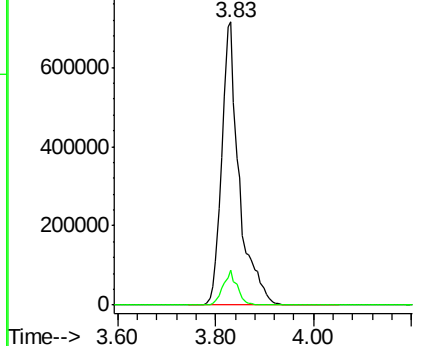
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 54.24 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX003588.D

Acq: 22 Jul 2018 07:14

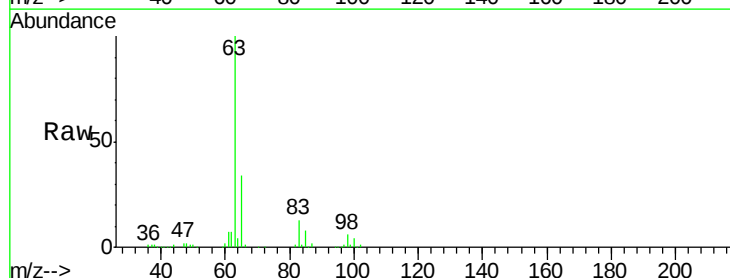
Tgt Ion: 63 Resp: 294506

Ion Ratio Lower Upper

63 100

98 6.4 3.4 10.2

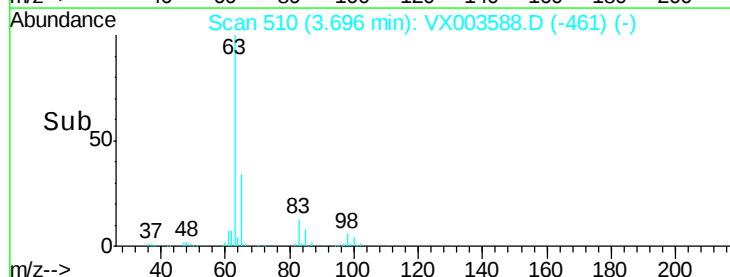
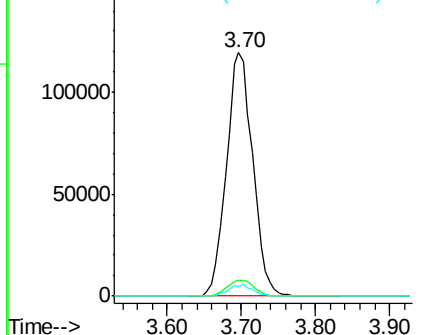
100 4.0 2.0 6.0

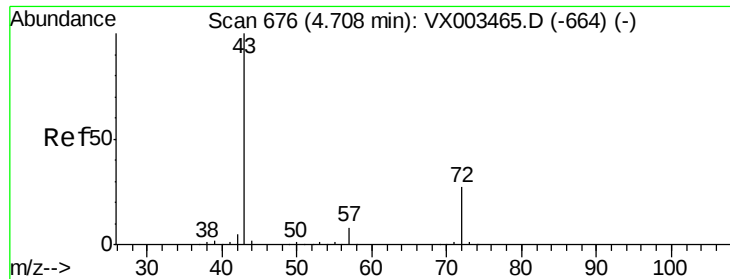


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 264.39 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.01 min

Lab File: VX003588.D

Acq: 22 Jul 2018 07:14

Instrument :

MSVOA_X

ClientSampleId :

KY030LC068-W-180716MSD

Tot Ion: 43 Resp: 539521

Ion Ratio Lower Upper

43 100

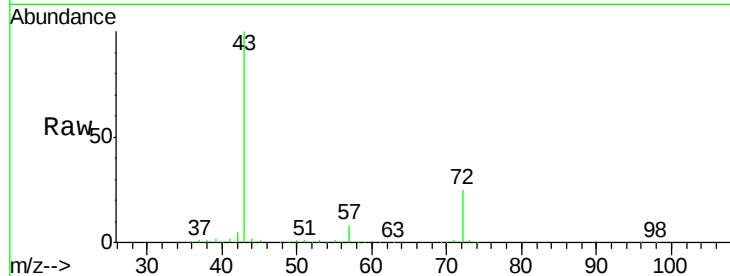
72 24.6 18.5 27.7

Manual Integrations

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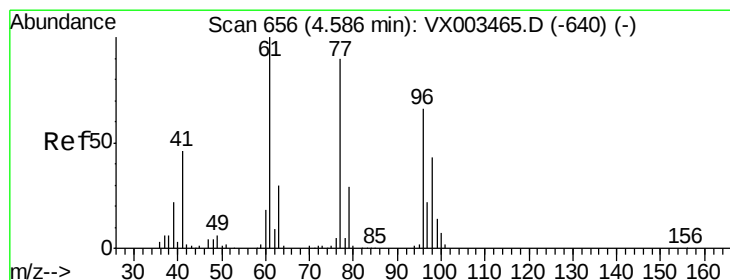
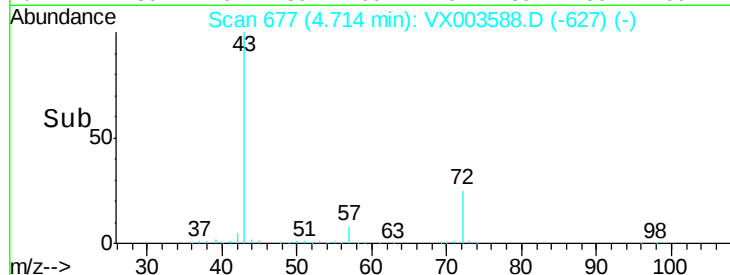
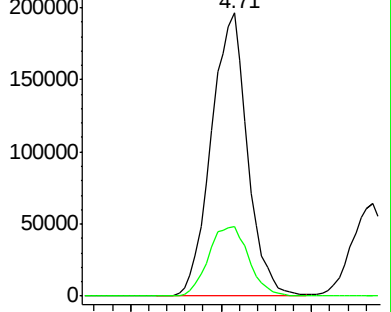
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 31.81 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX003588.D

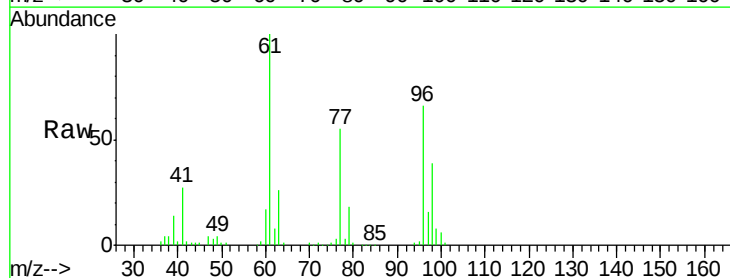
Acq: 22 Jul 2018 07:14

Tgt Ion: 77 Resp: 131204

Ion Ratio Lower Upper

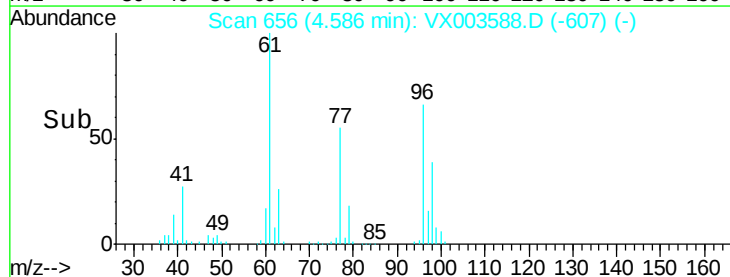
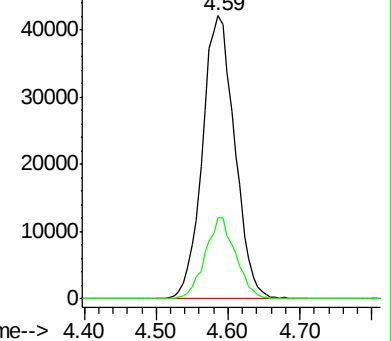
77 100

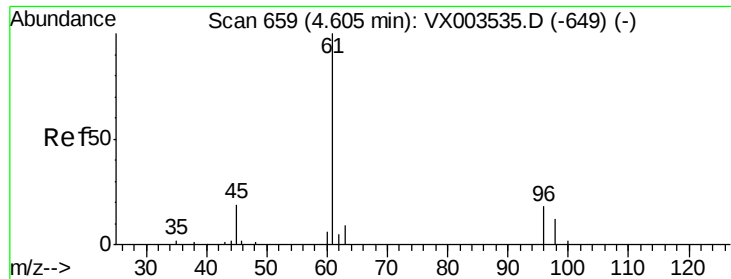
97 27.2 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 52.71 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.00 min

Lab File: VX003588.D

Acq: 22 Jul 2018 07:14

Instrument :

MSVOA_X

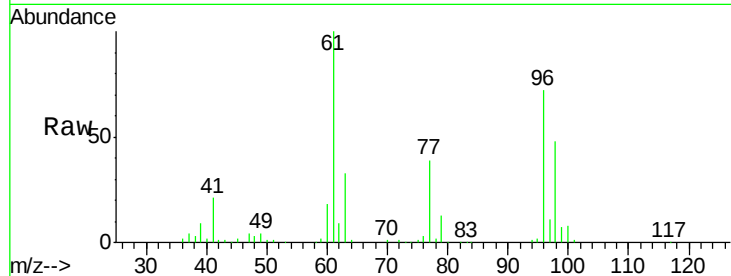
ClientSampleId :

KY030LC068-W-180716MSD

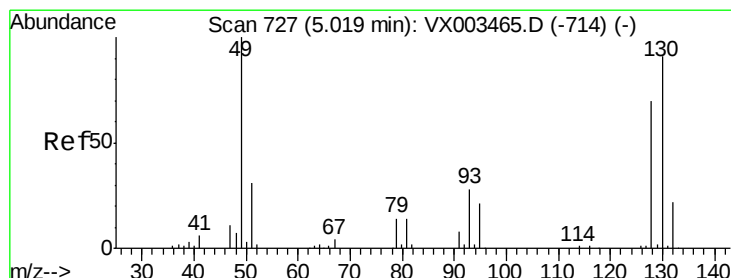
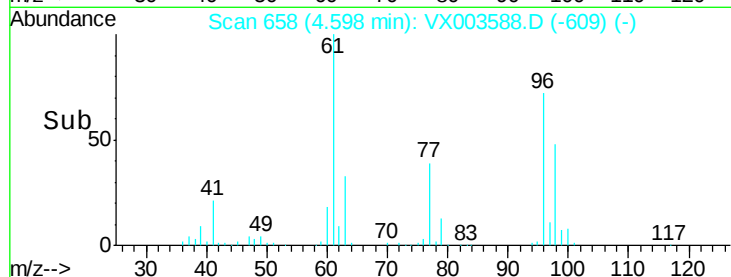
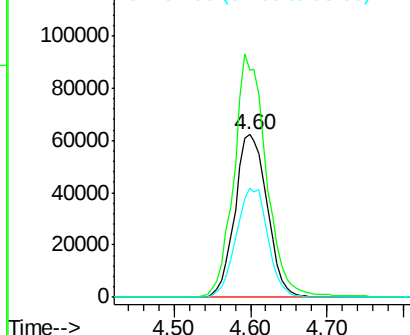
Tot Ion:	96	Resp:	181434
Ion	Ratio	Lower	Upper
96	100		
61	150.4	0.0	330.2
98	66.6	0.0	130.2

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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



#28

Bromochloromethane

Concen: 53.15 ug/l

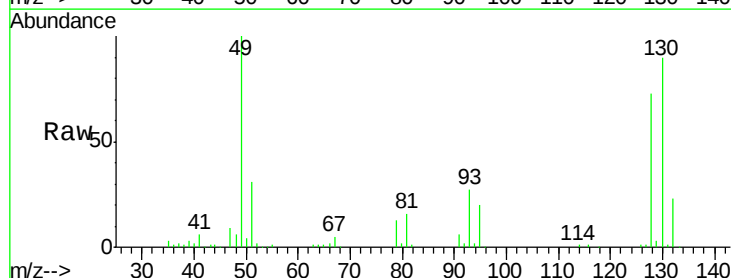
RT: 5.02 min Scan# 727

Delta R.T. -0.00 min

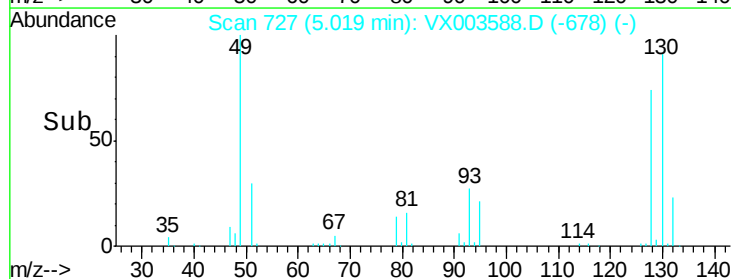
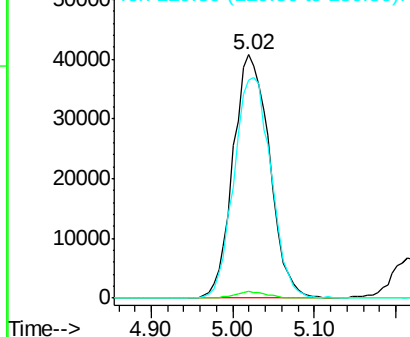
Lab File: VX003588.D

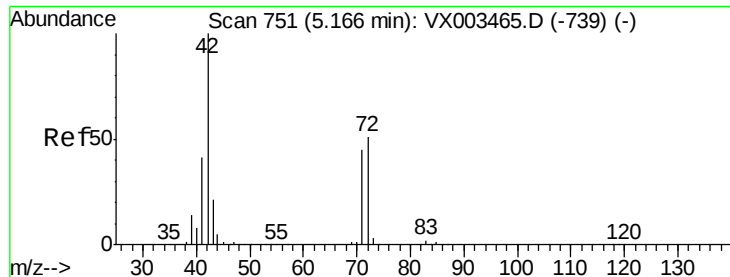
Acq: 22 Jul 2018 07:14

Tgt Ion:	49	Resp:	126139
Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.2
130	92.1	61.2	91.8#



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





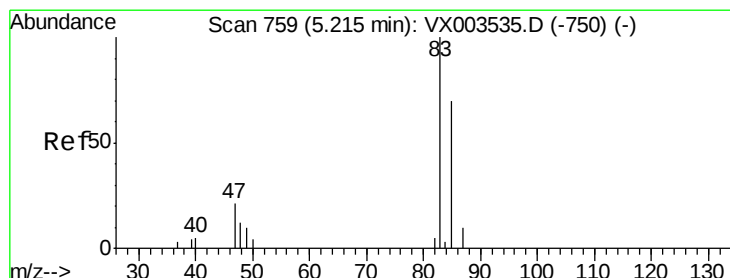
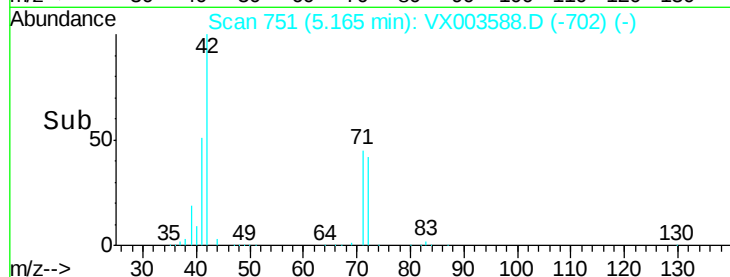
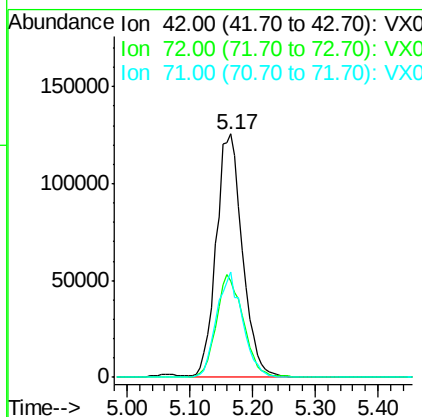
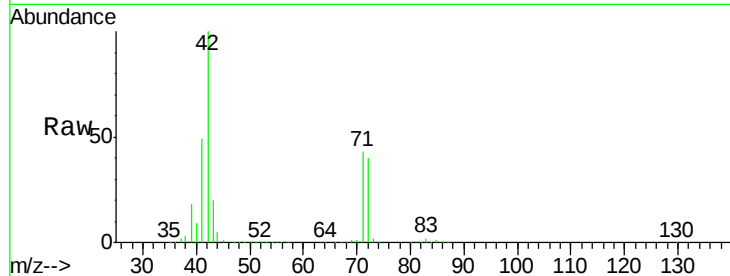
#29
Tetrahydrofuran
Concen: 269.60 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.00 min
Lab File: VX003588.D
Acq: 22 Jul 2018 07:14

Instrument :
MSVOA_X
ClientSampleId :
KY030LC068-W-180716MSD

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.5	32.0	48.0
71	42.8	30.1	45.1

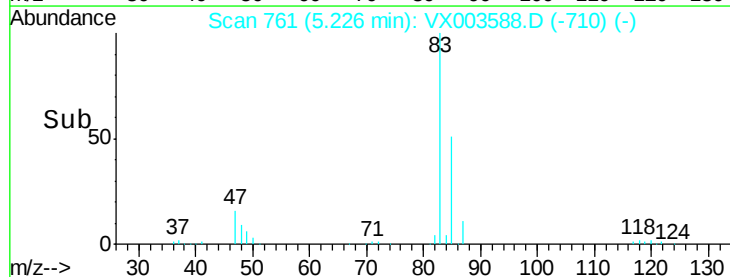
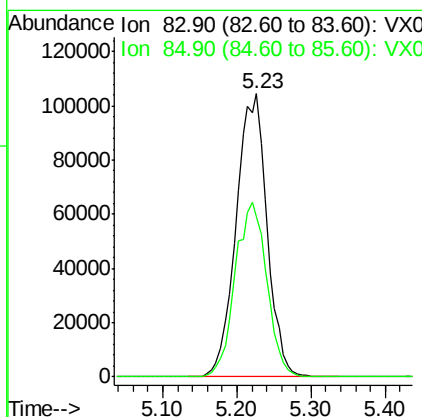
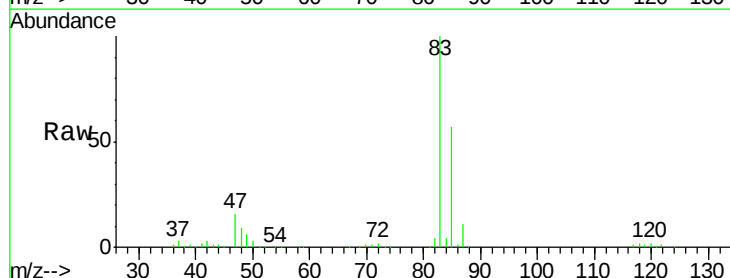
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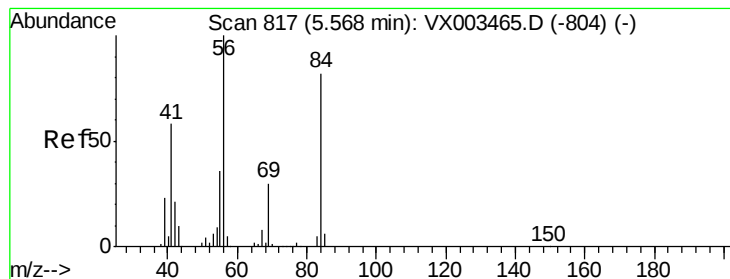
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#30
Chloroform
Concen: 57.40 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.01 min
Lab File: VX003588.D
Acq: 22 Jul 2018 07:14

Tgt Ion	Ratio	Lower	Upper
83	100		
85	56.6	50.4	75.6





#31

Cyclohexane

Concen: 51.37 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX003588.D

Acq: 22 Jul 2018 07:14

Instrument :

MSVOA_X

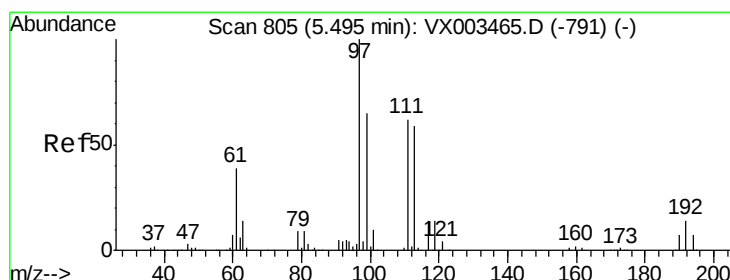
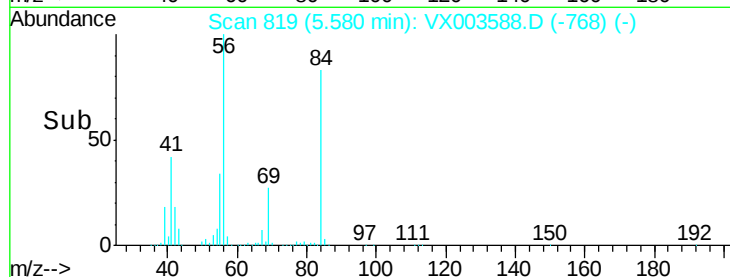
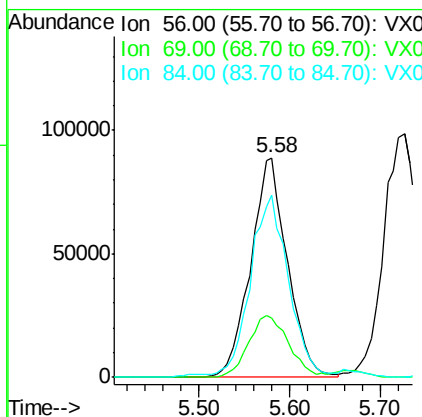
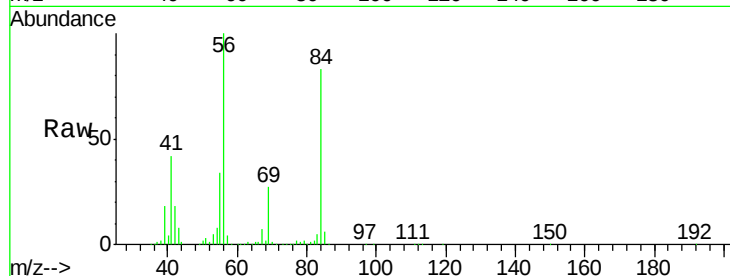
ClientSampleId :

KY030LC068-W-180716MSD

Tot Ion:	56	Resp:	249218
Ion	Ratio	Lower	Upper
56	100		
69	27.1	23.7	35.5
84	81.9	64.1	96.1

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#32

1,1,1-Trichloroethane

Concen: 55.34 ug/l

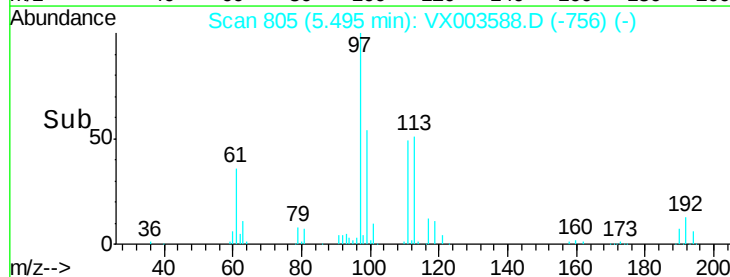
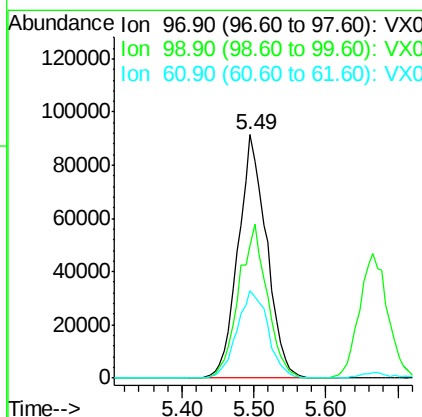
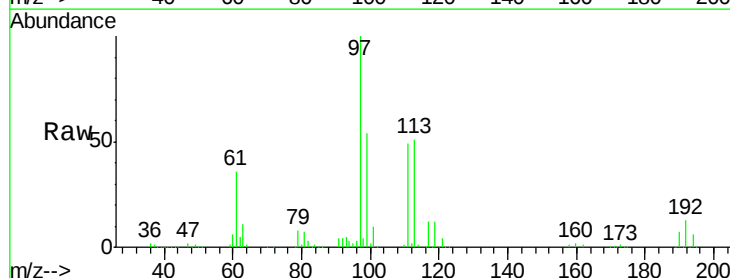
RT: 5.49 min Scan# 805

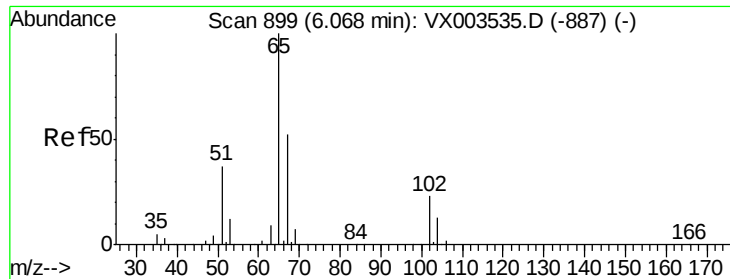
Delta R.T. -0.00 min

Lab File: VX003588.D

Acq: 22 Jul 2018 07:14

Tgt Ion:	97	Resp:	251282
Ion	Ratio	Lower	Upper
97	100		
99	63.3	51.6	77.4
61	39.3	36.4	54.6





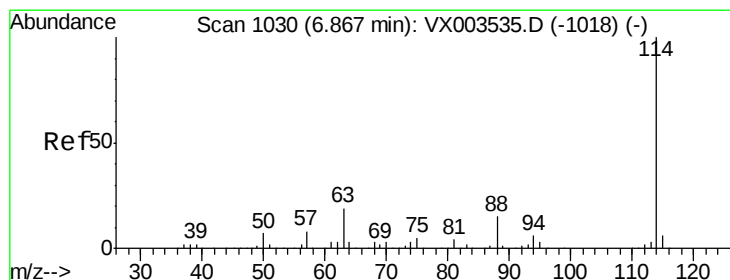
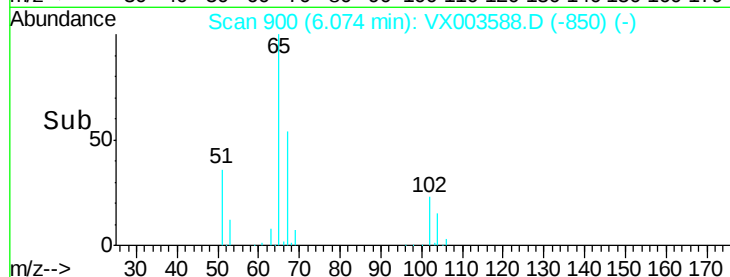
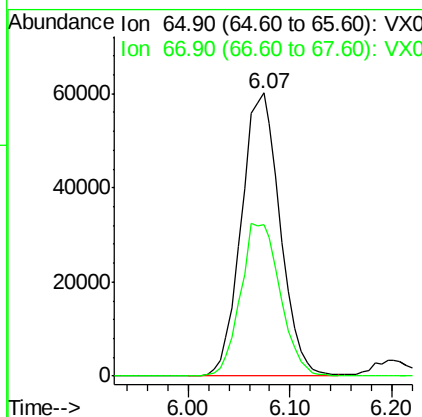
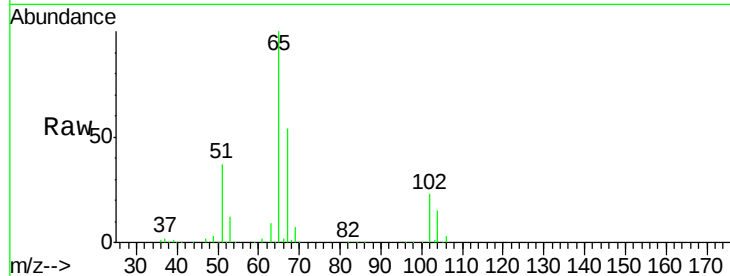
#33
 1,2-Dichloroethane-d4
 Concen: 49.33 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX003588.D
 Acq: 22 Jul 2018 07:14

Instrument :
 MSVOA_X
 ClientSampleId :
 KY030LC068-W-180716MSD

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	55.3	0.0	102.6	

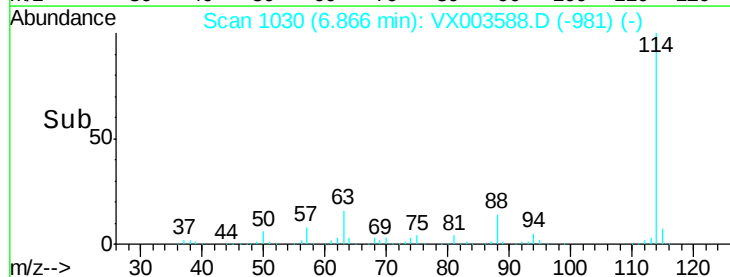
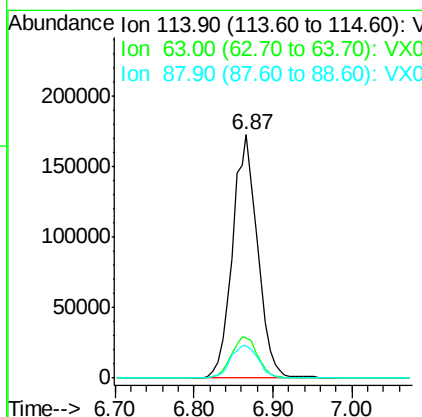
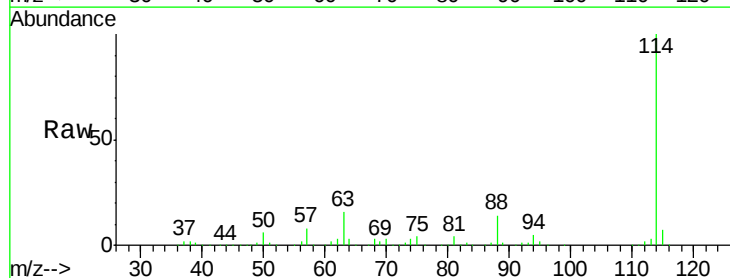
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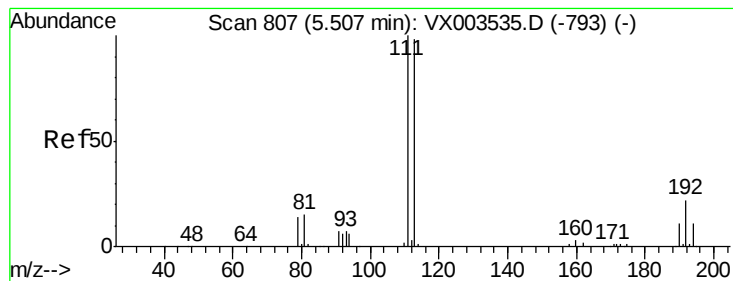
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003588.D
 Acq: 22 Jul 2018 07:14

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	16.4	0.0	41.4	
88	13.6	0.0	30.0	





#35

Dibromofluoromethane

Concen: 55.93 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX003588.D

Acq: 22 Jul 2018 07:14

Instrument :

MSVOA_X

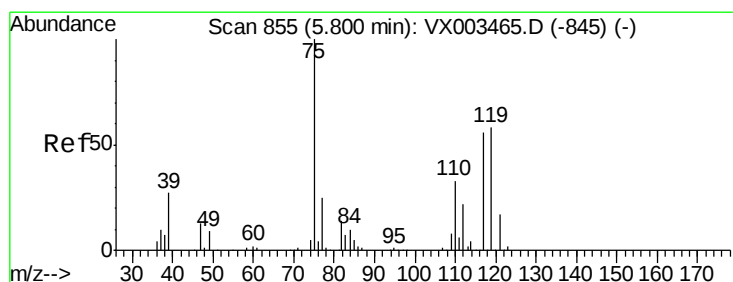
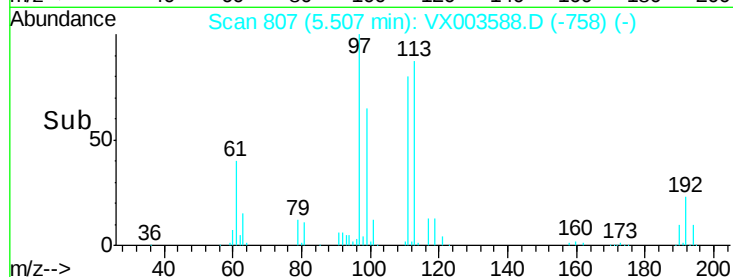
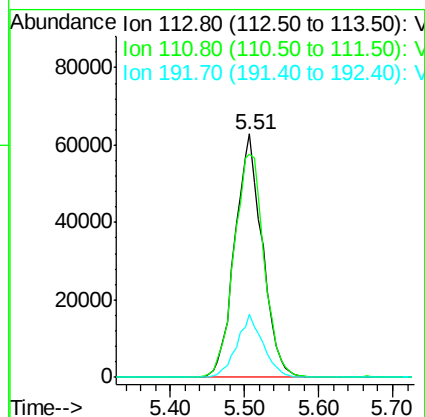
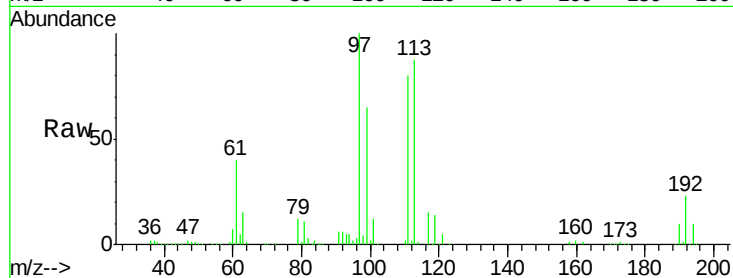
ClientSampleId :

KY030LC068-W-180716MSD

Tot Ion:	113	Resp:	162247
Ion Ratio	Lower	Upper	
113	100		
111	100.9	81.4	122.0
192	24.7	19.1	28.7

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#36

1,1-Dichloropropene

Concen: 48.42 ug/l

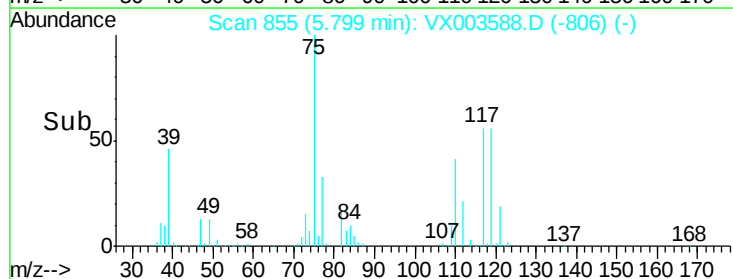
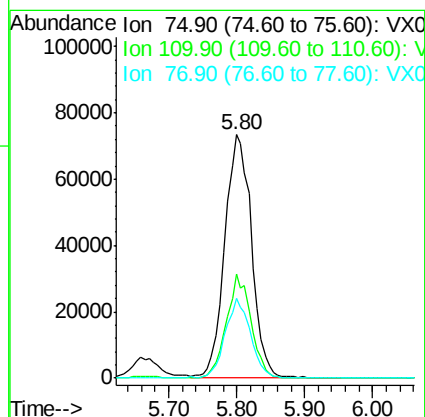
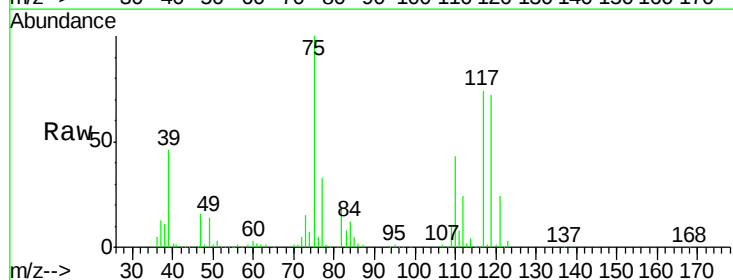
RT: 5.80 min Scan# 855

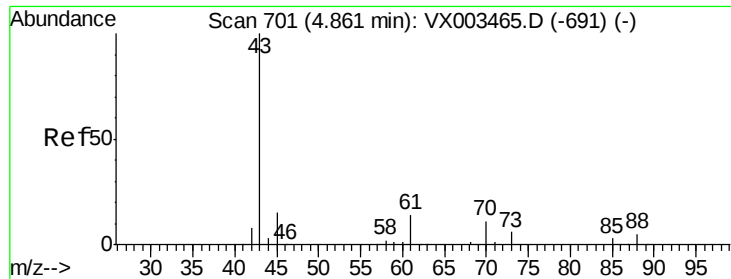
Delta R.T. -0.00 min

Lab File: VX003588.D

Acq: 22 Jul 2018 07:14

Tgt Ion:	75	Resp:	199090
Ion Ratio	Lower	Upper	
75	100		
110	39.2	18.1	54.4
77	31.6	24.3	36.5





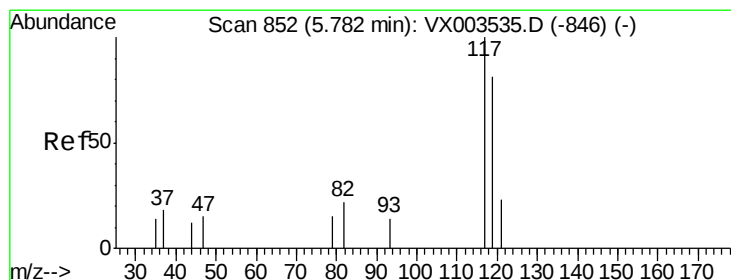
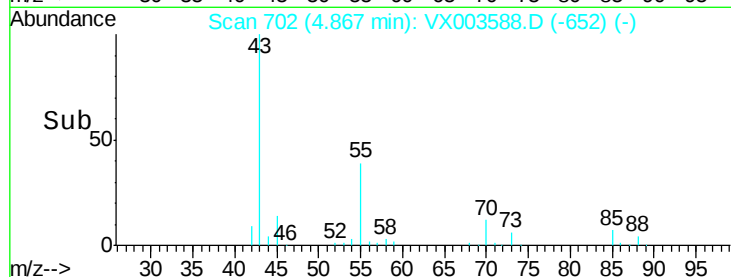
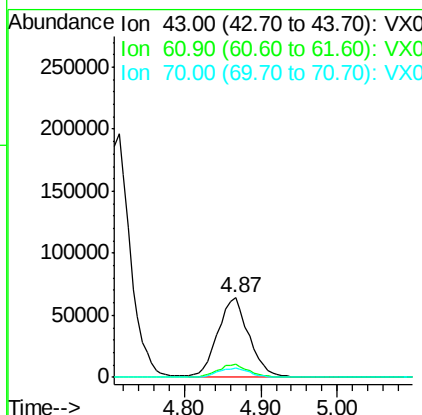
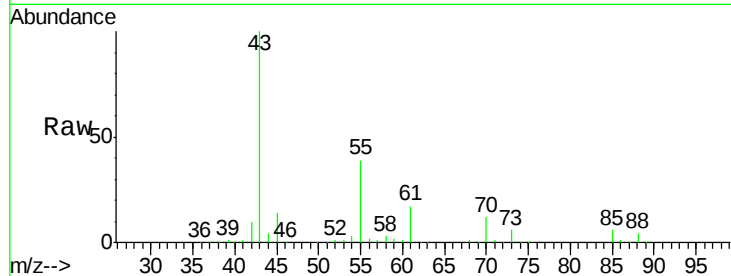
#37
Ethyl Acetate
Concen: 46.41 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.01 min
Lab File: VX003588.D
Acq: 22 Jul 2018 07:14

Instrument :
MSVOA_X
ClientSampleId :
KY030LC068-W-180716MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.0	10.4	15.6#
70	11.7	7.6	11.4#

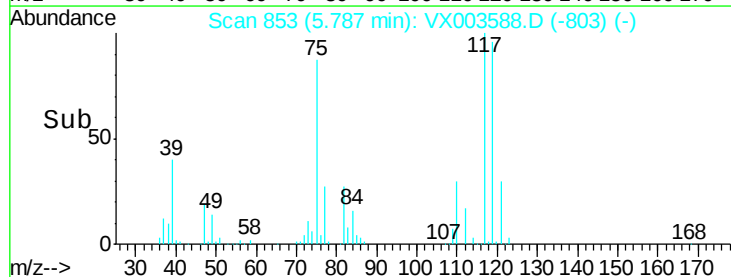
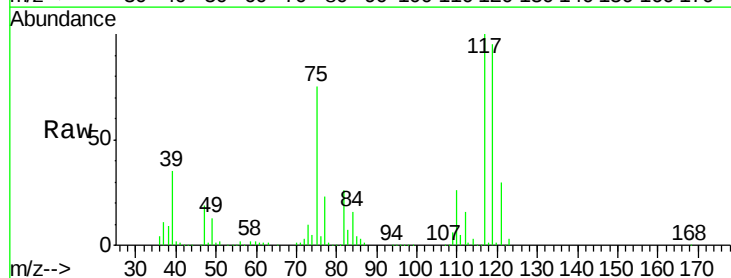
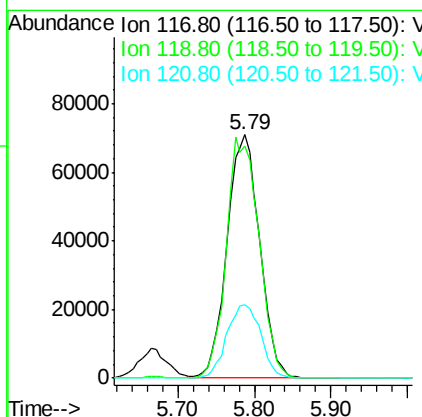
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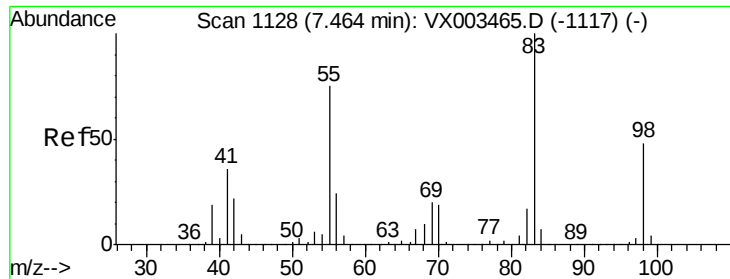
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#38
Carbon Tetrachloride
Concen: 51.85 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.01 min
Lab File: VX003588.D
Acq: 22 Jul 2018 07:14

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.0	77.4	116.0
121	30.3	24.4	36.6





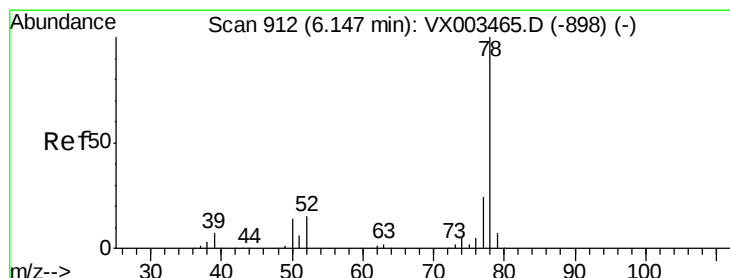
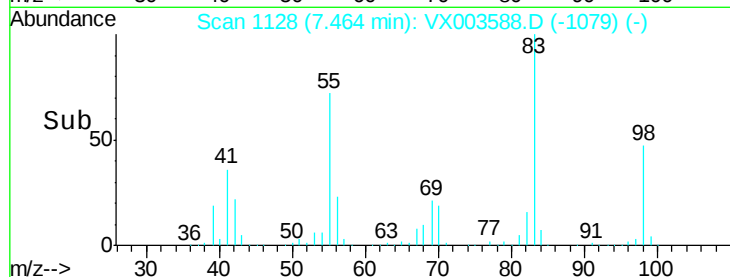
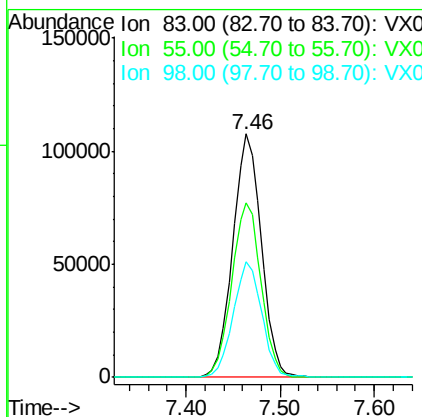
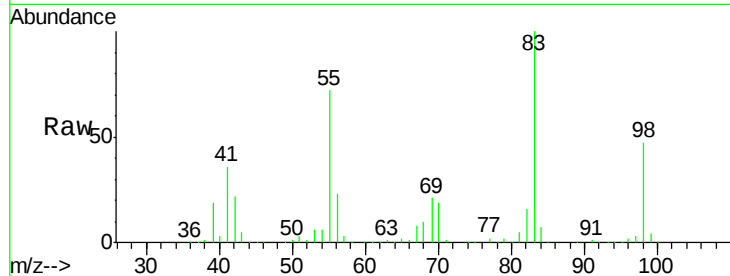
#39
Methvlcvclohexane
Concen: 46.50 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX003588.D
Acq: 22 Jul 2018 07:14

Instrument :
MSVOA_X
ClientSampleId :
KY030LC068-W-180716MSD

Tot Ion	Ratio	Resp	Lower	Upper
83	100	226470		
55	71.8		65.4	98.0
98	47.4		37.4	56.0

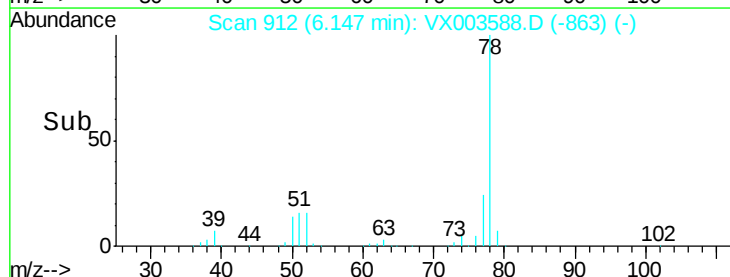
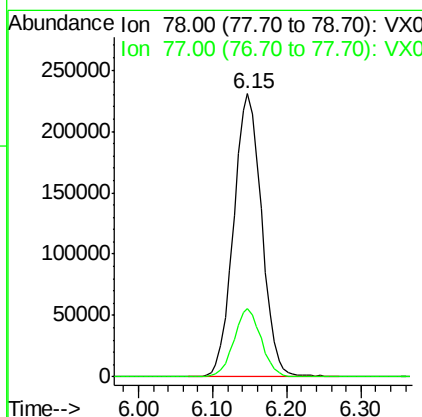
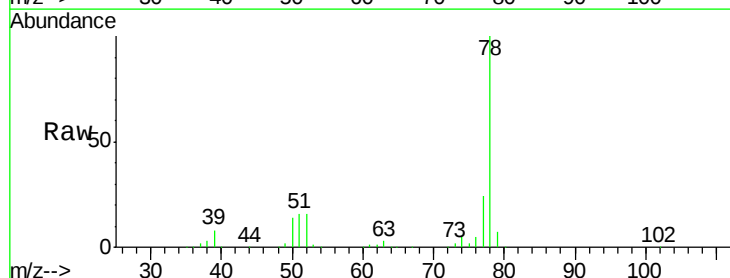
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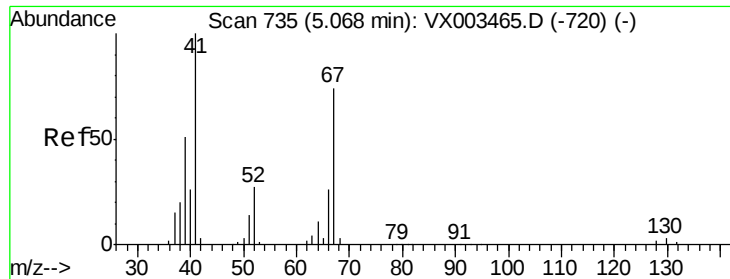
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#40
Benzene
Concen: 49.11 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX003588.D
Acq: 22 Jul 2018 07:14

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	609684		
77	24.3		19.1	28.7





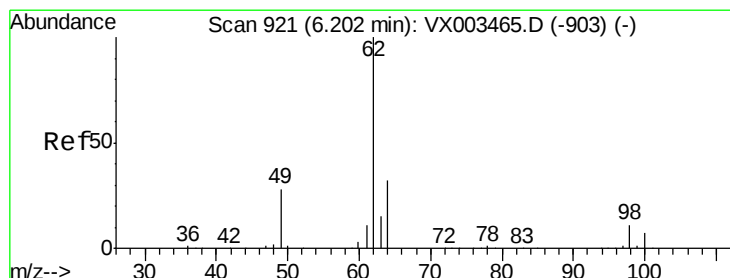
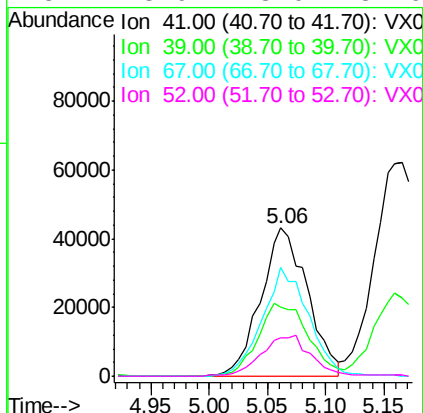
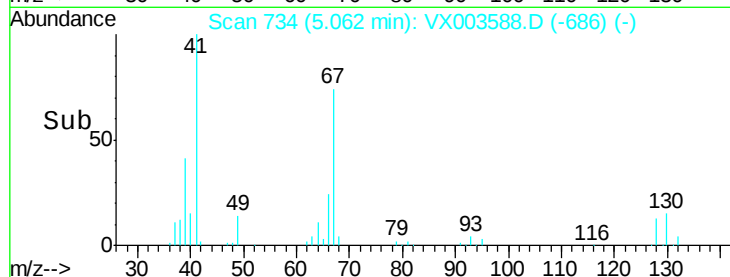
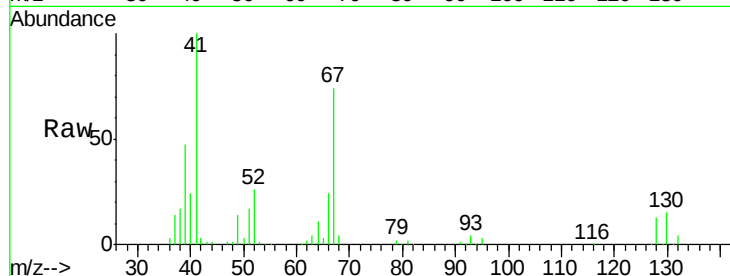
#41
Methacrylonitrile
Concen: 52.15 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX003588.D
Acq: 22 Jul 2018 07:14

Instrument :
MSVOA_X
ClientSampleId :
KY030LC068-W-180716MSD

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.3	45.8	68.6	
67	73.5	51.3	76.9	
52	28.9	23.0	34.6	

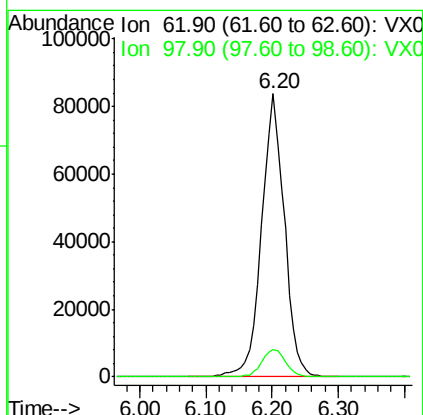
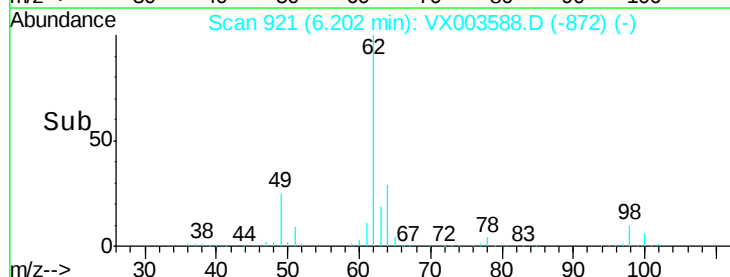
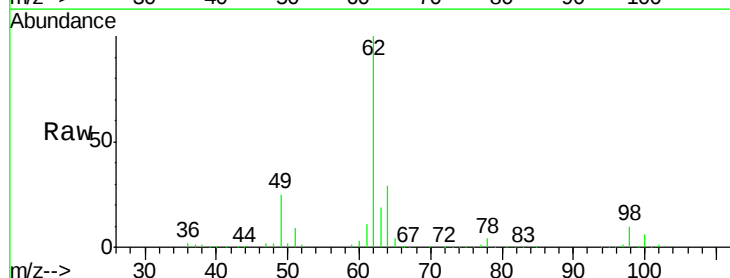
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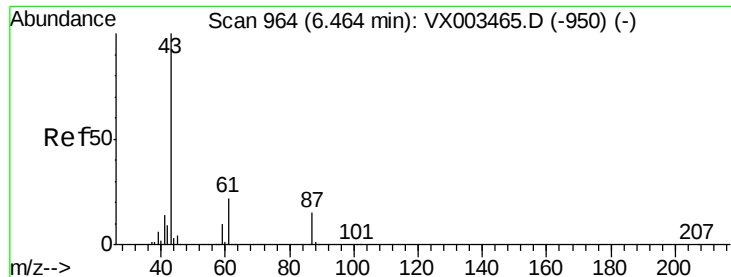
MMDadoda
7/23/2018 3:20:08 PM



#42
1,2-Dichloroethane
Concen: 51.30 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX003588.D
Acq: 22 Jul 2018 07:14

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.0	0.0	16.6	





#43

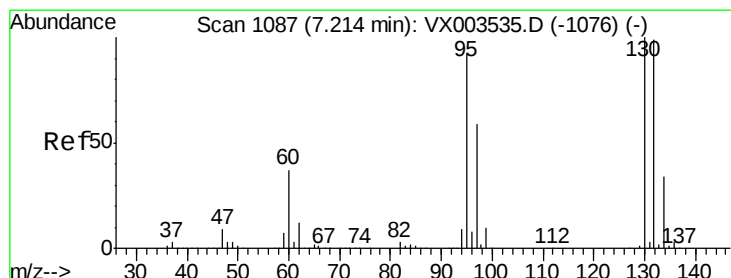
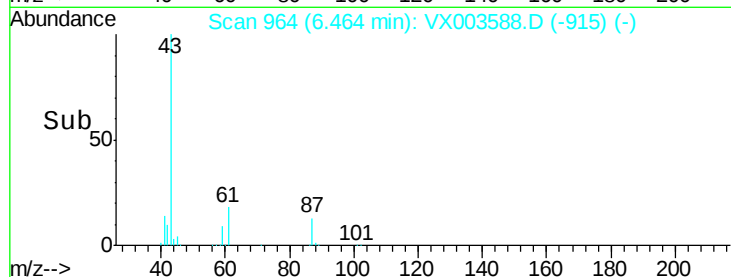
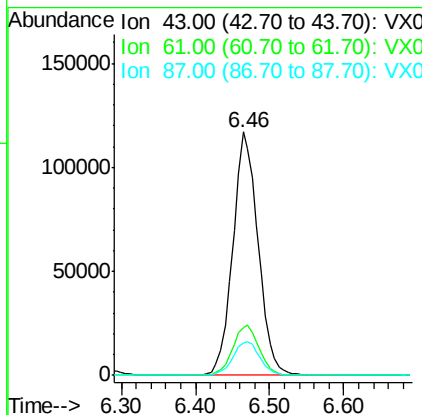
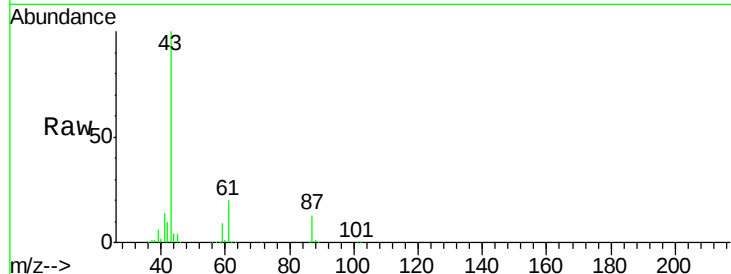
Isopropyl Acetate
 Concen: 44.93 ug/l
 RT: 6.46 min Scan# 964
 Delta R.T. -0.00 min
 Lab File: VX003588.D
 Acq: 22 Jul 2018 07:14

Instrument :
 MSVOA_X
 ClientSampleId :
 KY030LC068-W-180716MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.5	14.4	21.6
87	14.6	9.5	14.3

Manual Integrations
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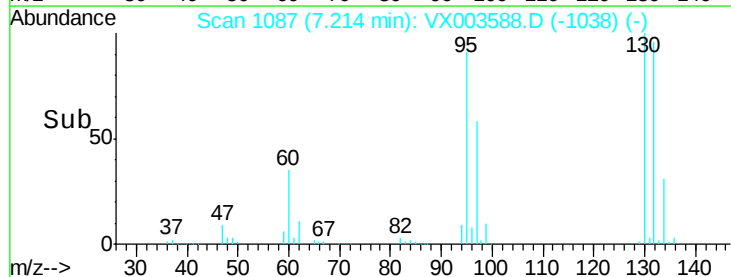
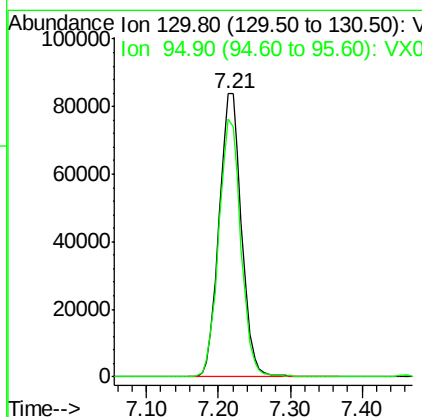
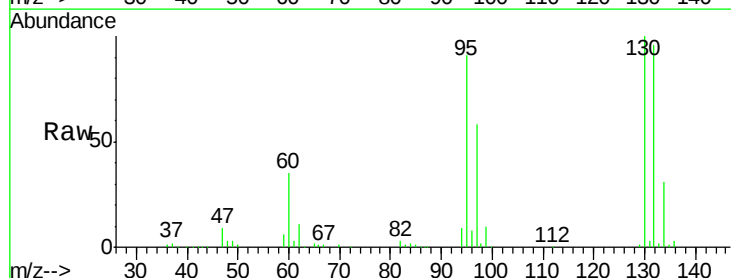
MMDadoda
 7/23/2018 3:20:08 PM

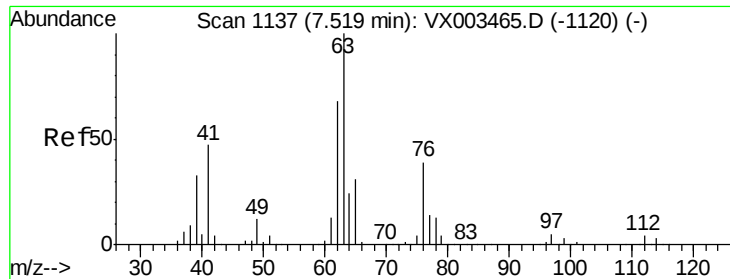


#44

Trichloroethene
 Concen: 49.08 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX003588.D
 Acq: 22 Jul 2018 07:14

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.0	0.0	185.4





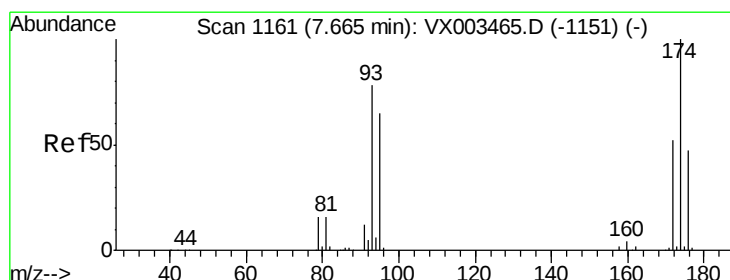
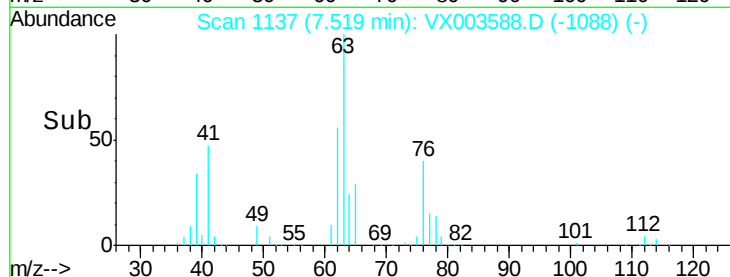
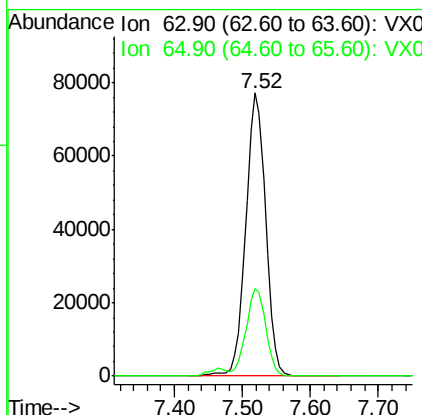
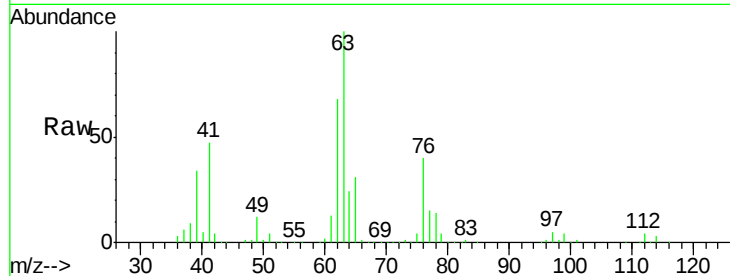
#45
 1,2-Dichloropropane
 Concen: 49.97 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX003588.D
 Acq: 22 Jul 2018 07:14

Instrument :
 MSVOA_X
 ClientSampleId :
 KY030LC068-W-180716MSD

Tot Ion: 63 Resp: 157523
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.7 37.1

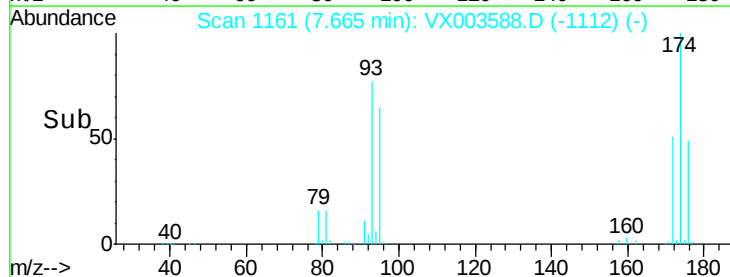
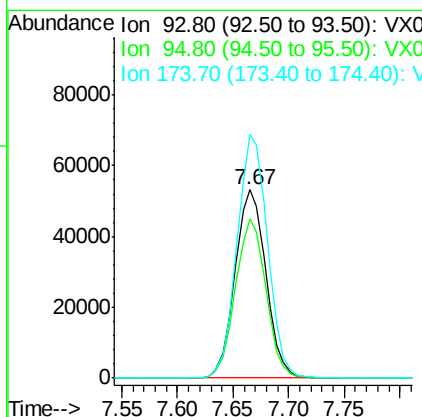
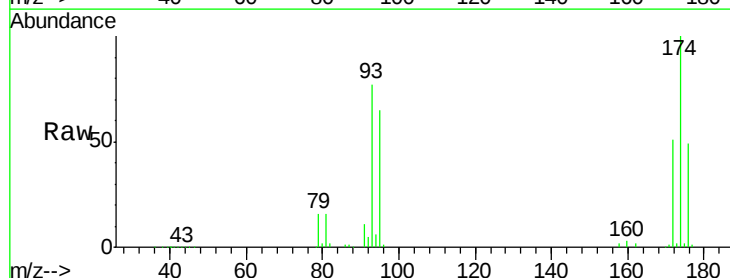
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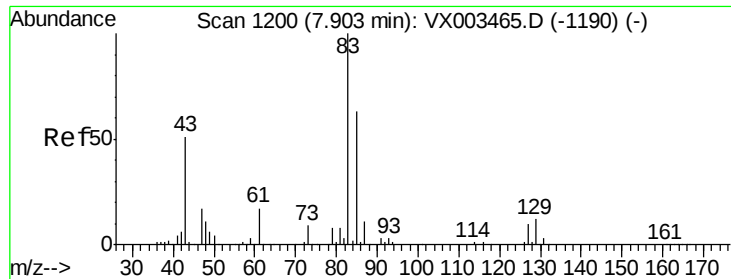
MMDadoda
 7/23/2018 3:20:08 PM



#46
 Dibromomethane
 Concen: 50.43 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX003588.D
 Acq: 22 Jul 2018 07:14

Tgt Ion: 93 Resp: 102357
 Ion Ratio Lower Upper
 93 100
 95 83.6 65.9 98.9
 174 128.4 92.4 138.6





#47

Bromodichloromethane

Concen: 51.73 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX003588.D

Acq: 22 Jul 2018 07:14

Instrument :

MSVOA_X

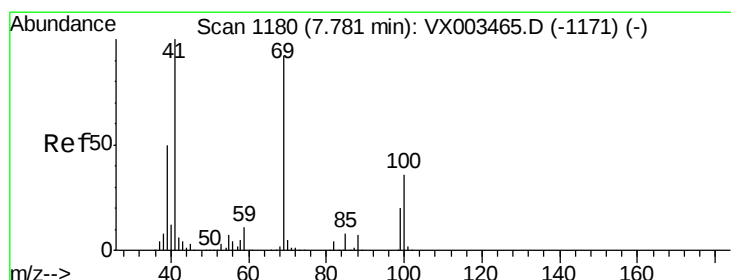
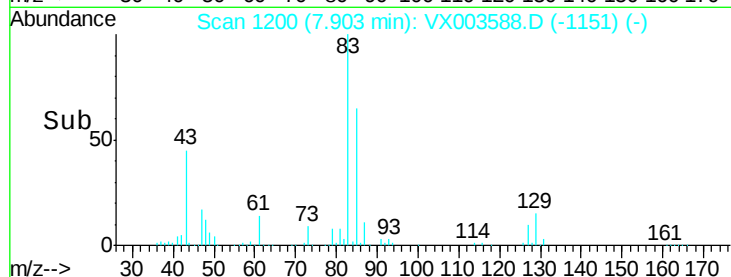
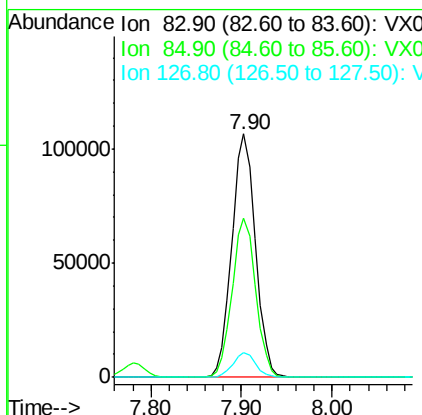
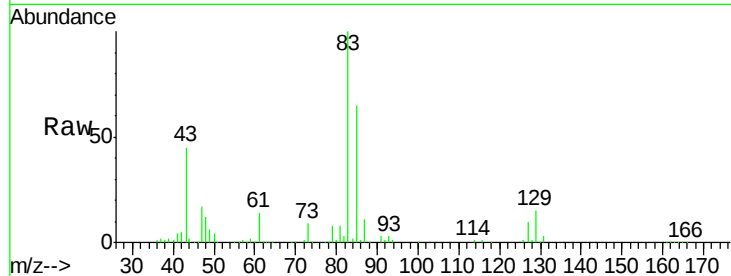
ClientSampleId :

KY030LC068-W-180716MSD

Tot Ion:	83	Resp:	192196
Ion	Ratio	Lower	Upper
83	100		
85	65.3	50.3	75.5
127	10.3	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 49.11 ug/l

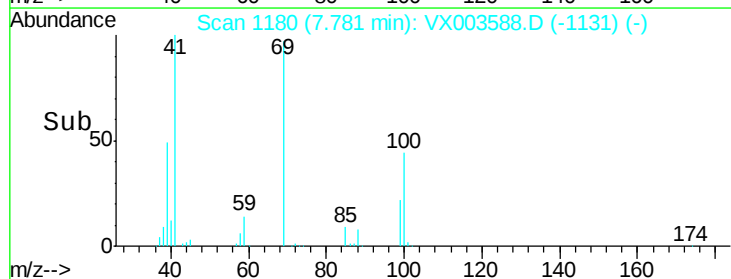
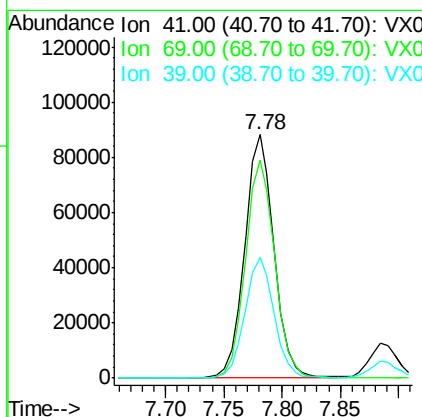
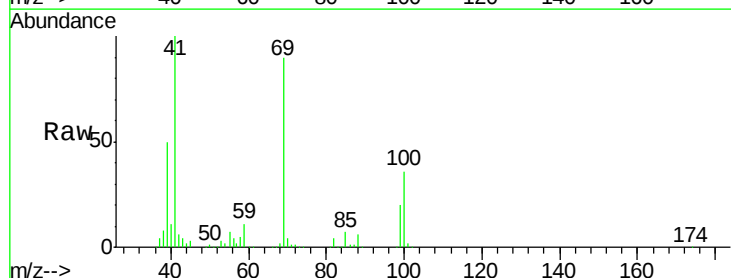
RT: 7.78 min Scan# 1180

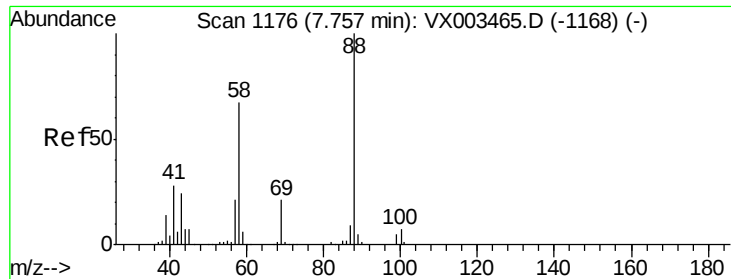
Delta R.T. -0.00 min

Lab File: VX003588.D

Acq: 22 Jul 2018 07:14

Tgt Ion:	41	Resp:	153288
Ion	Ratio	Lower	Upper
41	100		
69	91.1	59.1	88.7#
39	49.9	48.9	73.3





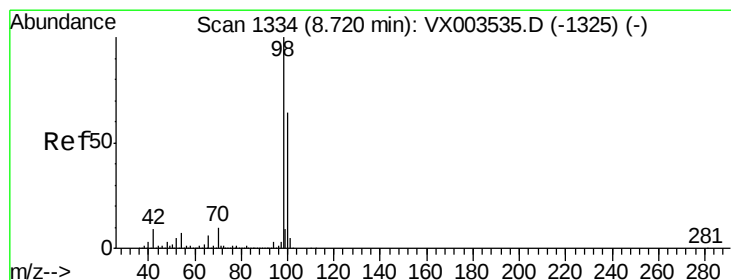
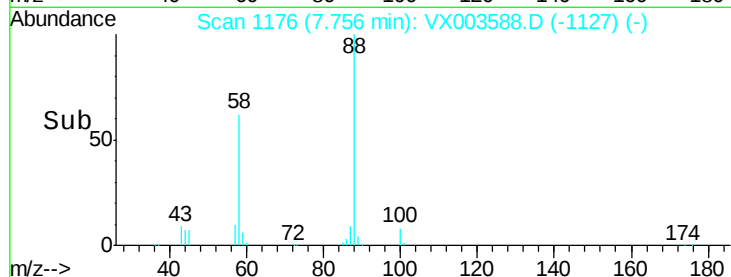
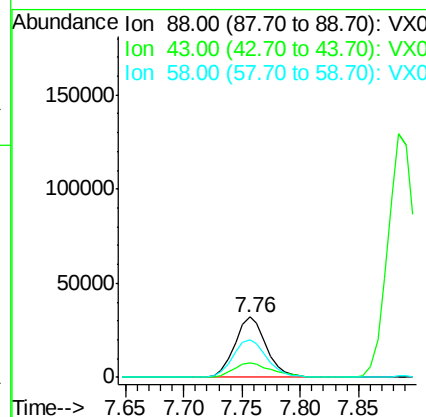
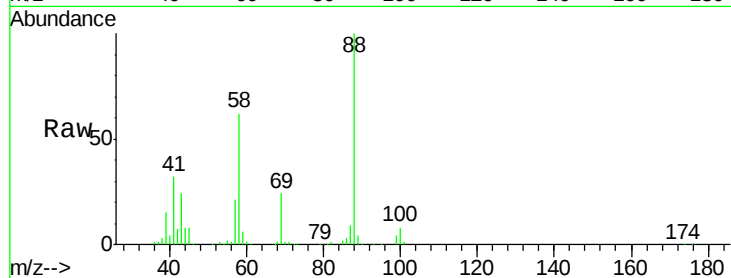
#49
1,4-Dioxane
Concen: 850.37 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VX003588.D
Acq: 22 Jul 2018 07:14

Instrument :
MSVOA_X
ClientSampleId :
KY030LC068-W-180716MSD

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.1	29.8	44.6#
58	67.6	57.1	85.7

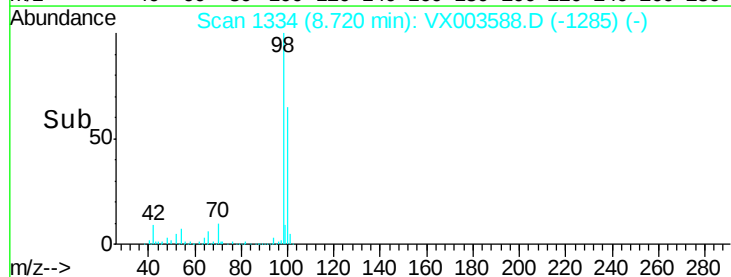
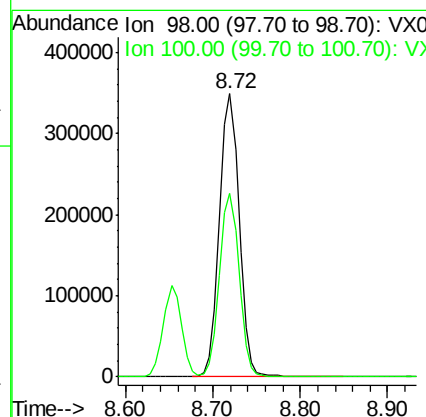
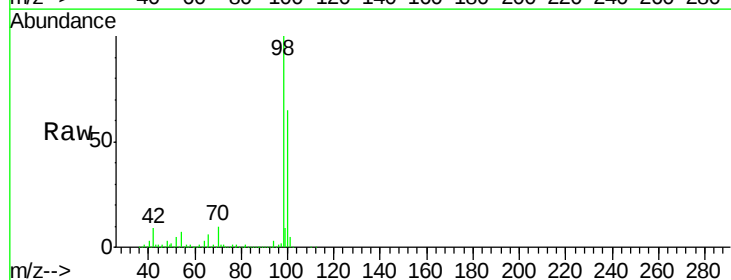
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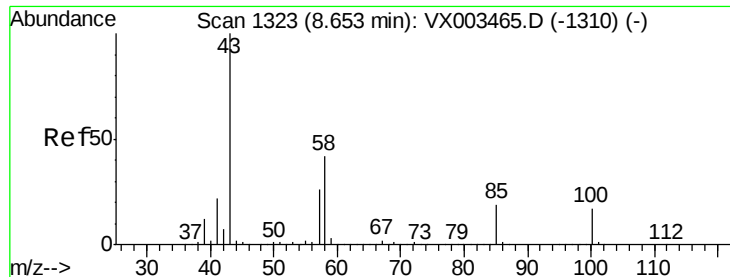
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#50
Toluene-d8
Concen: 50.22 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003588.D
Acq: 22 Jul 2018 07:14

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.3	50.9	76.3





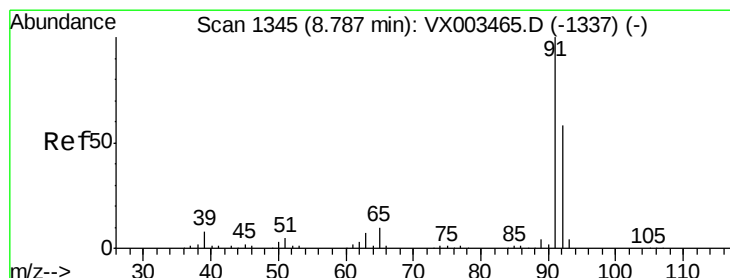
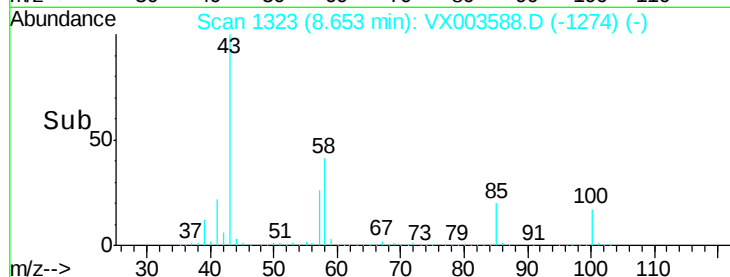
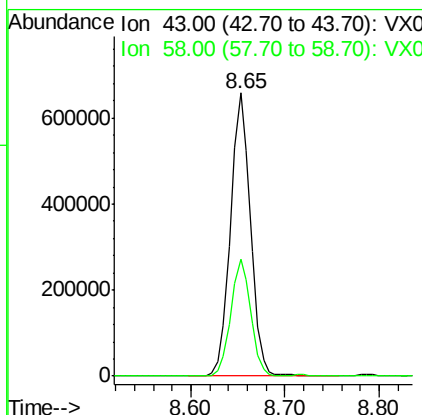
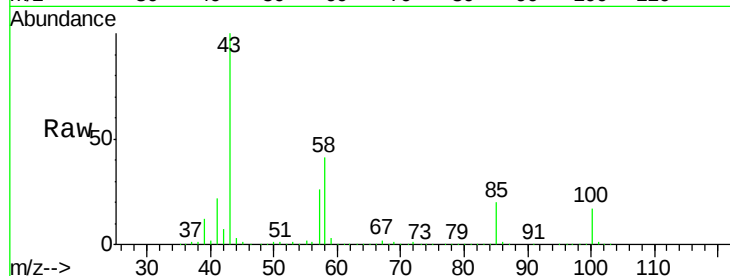
#51
4-Methyl-2-Pentanone
Concen: 247.73 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.00 min
Lab File: VX003588.D
Acq: 22 Jul 2018 07:14

Instrument :
MSVOA_X
ClientSampleId :
KY030LC068-W-180716MSD

Tot Ion	Ratio	Lower	Upper
43	100		
58	41.2	28.6	42.8

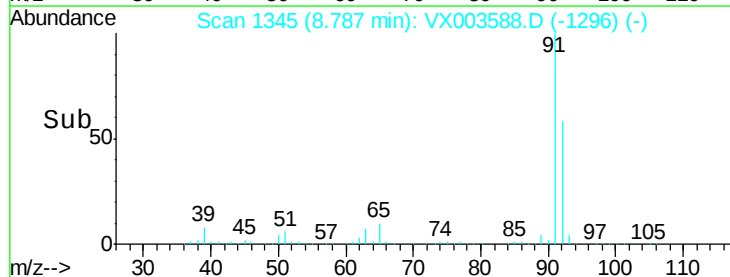
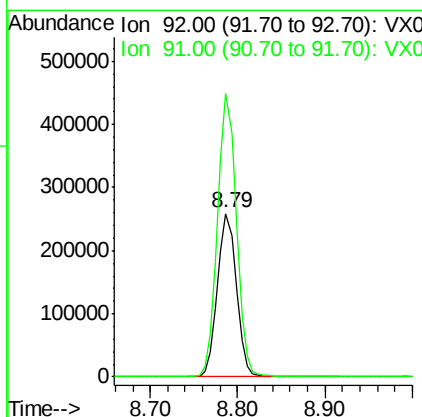
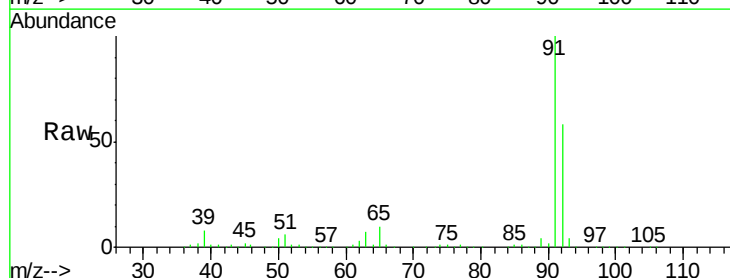
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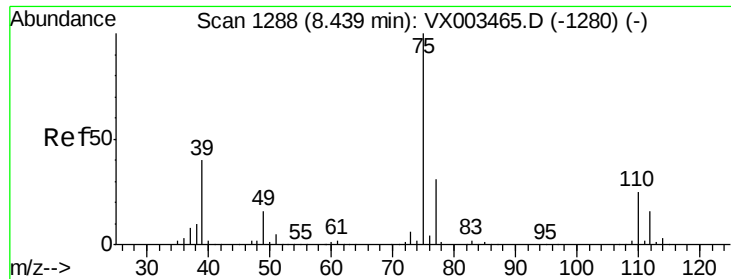
MMDadoda
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#52
Toluene
Concen: 49.93 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.00 min
Lab File: VX003588.D
Acq: 22 Jul 2018 07:14

Tgt Ion	Ratio	Lower	Upper
92	100		
91	172.9	140.4	210.6





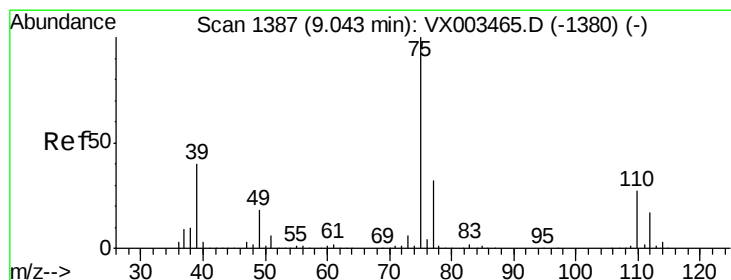
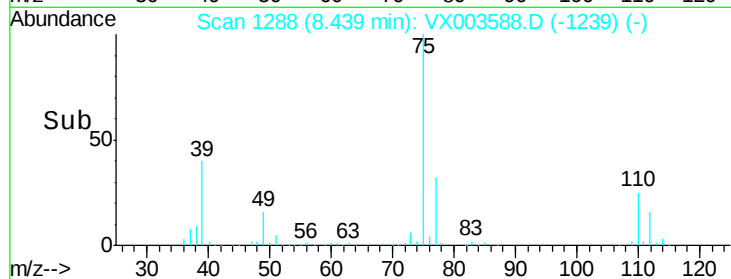
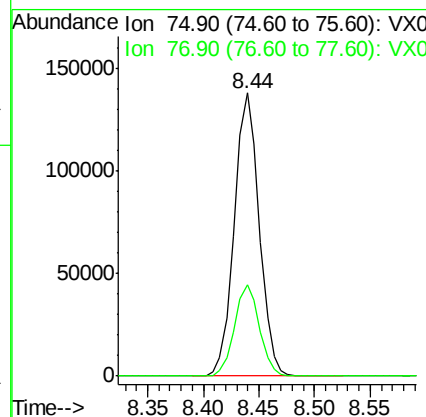
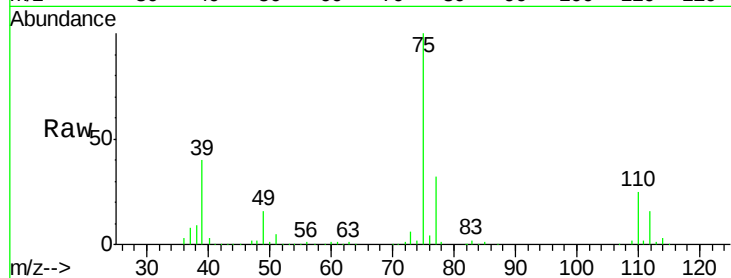
#53
 t-1,3-Dichloropropene
 Concen: 46.83 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. -0.00 min
 Lab File: VX003588.D
 Acq: 22 Jul 2018 07:14

Instrument :
 MSVOA_X
 ClientSampleId :
 KY030LC068-W-180716MSD

Tot Ion: 75 Resp: 214159
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.4 38.2

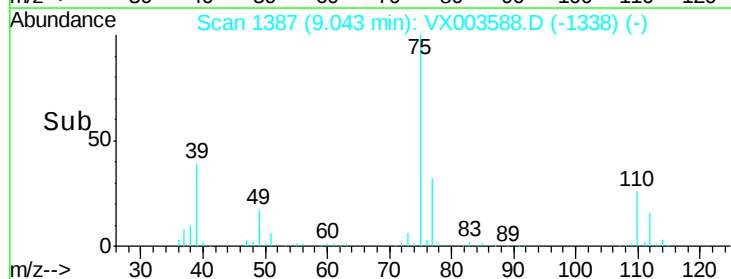
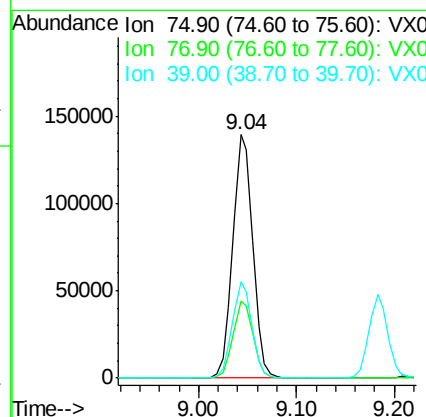
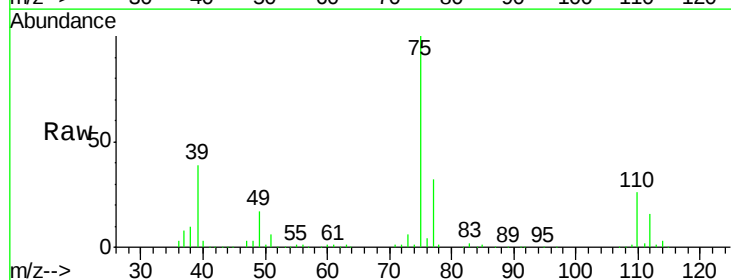
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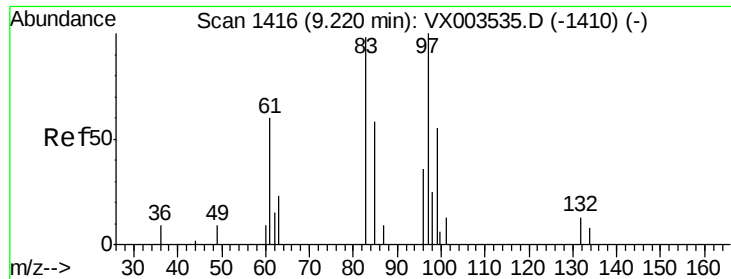
MMDadoda
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#54
 cis-1,3-Dichloropropene
 Concen: 48.11 ug/l
 RT: 9.04 min Scan# 1387
 Delta R.T. -0.00 min
 Lab File: VX003588.D
 Acq: 22 Jul 2018 07:14

Tgt Ion: 75 Resp: 197854
 Ion Ratio Lower Upper
 75 100
 77 31.9 24.8 37.2
 39 39.3 42.4 63.6#





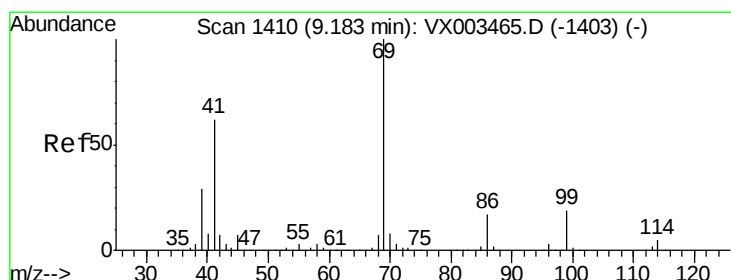
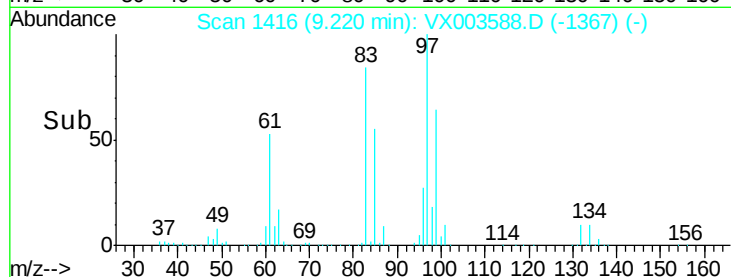
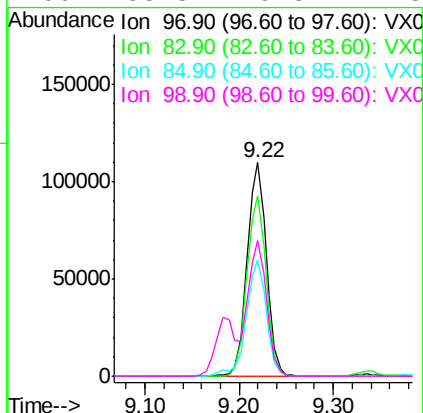
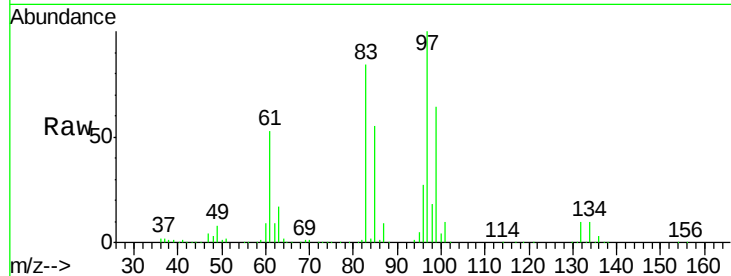
#55
 1,1,2-Trichloroethane
 Concen: 50.69 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX003588.D
 Acq: 22 Jul 2018 07:14

Instrument :
 MSVOA_X
 ClientSampleId :
 KY030LC068-W-180716MSD

Tot Ion:	97	Resp:	157634
Ion	Ratio	Lower	Upper
97	100		
83	84.4	70.2	105.2
85	54.7	44.9	67.3
99	63.8	49.8	74.8

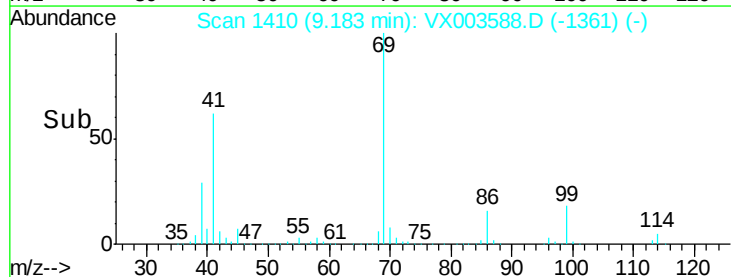
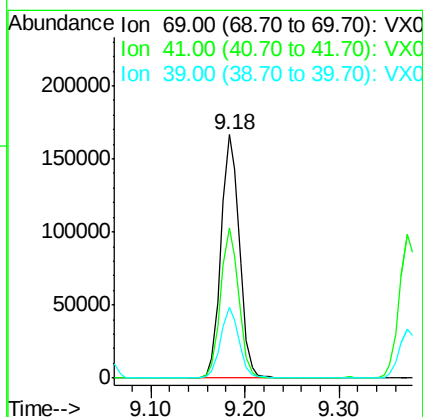
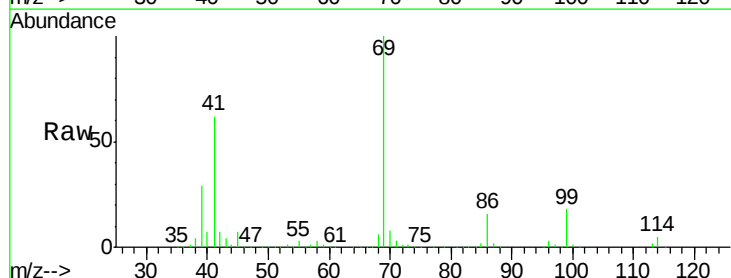
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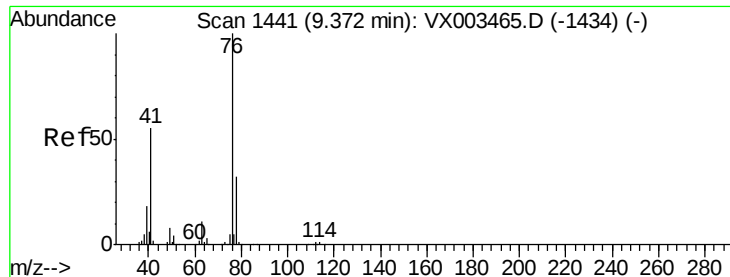
MMDadoda
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#56
 Ethyl methacrylate
 Concen: 51.54 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX003588.D
 Acq: 22 Jul 2018 07:14

Tgt Ion:	69	Resp:	225726
Ion	Ratio	Lower	Upper
69	100		
41	60.9	60.3	90.5
39	28.7	35.8	53.8#





#57

1,3-Dichloropropane

Concen: 50.62 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. -0.00 min

Lab File: VX003588.D

Acq: 22 Jul 2018 07:14

Instrument :

MSVOA_X

ClientSampleId :

KY030LC068-W-180716MSD

Tot Ion: 76 Resp: 254448

Ion Ratio Lower Upper

76 100

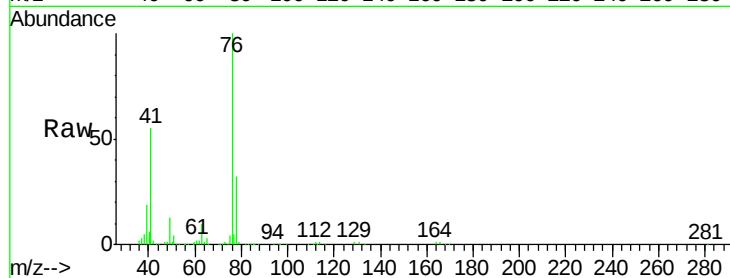
78 32.0 25.8 38.6

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

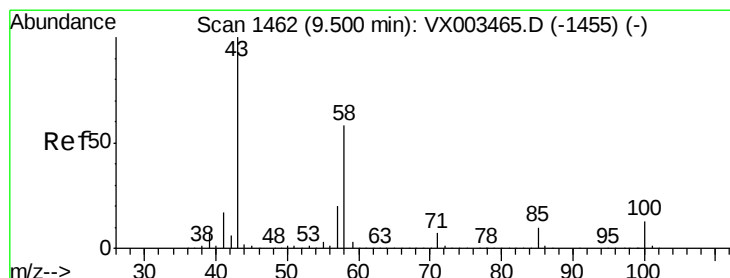
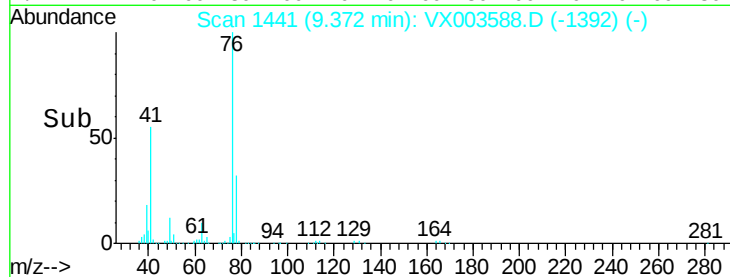
100000

50000

0

9.30 9.40 9.50

Time-->



#59

2-Hexanone

Concen: 245.53 ug/l

RT: 9.50 min Scan# 1462

Delta R.T. -0.00 min

Lab File: VX003588.D

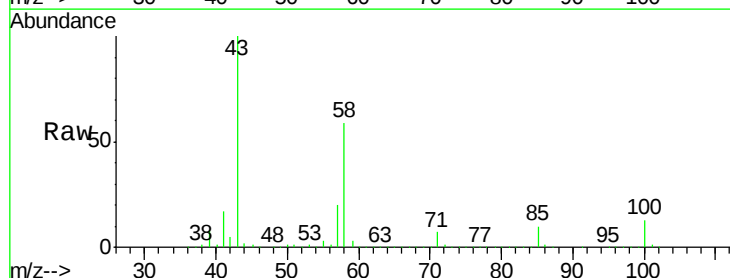
Acq: 22 Jul 2018 07:14

Tgt Ion: 43 Resp: 711366

Ion Ratio Lower Upper

43 100

58 58.4 24.6 73.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

9.50

600000

500000

400000

300000

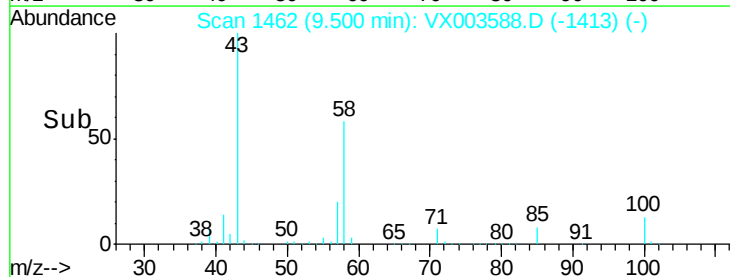
200000

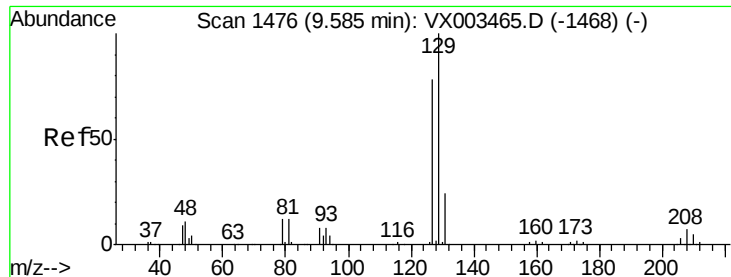
100000

0

9.40 9.50 9.60

Time-->





#60

Dibromochloromethane

Concen: 53.52 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. -0.00 min

Lab File: VX003588.D

Acq: 22 Jul 2018 07:14

Instrument :

MSVOA_X

ClientSampleId :

KY030LC068-W-180716MSD

Tot Ion:129 Resp: 164736

Ion Ratio Lower Upper

129 100

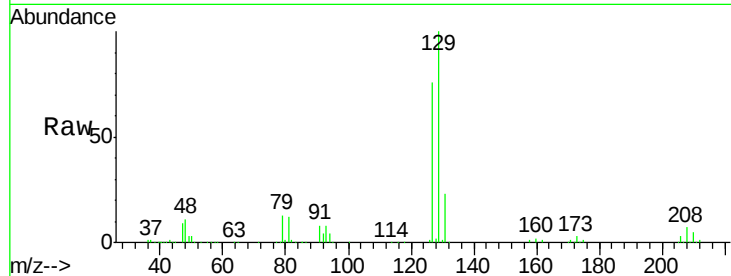
127 76.1 38.5 115.3

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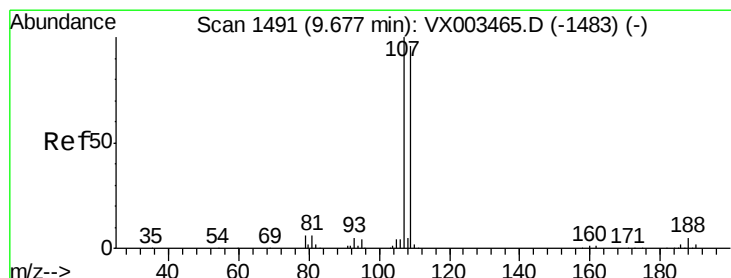
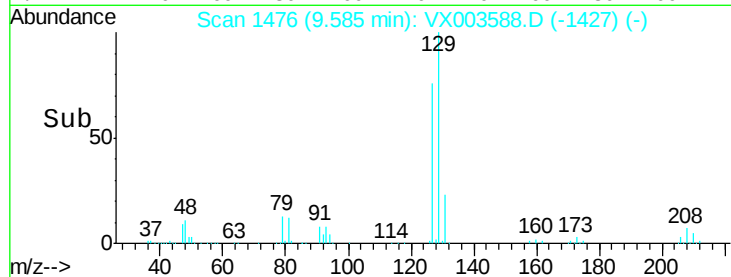
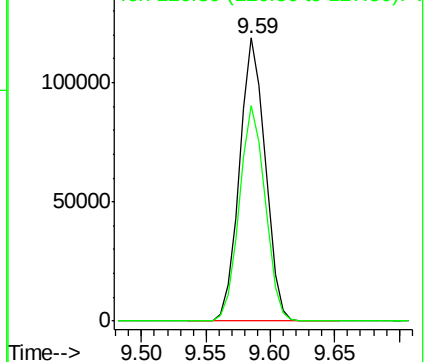
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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 50.45 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX003588.D

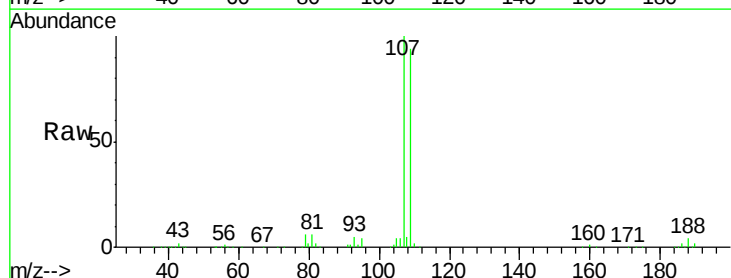
Acq: 22 Jul 2018 07:14

Tgt Ion:107 Resp: 162646

Ion Ratio Lower Upper

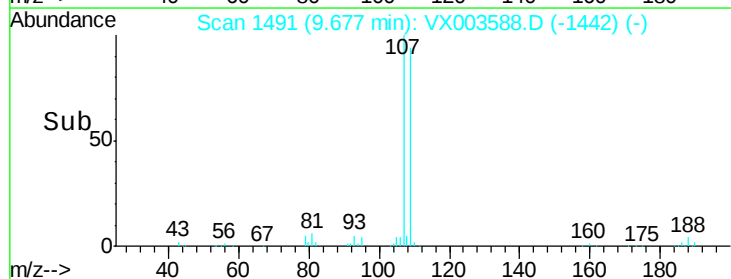
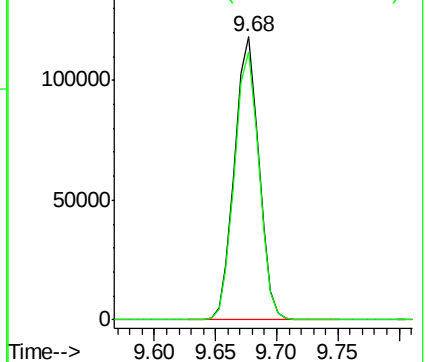
107 100

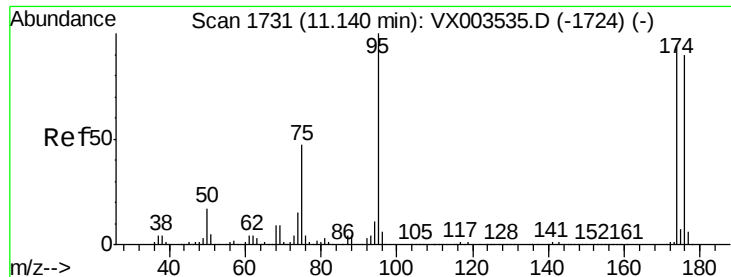
109 95.7 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





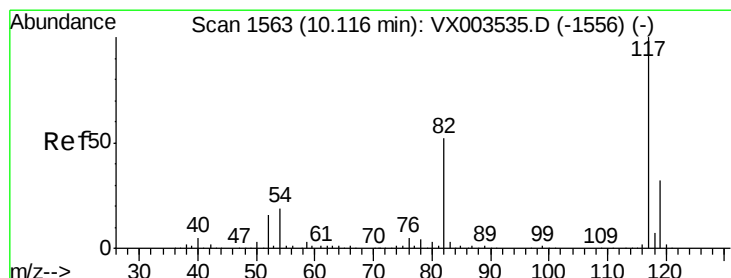
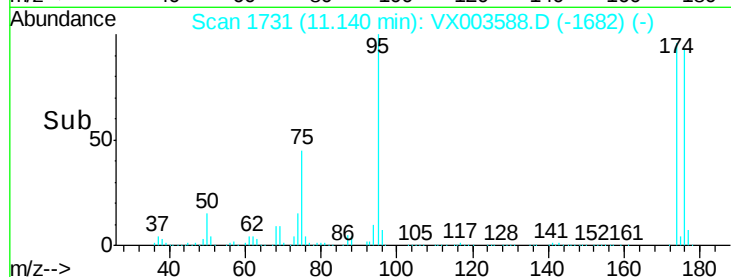
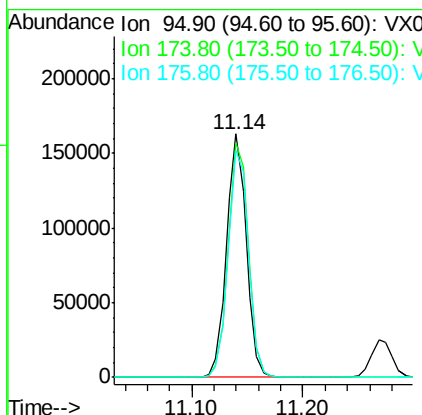
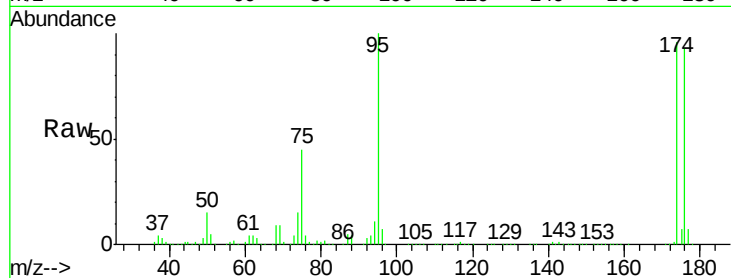
#62
4-Bromofluorobenzene
Concen: 50.08 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003588.D
Acq: 22 Jul 2018 07:14

Instrument :
MSVOA_X
ClientSampleId :
KY030LC068-W-180716MSD

Tot Ion	Ratio	Resp	Lower	Upper
95	100	199274		
174	99.5	0.0	187.4	
176	96.6	0.0	181.0	

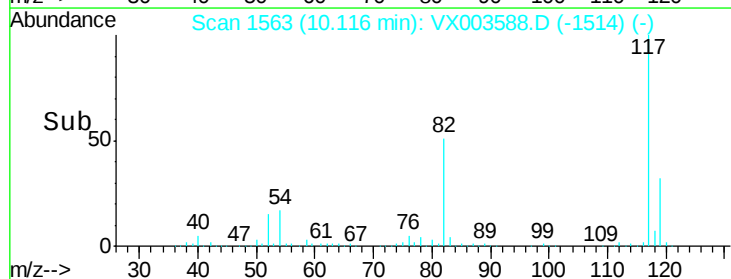
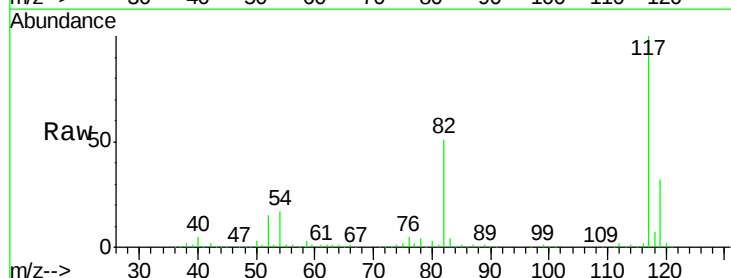
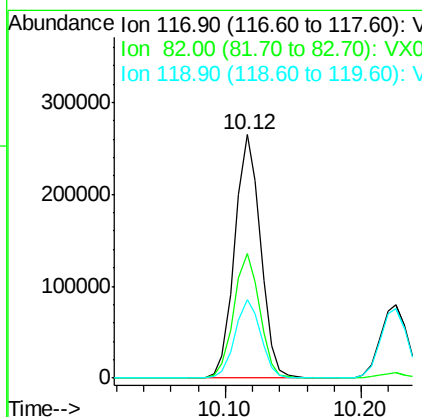
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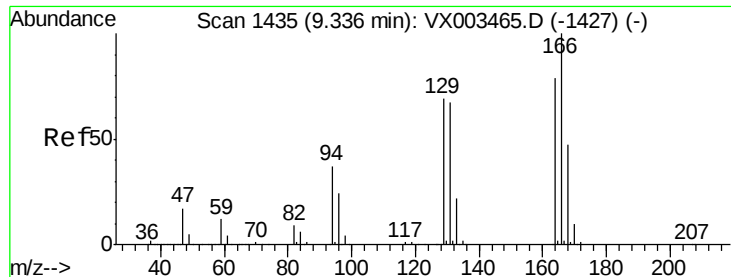
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#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003588.D
Acq: 22 Jul 2018 07:14

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	350837		
82	51.0	45.0	67.4	
119	32.2	25.8	38.6	





#64

Tetrachloroethene

Concen: 48.41 ug/l

RT: 9.34 min Scan# 1435

Delta R.T. -0.00 min

Lab File: VX003588.D

Acq: 22 Jul 2018 07:14

Instrument :

MSVOA_X

ClientSampleId :

KY030LC068-W-180716MSD

Tot Ion:164 Resp: 206936

Ion Ratio Lower Upper

164 100

166 127.9 102.9 154.3

129 88.2 68.6 102.8

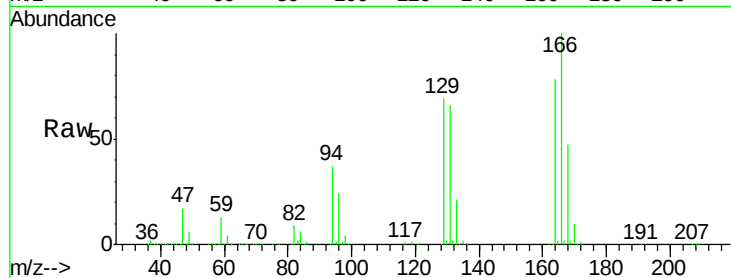
131 84.6 66.8 100.2

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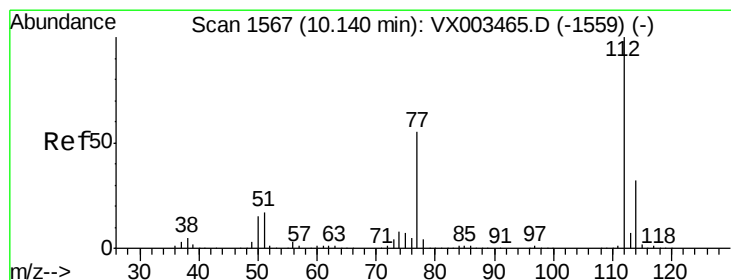
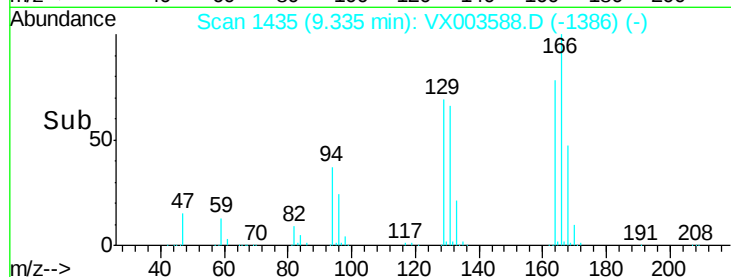
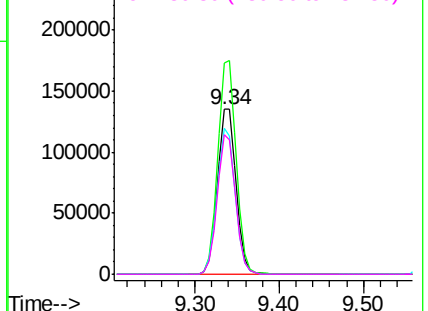


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 49.45 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX003588.D

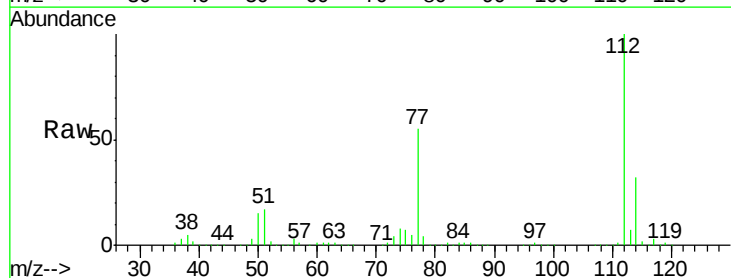
Acq: 22 Jul 2018 07:14

Tgt Ion:112 Resp: 447036

Ion Ratio Lower Upper

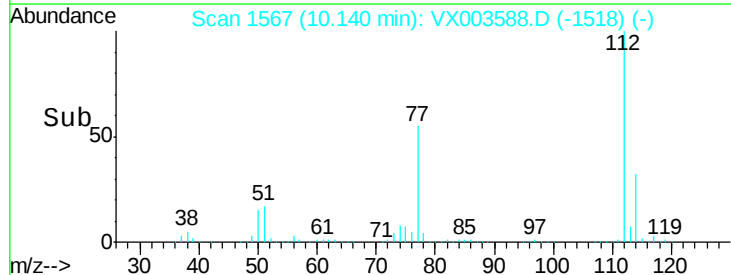
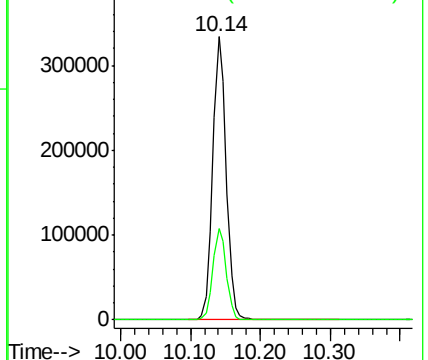
112 100

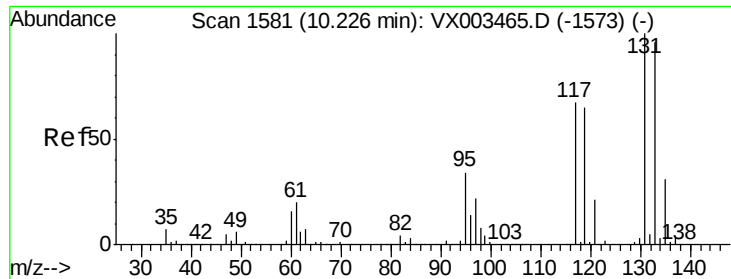
114 32.2 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 52.33 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX003588.D

Acq: 22 Jul 2018 07:14

Instrument :

MSVOA_X

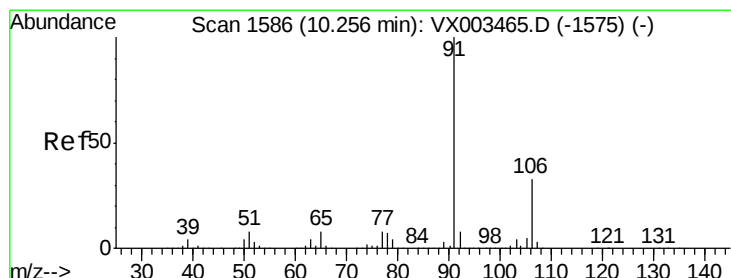
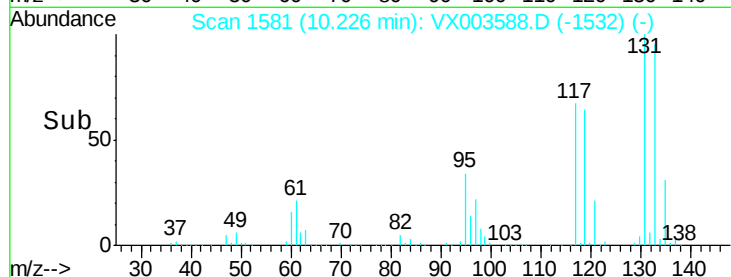
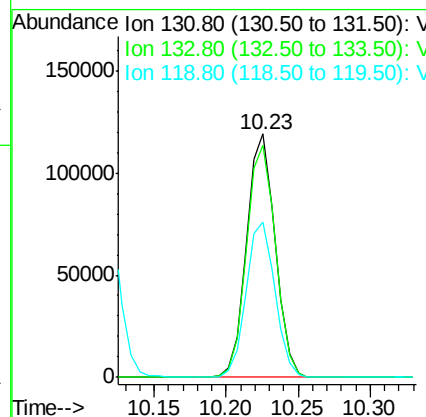
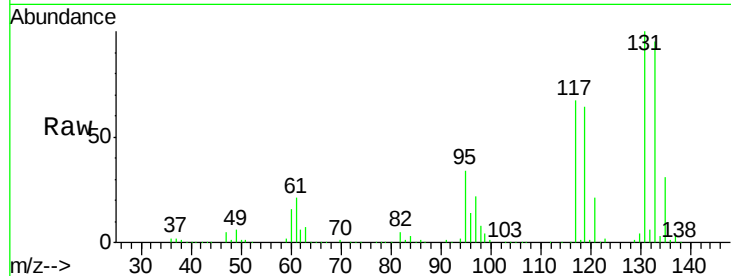
ClientSampleId :

KY030LC068-W-180716MSD

Tot Ion	Ratio	Lower	Upper
131	100		
133	96.5	47.9	143.6
119	64.4	31.8	95.3

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#67

Ethyl Benzene

Concen: 50.38 ug/l

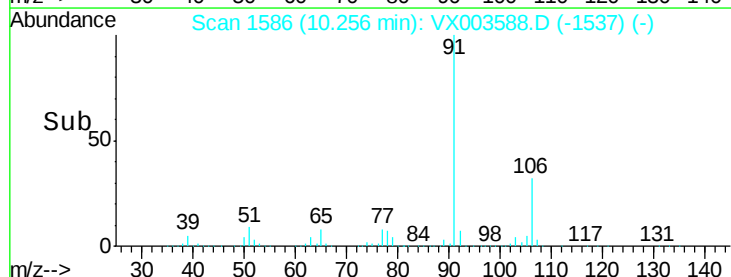
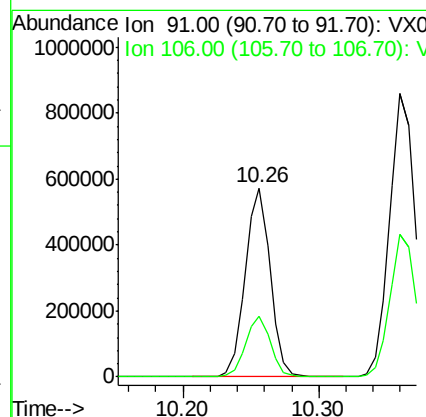
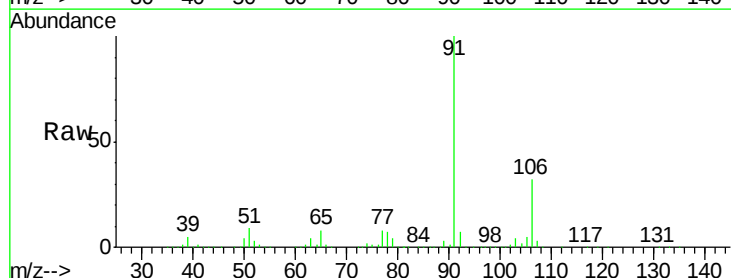
RT: 10.26 min Scan# 1586

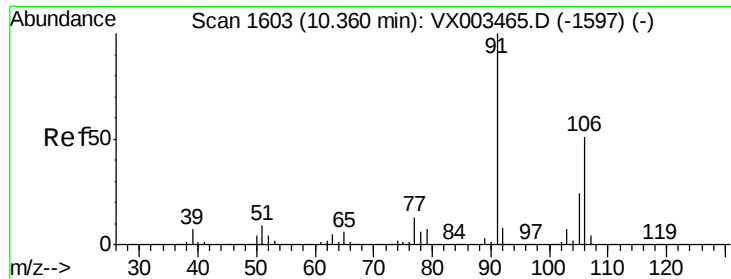
Delta R.T. -0.00 min

Lab File: VX003588.D

Acq: 22 Jul 2018 07:14

Tgt Ion	Ratio	Lower	Upper
91	100		
106	32.4	25.5	38.3





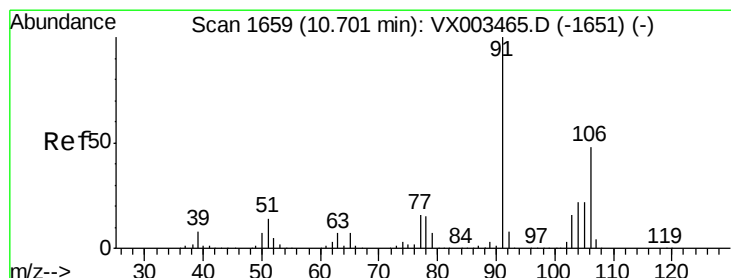
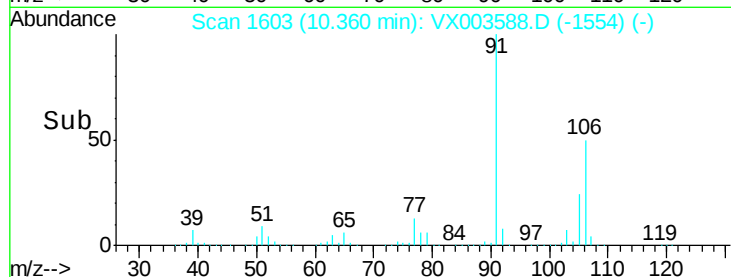
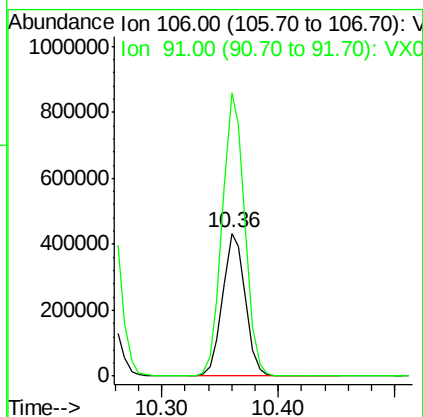
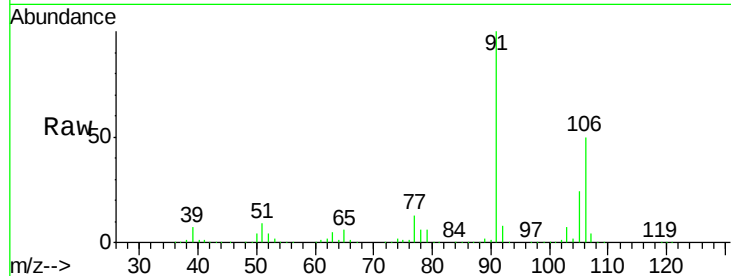
#68
m/p-Xvlenes
Concen: 101.58 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX003588.D
Acq: 22 Jul 2018 07:14

Instrument :
MSVOA_X
ClientSampleId :
KY030LC068-W-180716MSD

Tot Ion:106 Resp: 578778
Ion Ratio Lower Upper
106 100
91 197.7 163.4 245.2

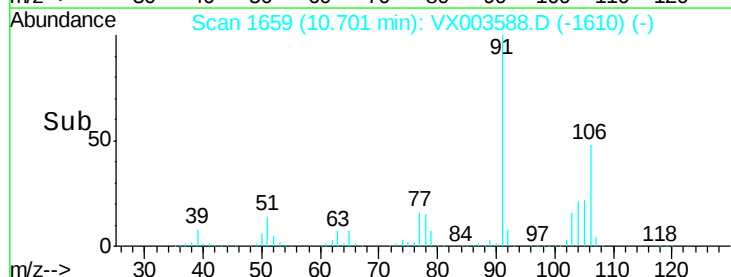
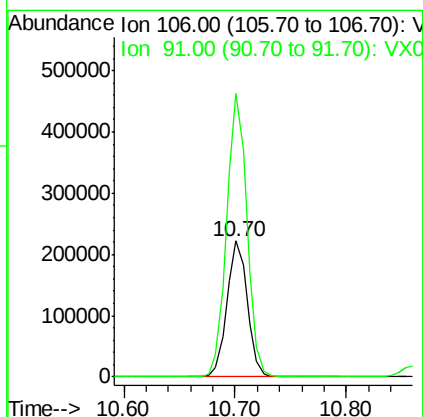
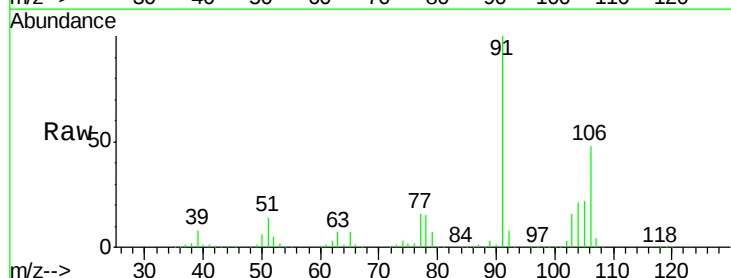
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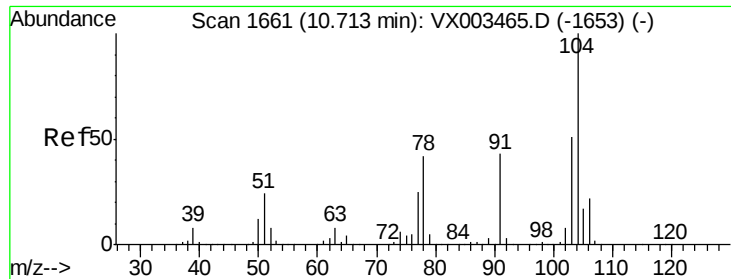
MMDadoda
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#69
o-Xylene
Concen: 50.81 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX003588.D
Acq: 22 Jul 2018 07:14

Tgt Ion:106 Resp: 279939
Ion Ratio Lower Upper
106 100
91 208.7 108.2 324.6





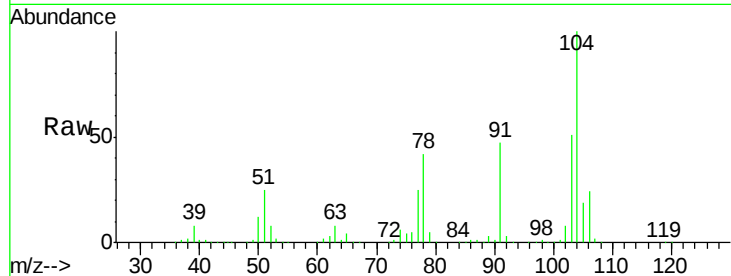
#70
Stvrene
Concen: 52.16 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX003588.D
Acq: 22 Jul 2018 07:14

Instrument :
MSVOA_X
ClientSampleId :
KY030LC068-W-180716MSD

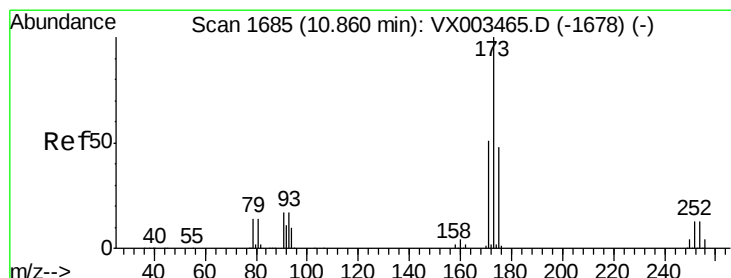
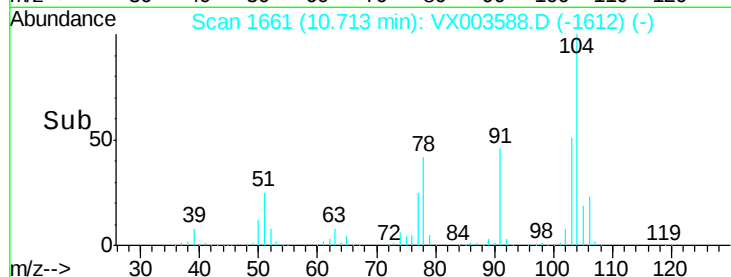
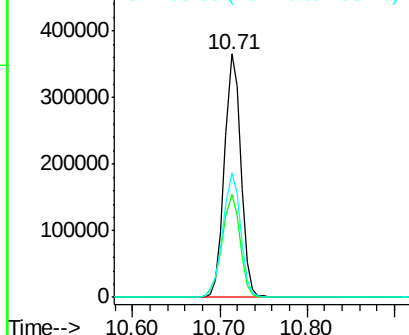
Tot Ion	Ratio	Lower	Upper
104	100		
78	46.4	41.0	61.6
103	55.3	44.2	66.4

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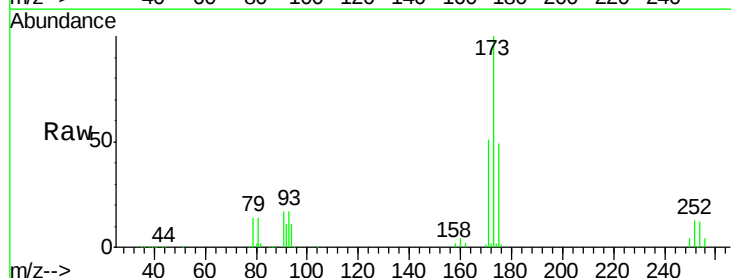


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V

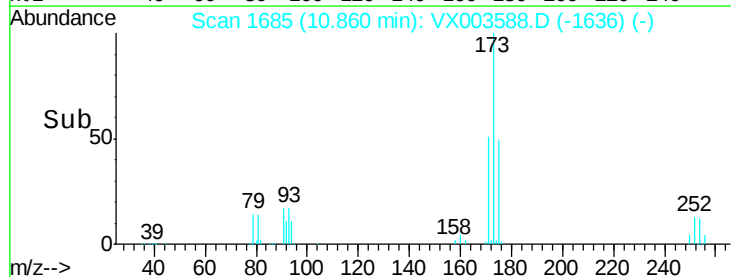
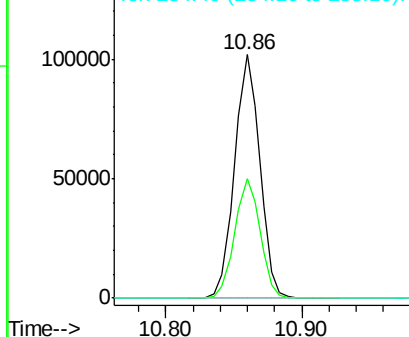


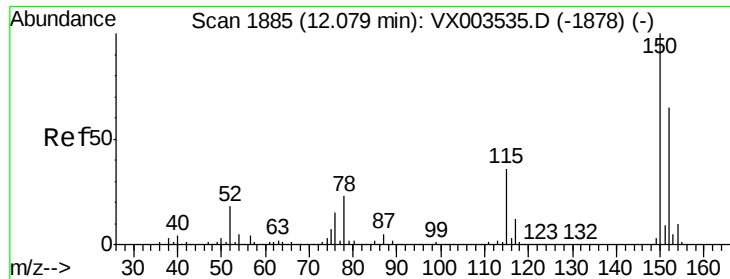
#71
Bromoform
Concen: 54.34 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VX003588.D
Acq: 22 Jul 2018 07:14

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.0	24.7	74.1
254	0.2	0.2	0.2



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. -0.00 min

Lab File: VX003588.D

Acq: 22 Jul 2018 07:14

Instrument :

MSVOA_X

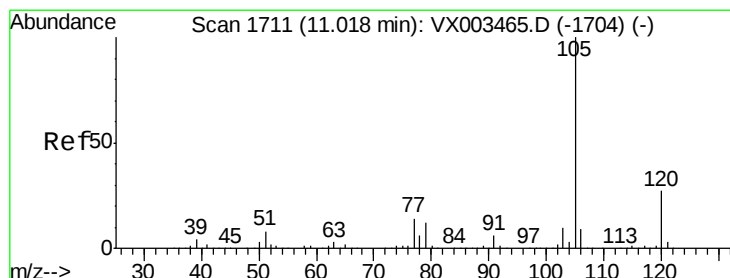
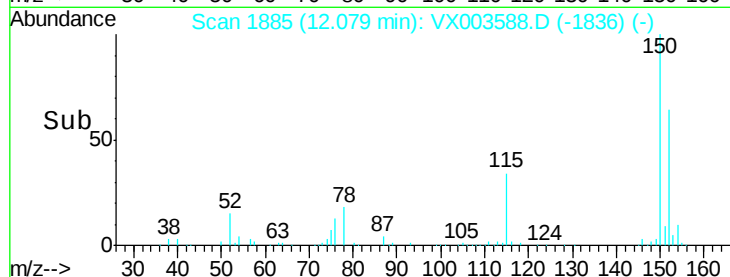
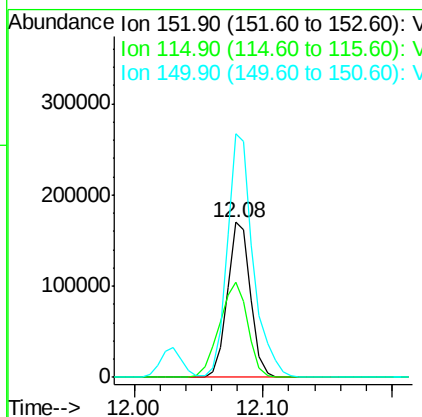
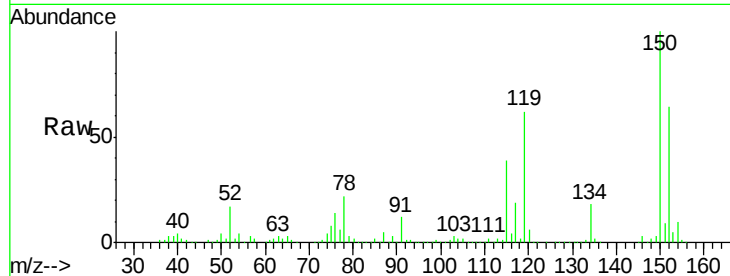
ClientSampleId :

KY030LC068-W-180716MSD

Tot Ion	Ratio	Lower	Upper
152	100		
115	75.2	40.1	120.2
150	174.6	0.0	347.2

Manual Integrations
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#73

Isopropylbenzene

Concen: 50.61 ug/l

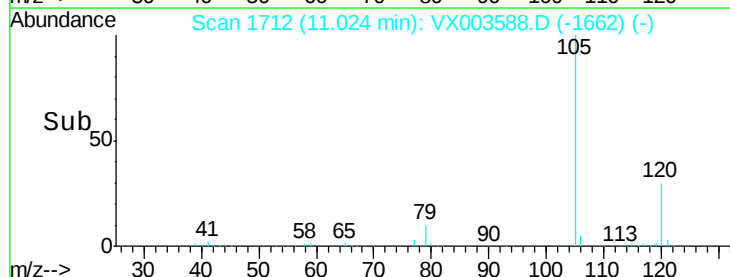
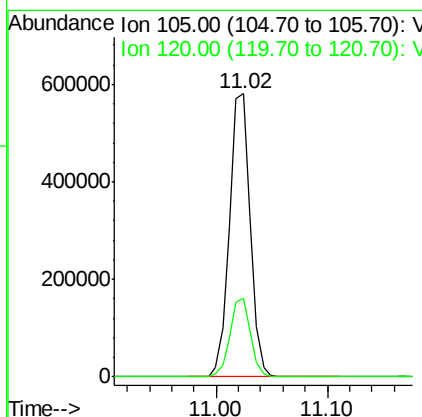
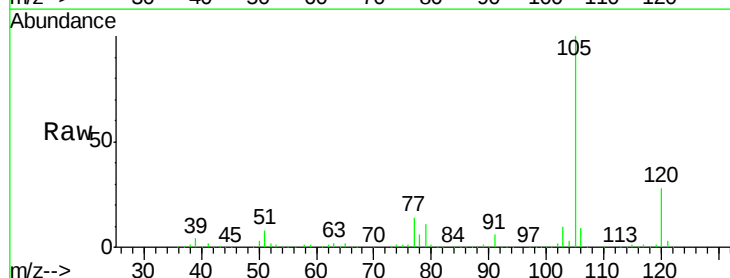
RT: 11.02 min Scan# 1712

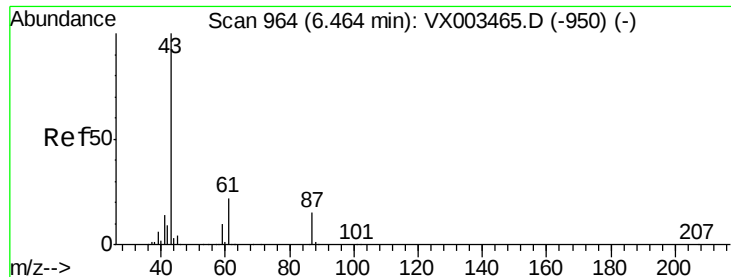
Delta R.T. 0.01 min

Lab File: VX003588.D

Acq: 22 Jul 2018 07:14

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.5	13.5	40.4





#74

N-amvl acetate

Concen: 44.37 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.00 min

Lab File: VX003588.D

Acq: 22 Jul 2018 07:14

Instrument :

MSVOA_X

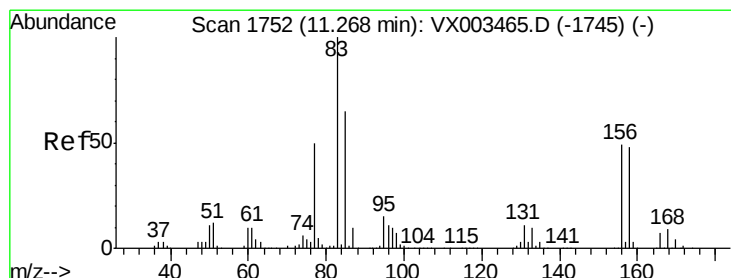
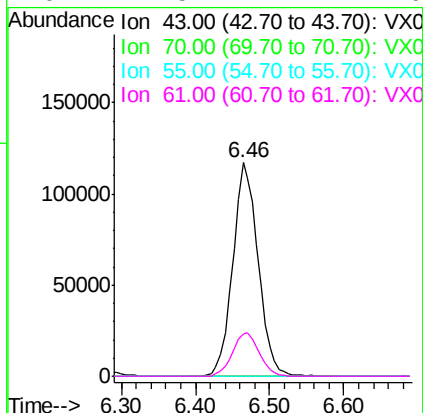
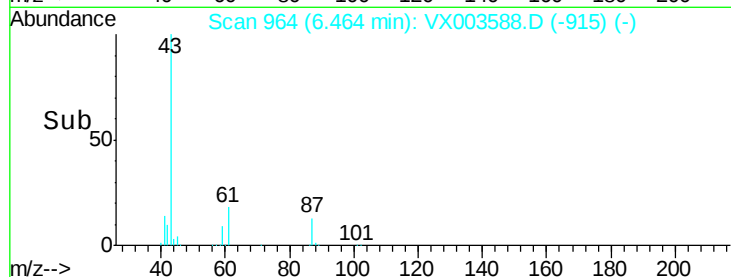
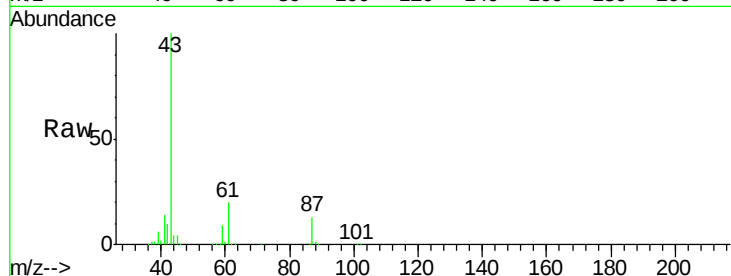
ClientSampleId :

KY030LC068-W-180716MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
43	100		278125		
70	0.0	0.0	0.0#		
55	0.0	0.0	0.0#		
61	21.5	14.4	21.6		

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#75

1,1,2,2-Tetrachloroethane

Concen: 50.43 ug/l

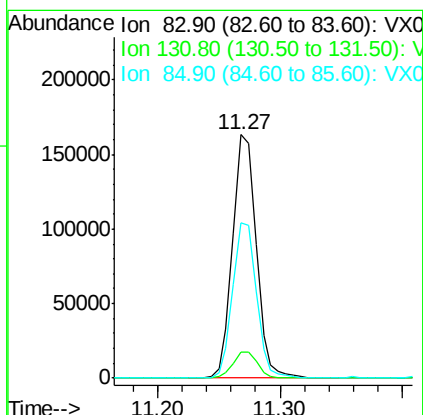
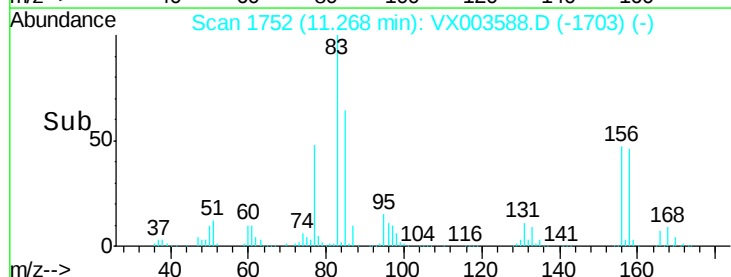
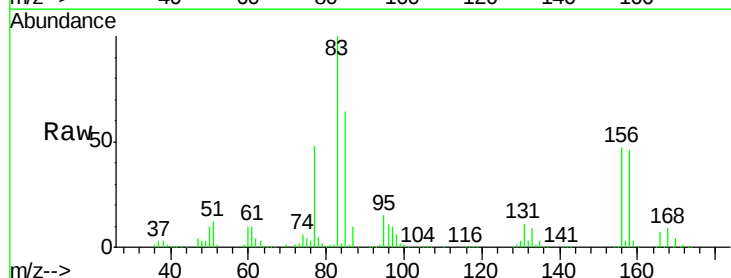
RT: 11.27 min Scan# 1752

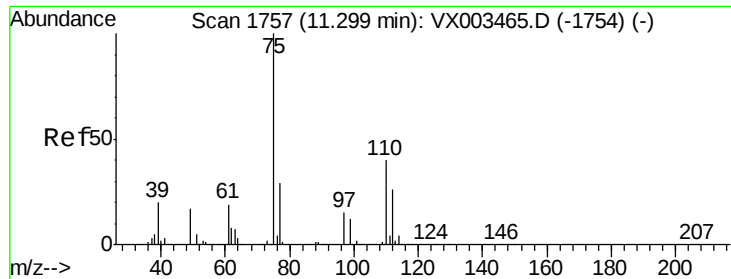
Delta R.T. -0.00 min

Lab File: VX003588.D

Acq: 22 Jul 2018 07:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	100		218133		
131	11.0	5.6	16.8		
85	64.4	32.4	97.2		





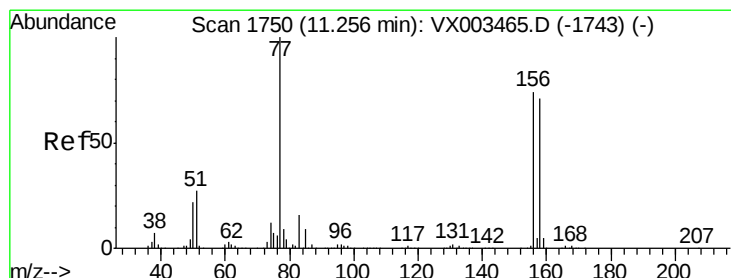
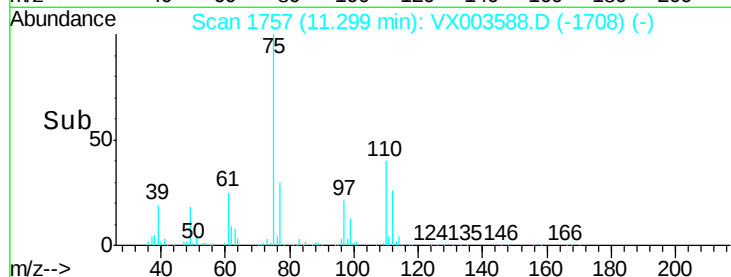
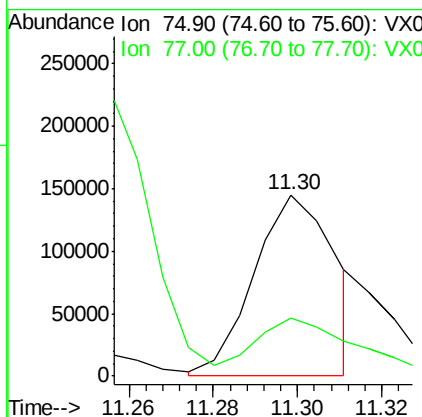
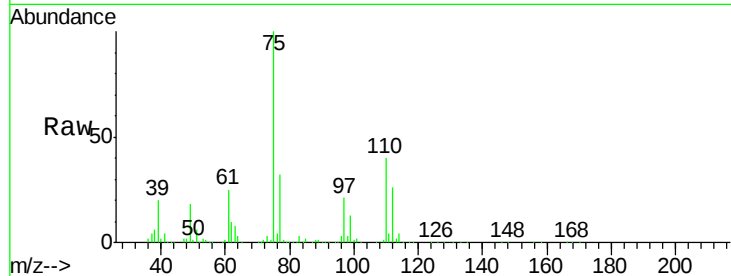
#76
 1,2,3-Trichloropropane
 Concen: 49.97 ug/l m
 RT: 11.30 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VX003588.D
 Acq: 22 Jul 2018 07:14

Instrument :
 MSVOA_X
 ClientSampleId :
 KY030LC068-W-180716MSD

Tot Ion: 75 Resp: 191597
 Ion Ratio Lower Upper
 75 100
 77 40.3 22.8 68.3

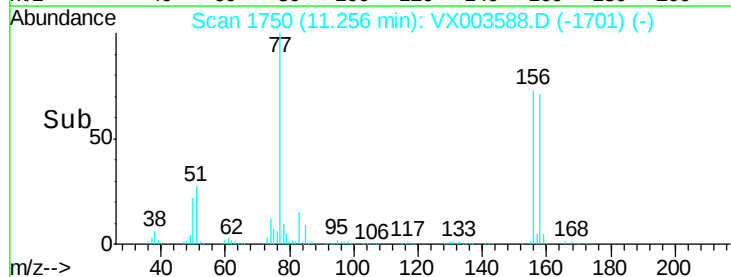
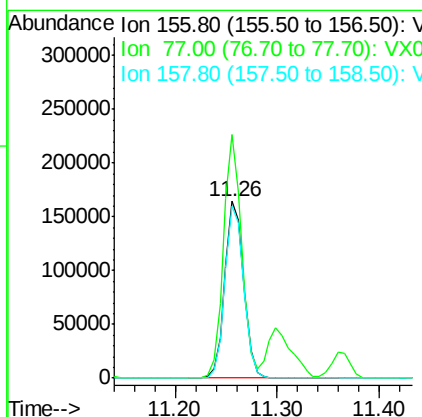
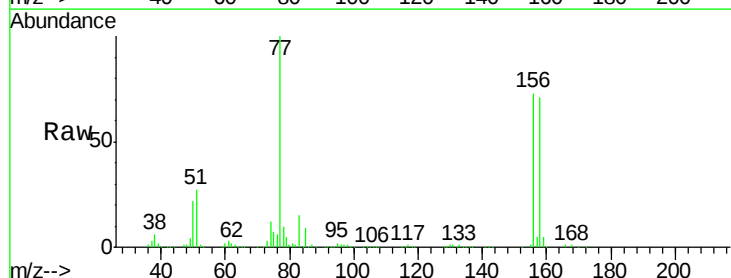
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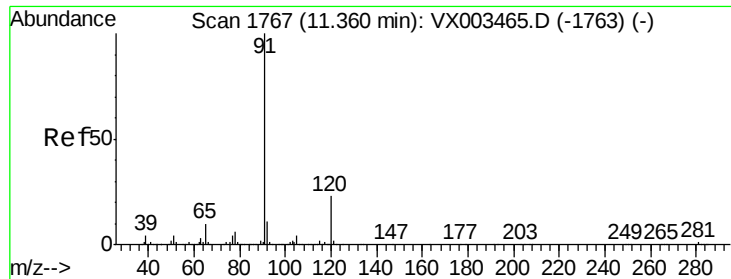
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#77
 Bromobenzene
 Concen: 49.60 ug/l
 RT: 11.26 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX003588.D
 Acq: 22 Jul 2018 07:14

Tgt Ion: 156 Resp: 210579
 Ion Ratio Lower Upper
 156 100
 77 133.1 71.4 214.2
 158 97.3 48.9 146.6





#78

n-propylbenzene

Concen: 50.49 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VX003588.D

Acq: 22 Jul 2018 07:14

Instrument :

MSVOA_X

ClientSampleId :

KY030LC068-W-180716MSD

Tot Ion: 91 Resp: 828396

Ion Ratio Lower Upper

91 100

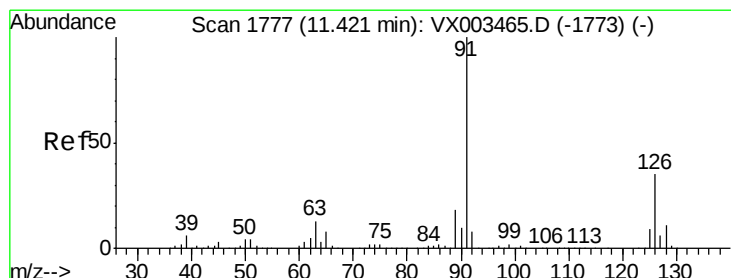
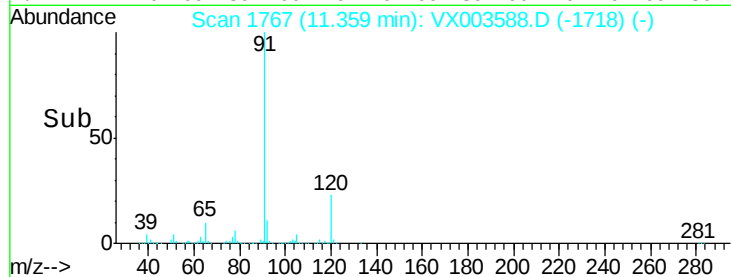
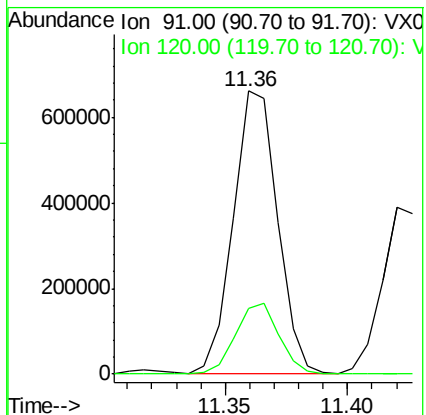
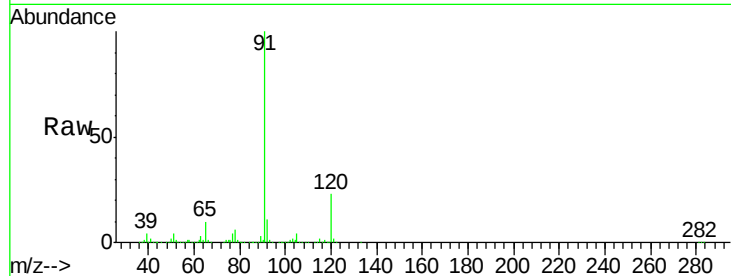
120 24.8 11.8 35.4

Manual Integrations

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#79

2-Chlorotoluene

Concen: 49.76 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. -0.00 min

Lab File: VX003588.D

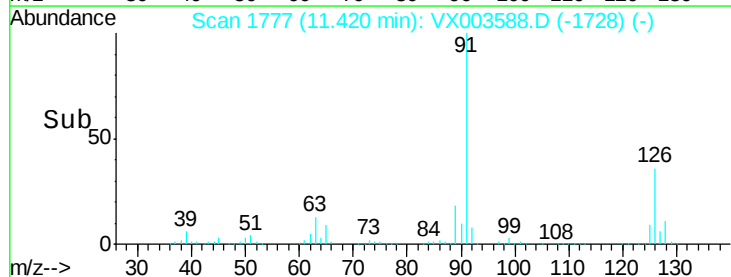
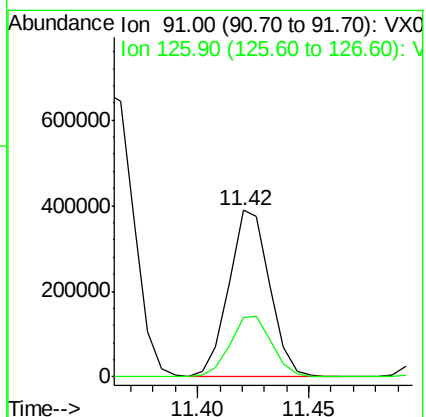
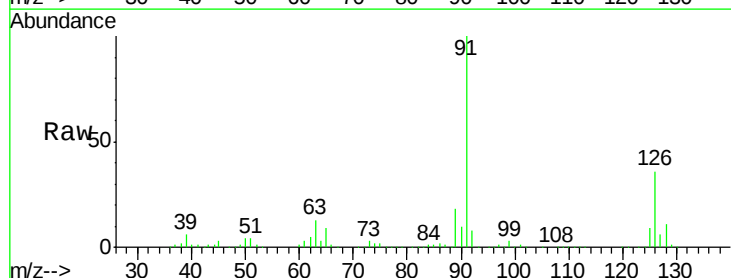
Acq: 22 Jul 2018 07:14

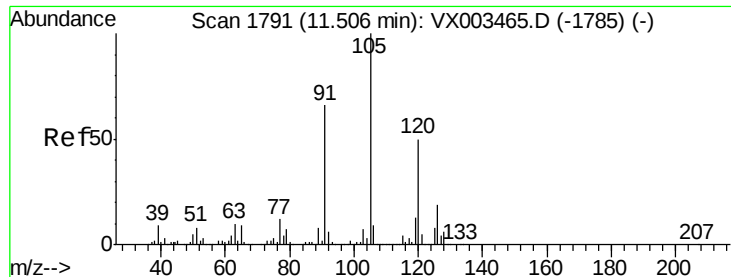
Tgt Ion: 91 Resp: 495656

Ion Ratio Lower Upper

91 100

126 37.0 17.7 53.1





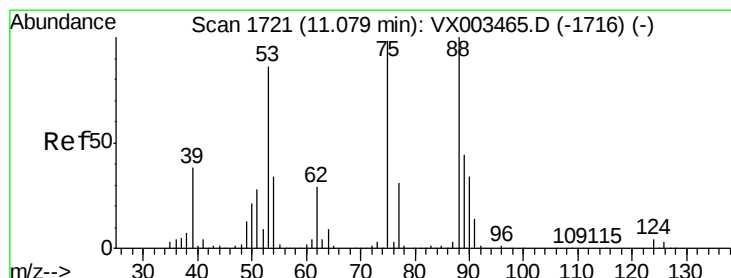
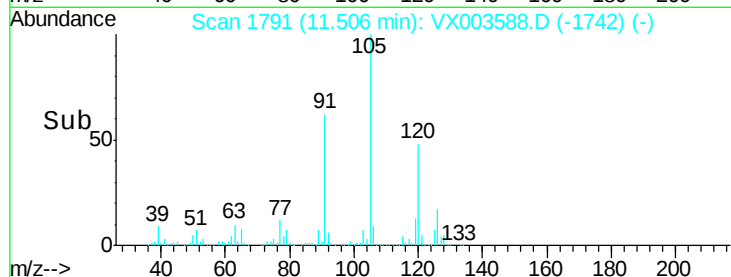
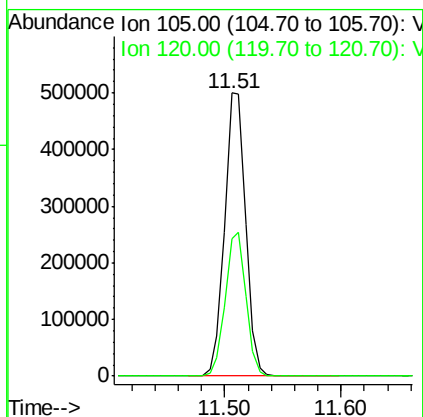
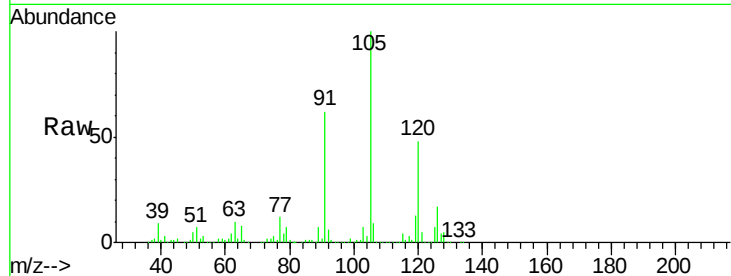
#80
 1,3,5-Trimethylbenzene
 Concen: 51.35 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX003588.D
 Acq: 22 Jul 2018 07:14

Instrument :
 MSVOA_X
 ClientSampleId :
 KY030LC068-W-180716MSD

Tot Ion:105 Resp: 622990
 Ion Ratio Lower Upper
 105 100
 120 49.9 24.4 73.4

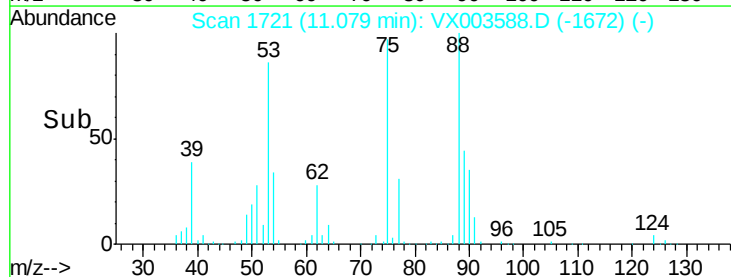
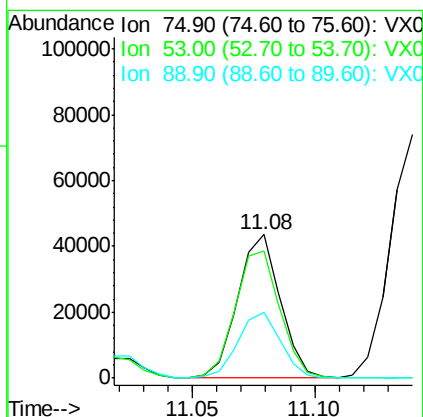
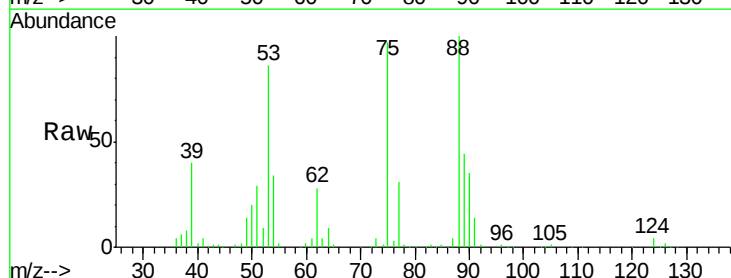
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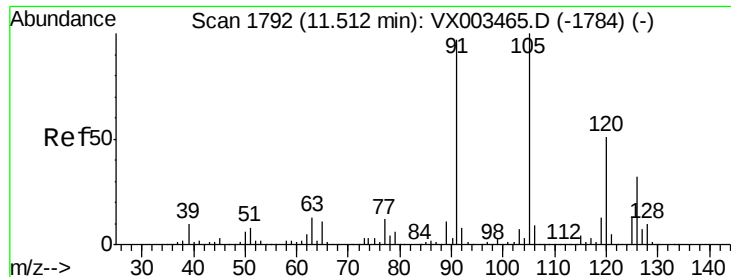
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 39.57 ug/l
 RT: 11.08 min Scan# 1721
 Delta R.T. 0.00 min
 Lab File: VX003588.D
 Acq: 22 Jul 2018 07:14

Tgt Ion: 75 Resp: 52717
 Ion Ratio Lower Upper
 75 100
 53 93.1 86.8 130.2
 89 46.4 38.2 57.2





#82

4-Chlorotoluene

Concen: 49.67 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX003588.D

Acq: 22 Jul 2018 07:14

Instrument :

MSVOA_X

ClientSampleId :

KY030LC068-W-180716MSD

Tot Ion: 91 Resp: 579754

Ion Ratio Lower Upper

91 100

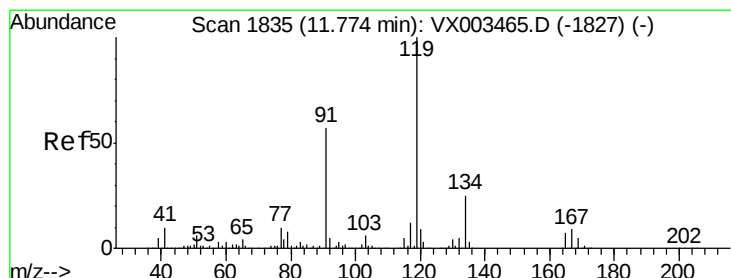
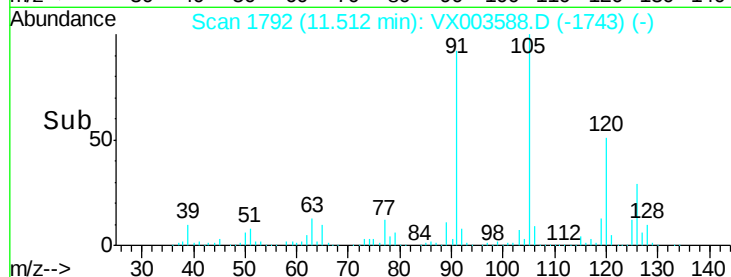
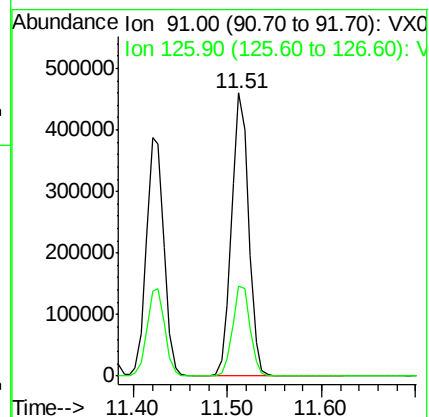
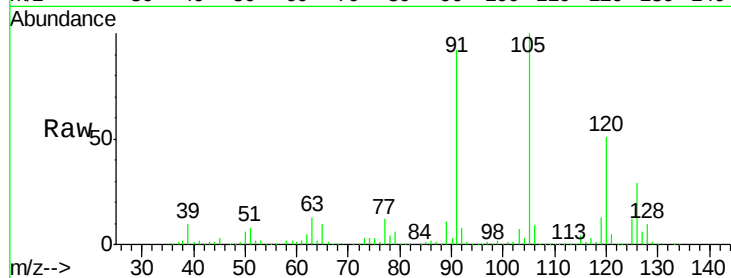
126 32.5 15.4 46.4

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#83

tert-Butylbenzene

Concen: 51.23 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX003588.D

Acq: 22 Jul 2018 07:14

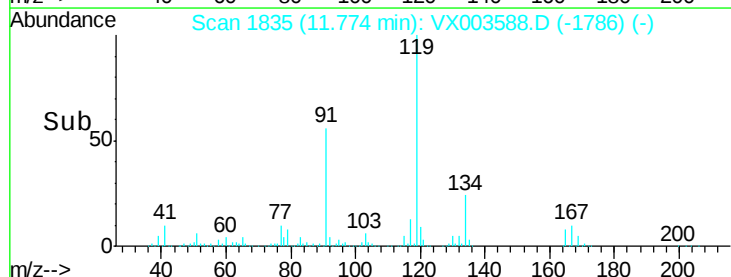
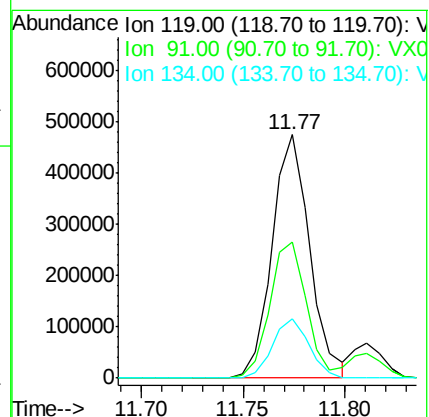
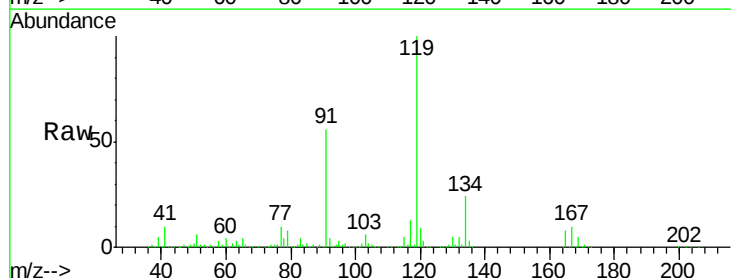
Tgt Ion: 119 Resp: 608566

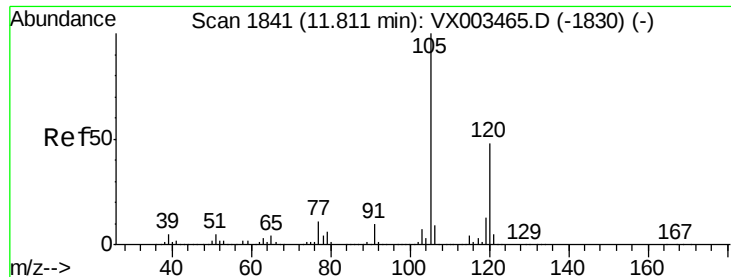
Ion Ratio Lower Upper

119 100

91 54.5 30.3 90.9

134 23.7 11.7 35.1





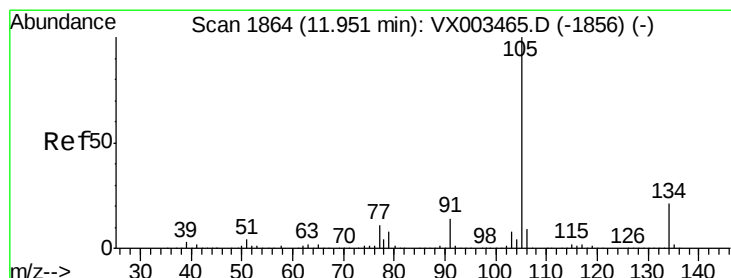
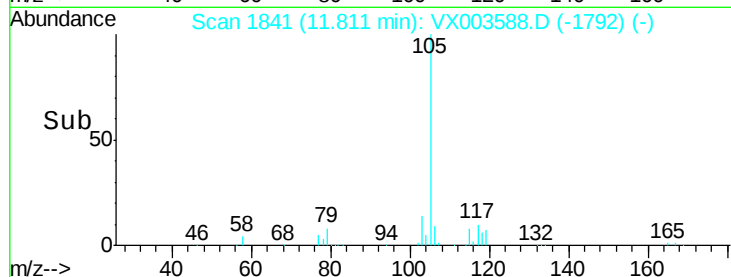
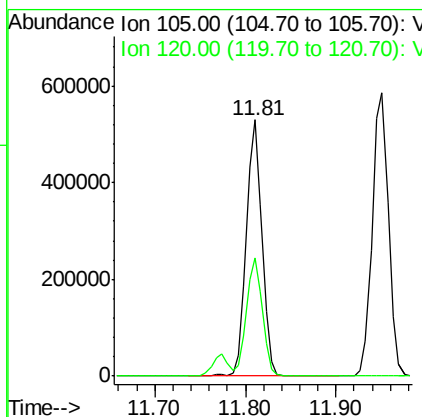
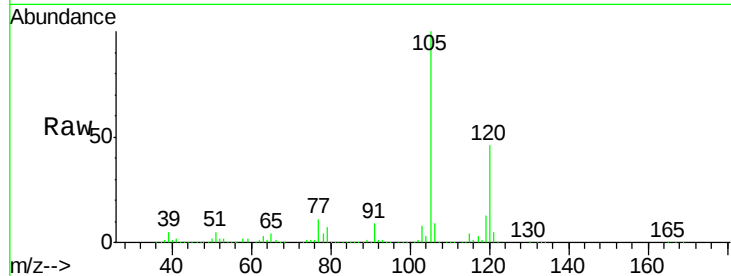
#84
 1,2,4-Trimethylbenzene
 Concen: 51.42 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX003588.D
 Acq: 22 Jul 2018 07:14

Instrument :
 MSVOA_X
 ClientSampleId :
 KY030LC068-W-180716MSD

Tot Ion	Ratio	Lower	Upper
105	100		
120	46.7	22.3	66.8

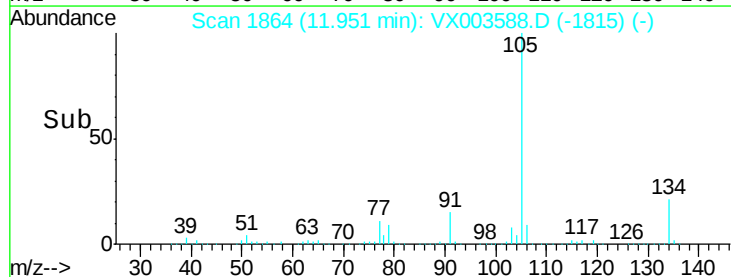
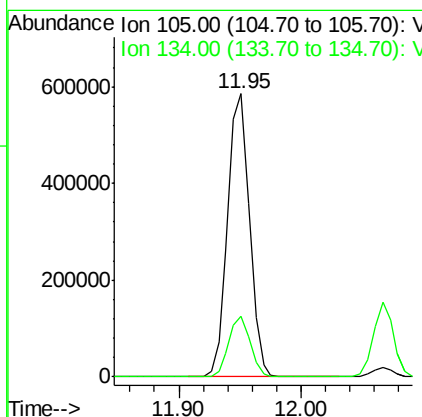
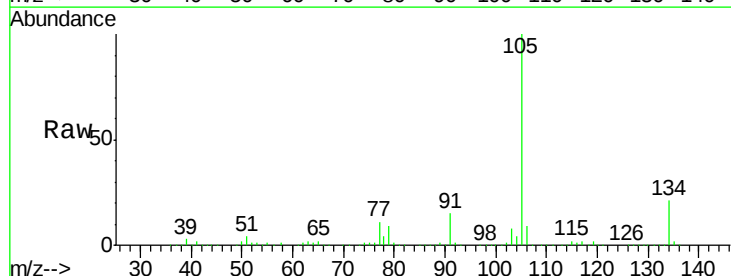
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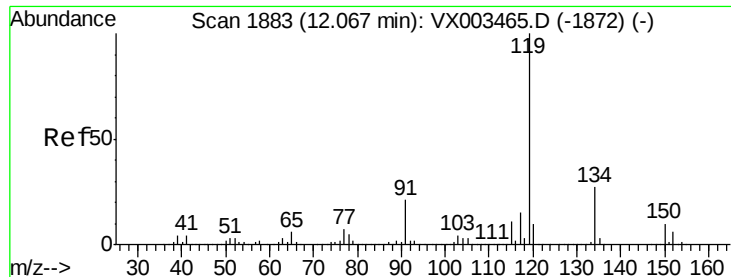
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#85
 sec-Butylbenzene
 Concen: 50.06 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX003588.D
 Acq: 22 Jul 2018 07:14

Tgt Ion	Ratio	Lower	Upper
105	100		
134	21.1	10.4	31.1





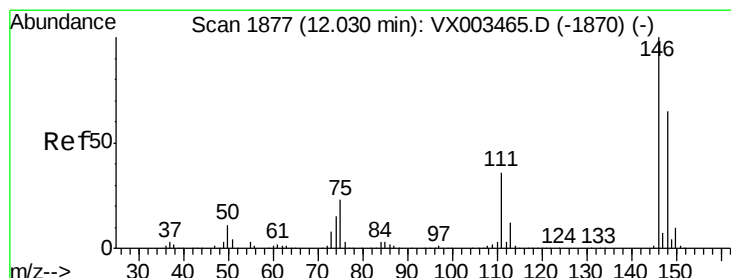
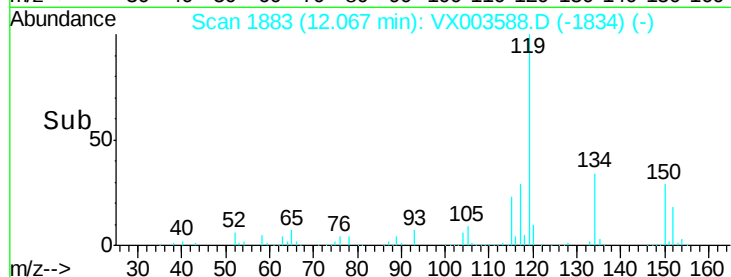
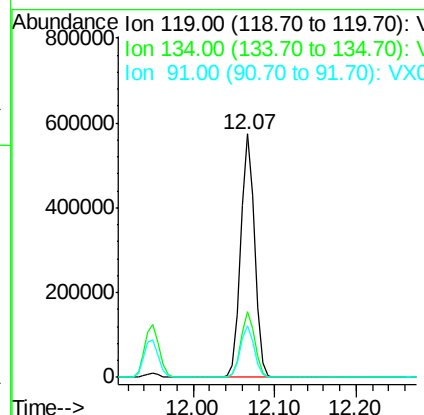
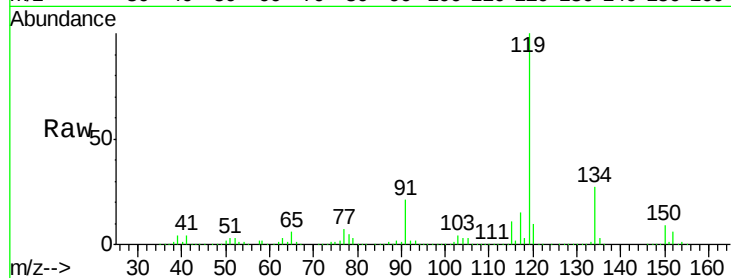
#86
p-Isopropyltoluene
Concen: 50.91 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. -0.00 min
Lab File: VX003588.D
Acq: 22 Jul 2018 07:14

Instrument :
MSVOA_X
ClientSampleId :
KY030LC068-W-180716MSD

Tot Ion	Ratio	Resp	Lower	Upper
119	100	659289		
134	26.8		13.4	40.1
91	21.3		11.9	35.7

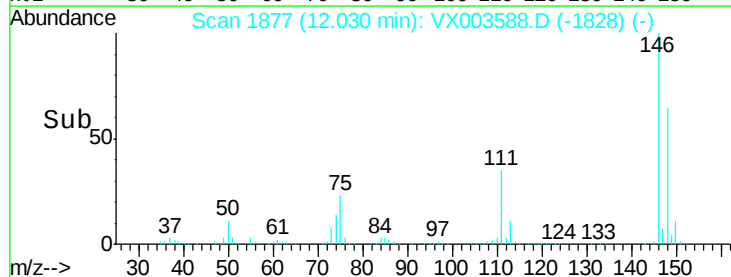
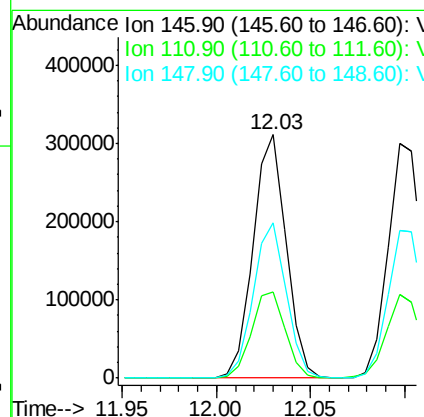
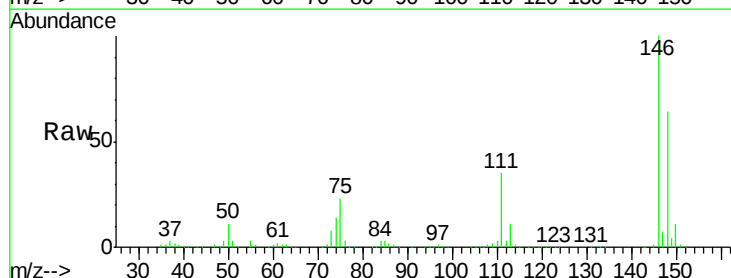
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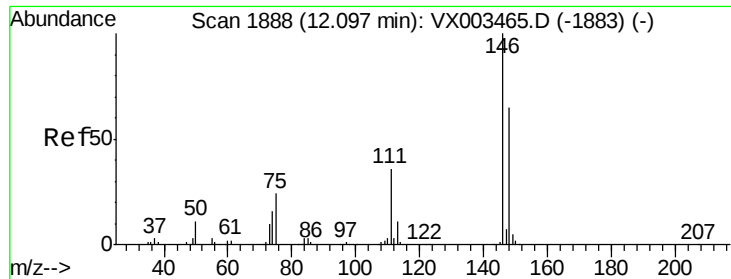
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#87
1,3-Dichlorobenzene
Concen: 48.56 ug/l
RT: 12.03 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX003588.D
Acq: 22 Jul 2018 07:14

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	378933		
111	36.2		18.9	56.7
148	63.7		32.1	96.3





#88

1,4-Dichlorobenzene

Concen: 47.35 ug/l

RT: 12.10 min Scan# 1888

Delta R.T. -0.00 min

Lab File: VX003588.D

Acq: 22 Jul 2018 07:14

Instrument :

MSVOA_X

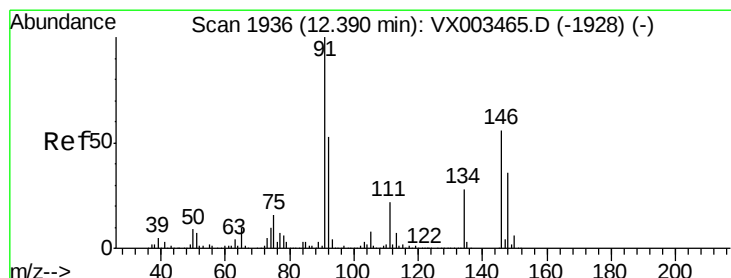
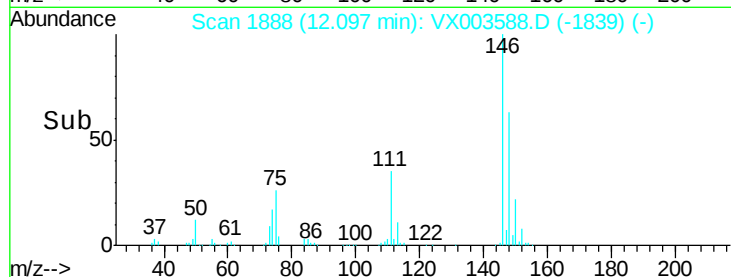
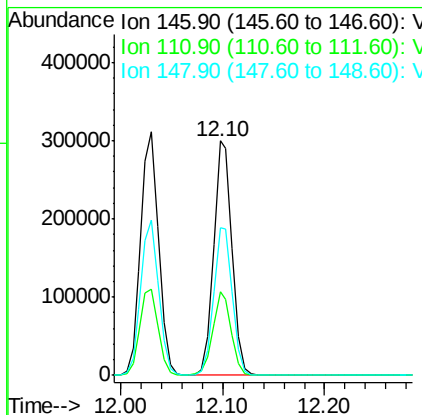
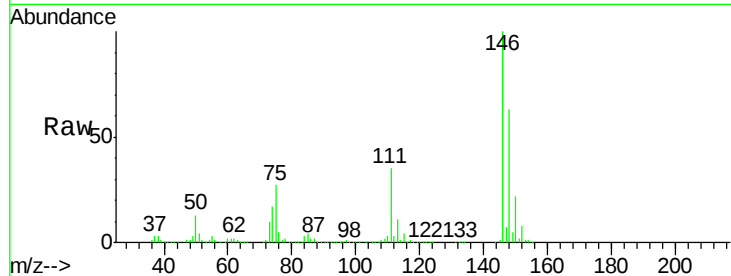
ClientSampleId :

KY030LC068-W-180716MSD

Tot Ion:	146	Resp:	380624
Ion	Ratio	Lower	Upper
146	100		
111	35.4	18.7	56.1
148	64.3	32.4	97.0

Manual Integrations
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#89

n-Butylbenzene

Concen: 48.21 ug/l

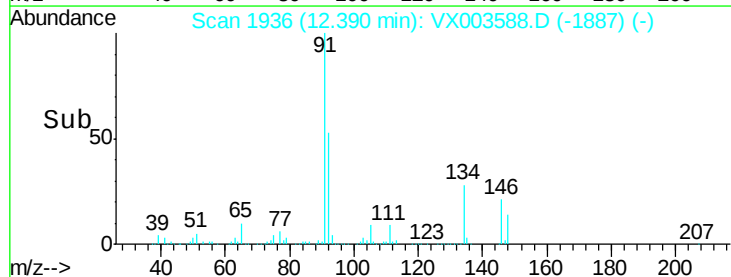
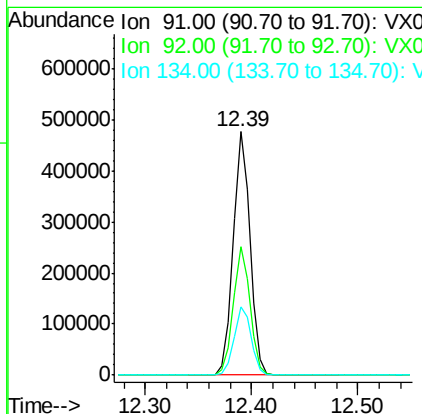
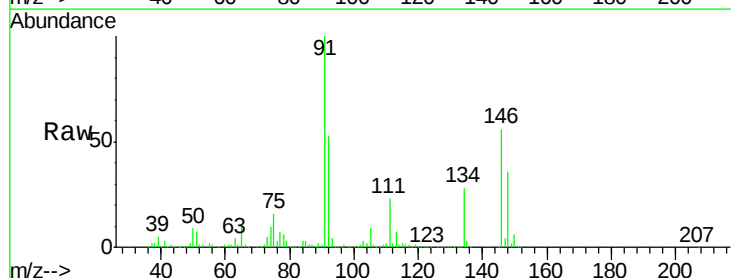
RT: 12.39 min Scan# 1936

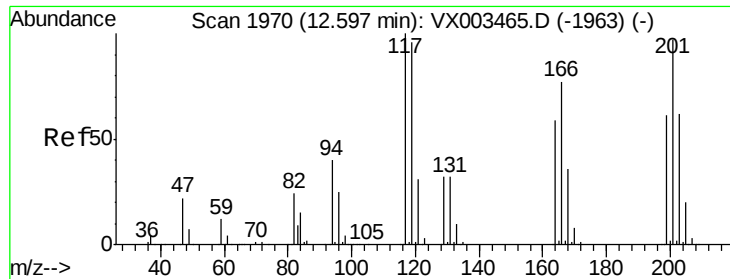
Delta R.T. -0.00 min

Lab File: VX003588.D

Acq: 22 Jul 2018 07:14

Tgt Ion:	91	Resp:	530190
Ion	Ratio	Lower	Upper
91	100		
92	52.7	26.0	78.0
134	28.5	13.5	40.5





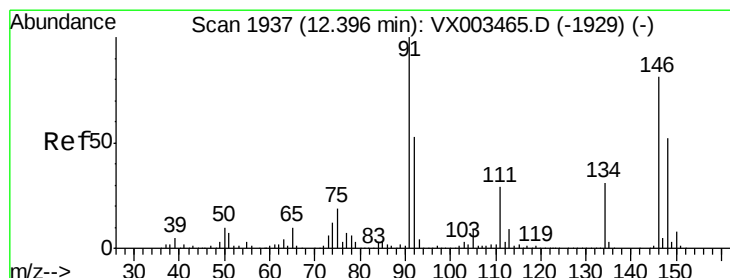
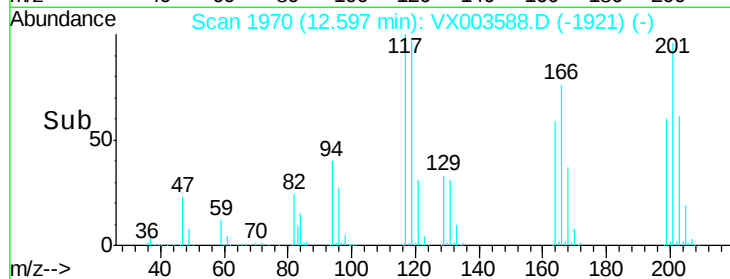
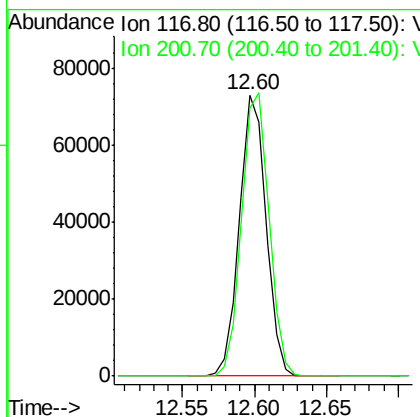
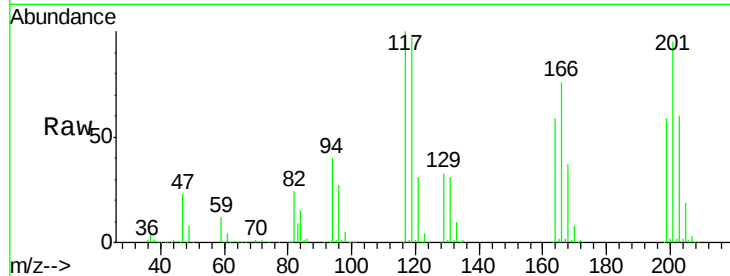
#90
Hexachloroethane
Concen: 50.95 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VX003588.D
Acq: 22 Jul 2018 07:14

Instrument :
MSVOA_X
ClientSampleId :
KY030LC068-W-180716MSD

Tot Ion:117 Resp: 93786
Ion Ratio Lower Upper
117 100
201 103.3 49.0 147.0

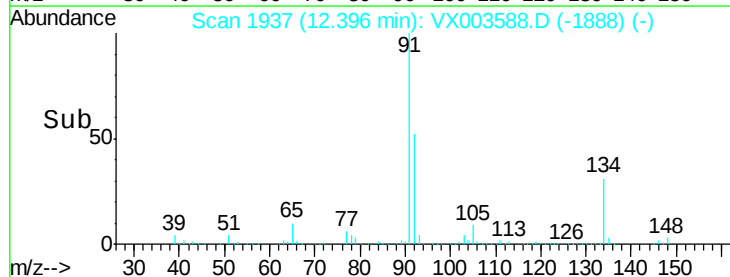
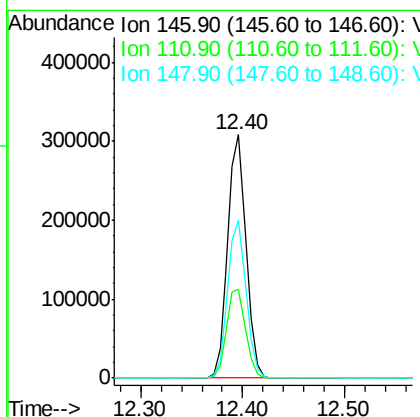
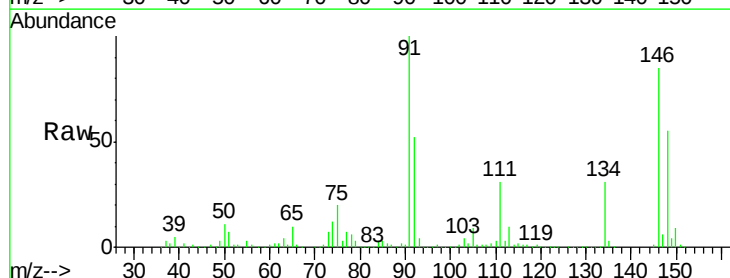
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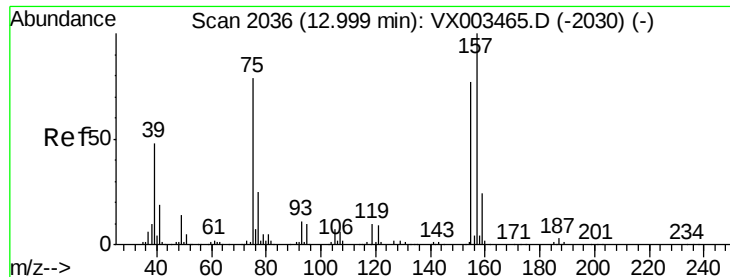
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#91
1,2-Dichlorobenzene
Concen: 49.55 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX003588.D
Acq: 22 Jul 2018 07:14

Tgt Ion:146 Resp: 381104
Ion Ratio Lower Upper
146 100
111 38.1 19.4 58.1
148 64.9 31.7 95.1





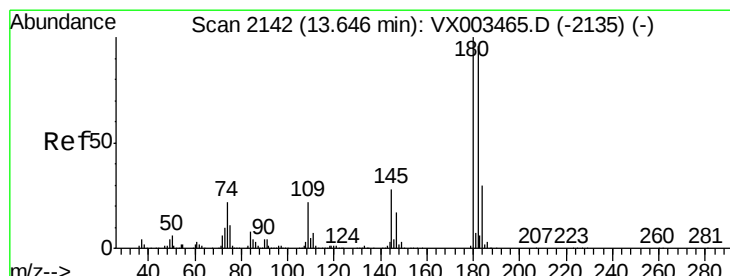
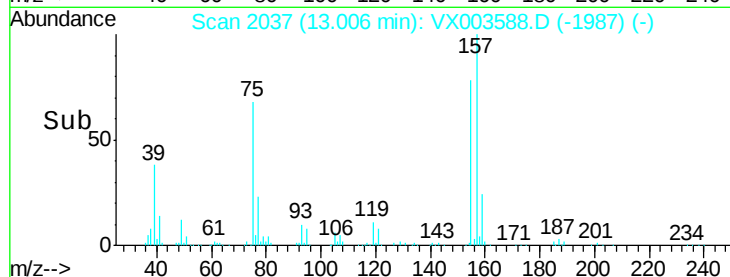
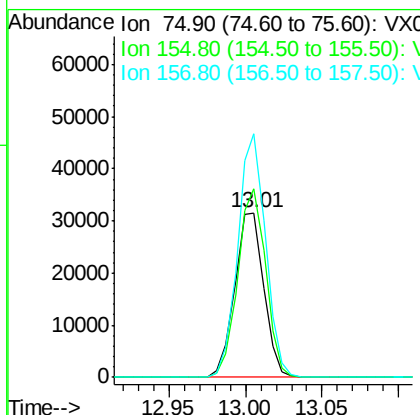
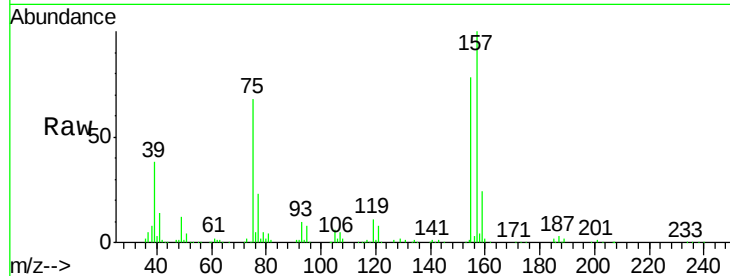
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.44 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.01 min
 Lab File: VX003588.D
 Acq: 22 Jul 2018 07:14

Instrument :
 MSVOA_X
 ClientSampleId :
 KY030LC068-W-180716MSD

Tot Ion	Ratio	Lower	Upper
75	100		
155	109.8	45.8	137.4
157	140.6	60.1	180.3

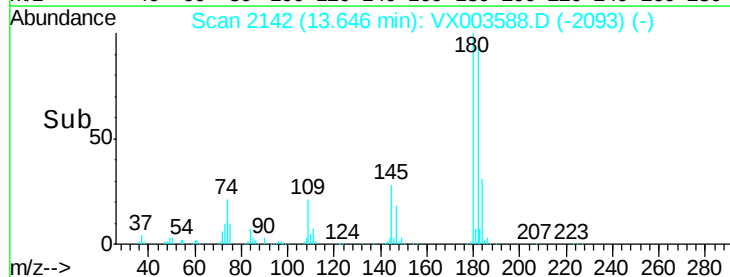
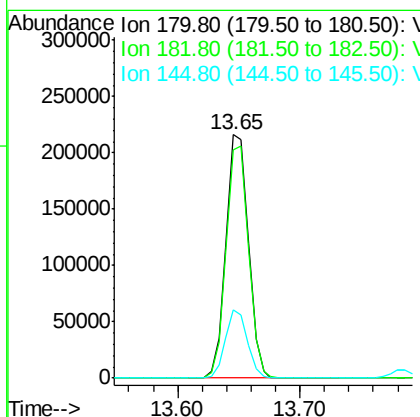
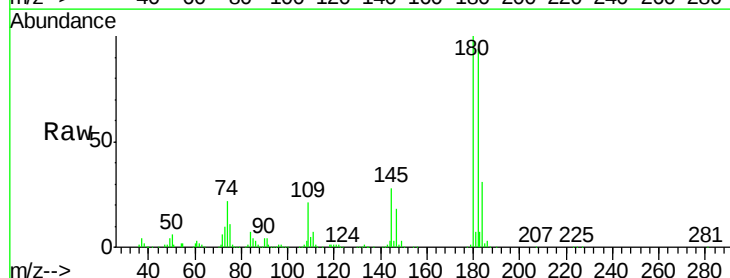
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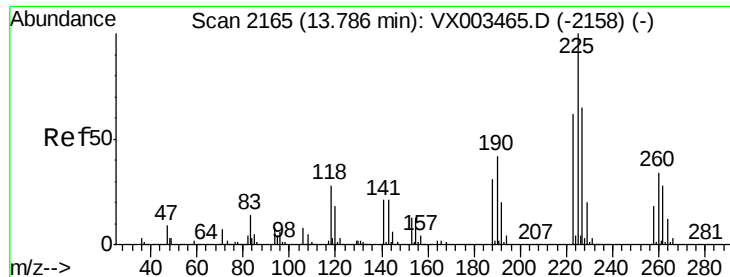
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#93
 1,2,4-Trichlorobenzene
 Concen: 48.55 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: VX003588.D
 Acq: 22 Jul 2018 07:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.7	143.1
145	27.2	14.1	42.4





#94

Hexachlorobutadiene

Concen: 46.36 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. -0.00 min

Lab File: VX003588.D

Acq: 22 Jul 2018 07:14

Instrument :

MSVOA_X

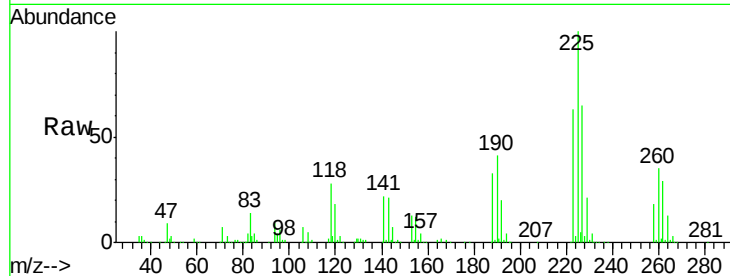
ClientSampleId :

KY030LC068-W-180716MSD

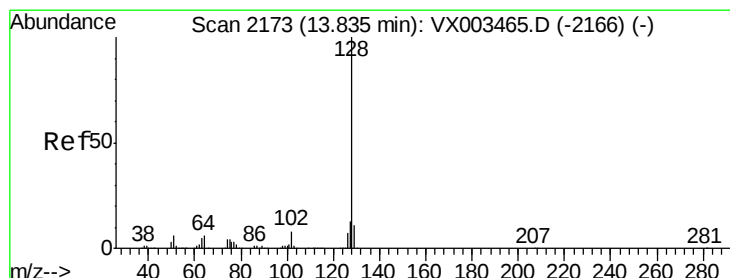
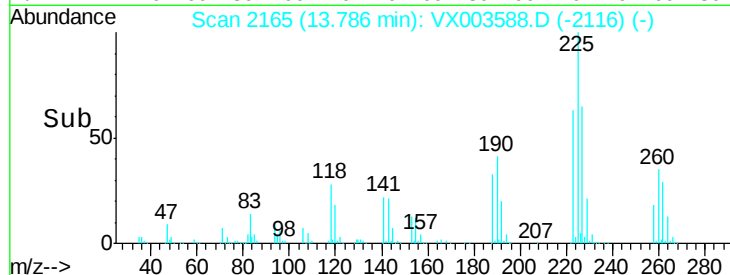
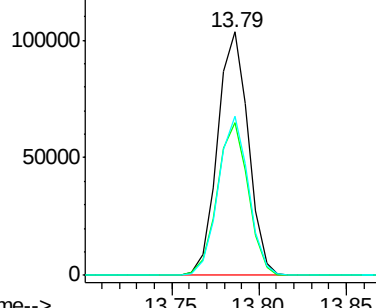
Tot Ion:	225	Resp:	125676
Ion Ratio	Lower	Upper	
225	100		
223	62.9	31.6	95.0
227	64.4	32.4	97.2

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Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 51.62 ug/l

RT: 13.83 min Scan# 2173

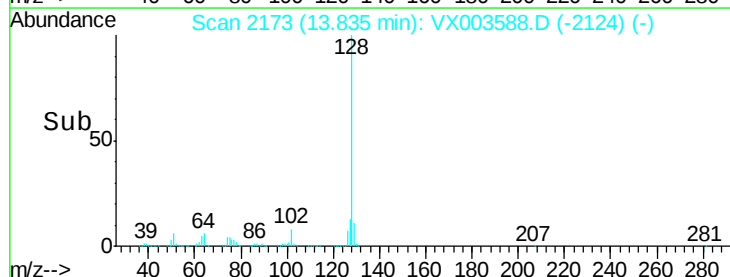
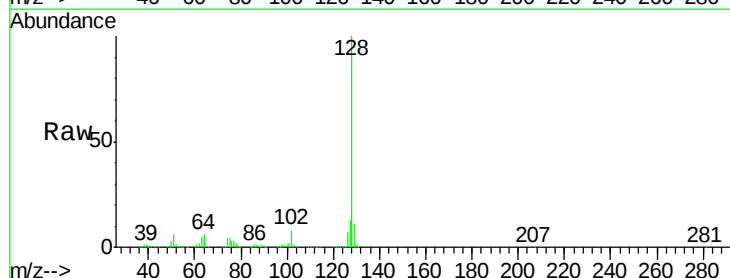
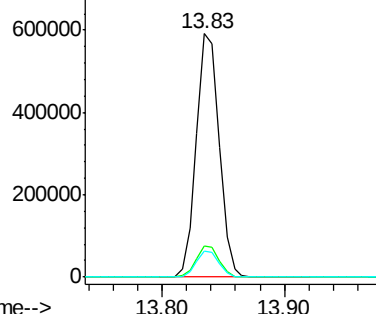
Delta R.T. -0.00 min

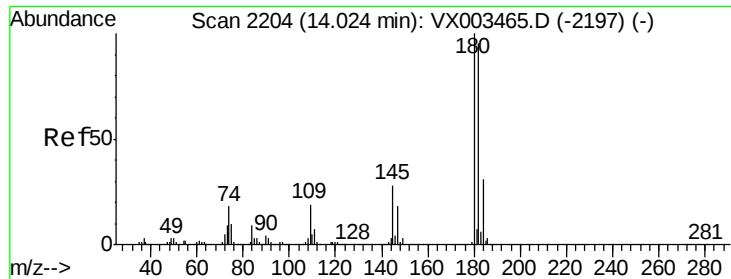
Lab File: VX003588.D

Acq: 22 Jul 2018 07:14

Tgt Ion:	128	Resp:	764687
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.4	15.6
129	10.9	8.6	13.0

Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





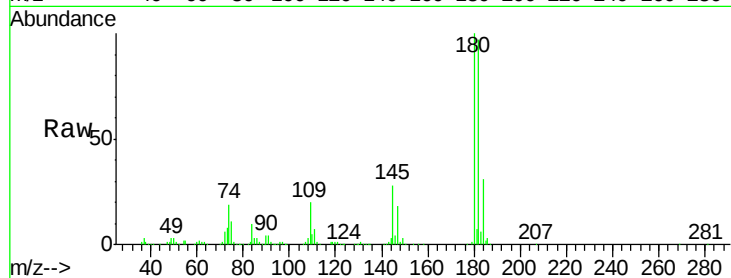
#96
 1,2,3-Trichlorobenzene
 Concen: 49.29 ug/l
 RT: 14.02 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: VX003588.D
 Acq: 22 Jul 2018 07:14

Instrument :
 MSVOA_X
 ClientSampleId :
 KY030LC068-W-180716MSD

Tot Ion	Ratio	Resp	Lower	Upper
180	100	275080		
182	96.9	48.0	144.0	
145	29.4	14.8	44.3	

Manual Integrations
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Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

