

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060218\
 Data File : VX002238.D
 Acq On : 02 Jun 2018 14:43
 Operator : JC/MD
 Sample : VX0602WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0602WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/4/2018 2:31:51 PM

Quant Time: Jun 04 05:40:13 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	204745	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	283978	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	267897	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	182264	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	170617	46.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.24%	
35) Dibromofluoromethane	5.51	113	125549	44.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.42%	
50) Toluene-d8	8.72	98	478824	46.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.14%	
62) 4-Bromofluorobenzene	11.14	95	184096	45.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	39574	13.98	ug/l	99
3) Chloromethane	1.32	50	52663	16.72	ug/l	99
4) Vinyl Chloride	1.40	62	54960	18.07	ug/l	99
5) Bromomethane	1.64	94	37629	26.42	ug/l	99
6) Chloroethane	1.72	64	37340	20.82	ug/l	99
7) Trichlorofluoromethane	1.93	101	96774	21.19	ug/l	99
8) Diethyl Ether	2.19	74	39481	23.82	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	56675	22.23	ug/l	98
10) Methyl Iodide	2.51	142	62546	18.14	ug/l	97
11) Tert butyl alcohol	3.08	59	87200	121.38	ug/l	99
12) 1,1-Dichloroethene	2.37	96	48972	20.52	ug/l	96
13) Acrolein	2.29	56	23420	75.40	ug/l	97
14) Allyl chloride	2.73	41	107882	21.54	ug/l	95
15) Acrylonitrile	3.15	53	182234	123.36	ug/l	99
16) Acetone	2.45	43	190512	134.88	ug/l	99
17) Carbon Disulfide	2.57	76	104712	15.25	ug/l	97
18) Methyl Acetate	2.78	43	94758	27.33	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	214285	23.87	ug/l	98
20) Methylene Chloride	2.86	84	63033	24.94	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	53823	22.29	ug/l	98
22) Diisopropyl ether	3.87	45	200337	19.66	ug/l	95
23) Vinyl Acetate	3.83	43	875779	103.66	ug/l	99
24) 1,1-Dichloroethane	3.70	63	114263	23.61	ug/l	100
25) 2-Butanone	4.71	43	254110	98.16	ug/l	100
26) 2,2-Dichloropropane	4.59	77	79539	16.24	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	59531	19.13	ug/l	99
28) Bromochloromethane	5.03	49	50605	23.81	ug/l	99
29) Tetrahydrofuran	5.17	42	161361	95.80	ug/l	99
30) Chloroform	5.22	83	103947	19.06	ug/l	96
31) Cyclohexane	5.58	56	84814	16.82	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	85979	16.91	ug/l	98
36) 1,1-Dichloropropene	5.80	75	71431	18.08	ug/l	99
37) Ethyl Acetate	4.87	43	97103	18.86	ug/l	99
38) Carbon Tetrachloride	5.79	117	73105	15.87	ug/l	99

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Quant Time: Jun 04 05:40:13 2018
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 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	87991	18.13	ug/l	97
40) Benzene	6.15	78	224514	19.40	ug/l	99
41) Methacrylonitrile	5.07	41	53881	18.98	ug/l	98
42) 1,2-Dichloroethane	6.20	62	93497	20.23	ug/l	99
43) Isopropyl Acetate	6.47	43	157892	18.40	ug/l	100
44) Trichloroethene	7.21	130	63899	18.95	ug/l	99
45) 1,2-Dichloropropane	7.52	63	61814	19.67	ug/l	98
46) Dibromomethane	7.67	93	41656	20.02	ug/l	100
47) Bromodichloromethane	7.90	83	72937	16.44	ug/l	97
48) Methyl methacrylate	7.78	41	81295	18.62	ug/l	98
49) 1,4-Dioxane	7.76	88	32641	424.15	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	514296	99.43	ug/l	100
52) Toluene	8.79	92	145421	19.75	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	88851	17.39	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	83919	16.85	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	63500	20.64	ug/l	97
56) Ethyl methacrylate	9.18	69	94818	17.92	ug/l	98
57) 1,3-Dichloropropane	9.38	76	102679	20.26	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.32	63	211011	89.96	ug/l	99
59) 2-Hexanone	9.50	43	398798	99.99	ug/l	99
60) Dibromochloromethane	9.59	129	57998	15.92	ug/l	99
61) 1,2-Dibromoethane	9.68	107	63648	19.72	ug/l	99
64) Tetrachloroethene	9.34	164	73069	19.02	ug/l	97
65) Chlorobenzene	10.14	112	165673	19.52	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	60172	17.56	ug/l	98
67) Ethyl Benzene	10.26	91	284210	19.27	ug/l	99
68) m/p-Xylenes	10.37	106	217751	38.63	ug/l	100
69) o-Xylene	10.70	106	108574	19.29	ug/l	100
70) Styrene	10.72	104	178331	19.10	ug/l	99
71) Bromoform	10.86	173	43437	13.37	ug/l #	100
73) Isopropylbenzene	11.02	105	293527	19.02	ug/l	99
74) N-amyl acetate	6.47	43	157892	17.68	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	89851	20.54	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	81422m	18.60	ug/l	
77) Bromobenzene	11.26	156	80684	19.70	ug/l	96
78) n-propylbenzene	11.37	91	330654	19.13	ug/l	100
79) 2-Chlorotoluene	11.43	91	201747	19.89	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	249877	18.94	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	23197	12.73	ug/l #	81
82) 4-Chlorotoluene	11.52	91	233752	19.17	ug/l	100
83) tert-Butylbenzene	11.77	119	239757	18.52	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	257843	18.92	ug/l	100
85) sec-Butylbenzene	11.95	105	297689	19.13	ug/l	99
86) p-Isopropyltoluene	12.07	119	271255	19.48	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	144944	19.76	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	147020	20.05	ug/l	100
89) n-Butylbenzene	12.39	91	229280	19.43	ug/l	98
90) Hexachloroethane	12.60	117	36359	13.24	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	148913	19.93	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	19731	14.38	ug/l	99

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Quant Title : SW846 8260
QLast Update : Thu May 24 13:09:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	108482	20.30	ug/l	99
94) Hexachlorobutadiene	13.79	225	57962	20.17	ug/l	97
95) Naphthalene	13.84	128	319217	19.39	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	112541	20.36	ug/l	100

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

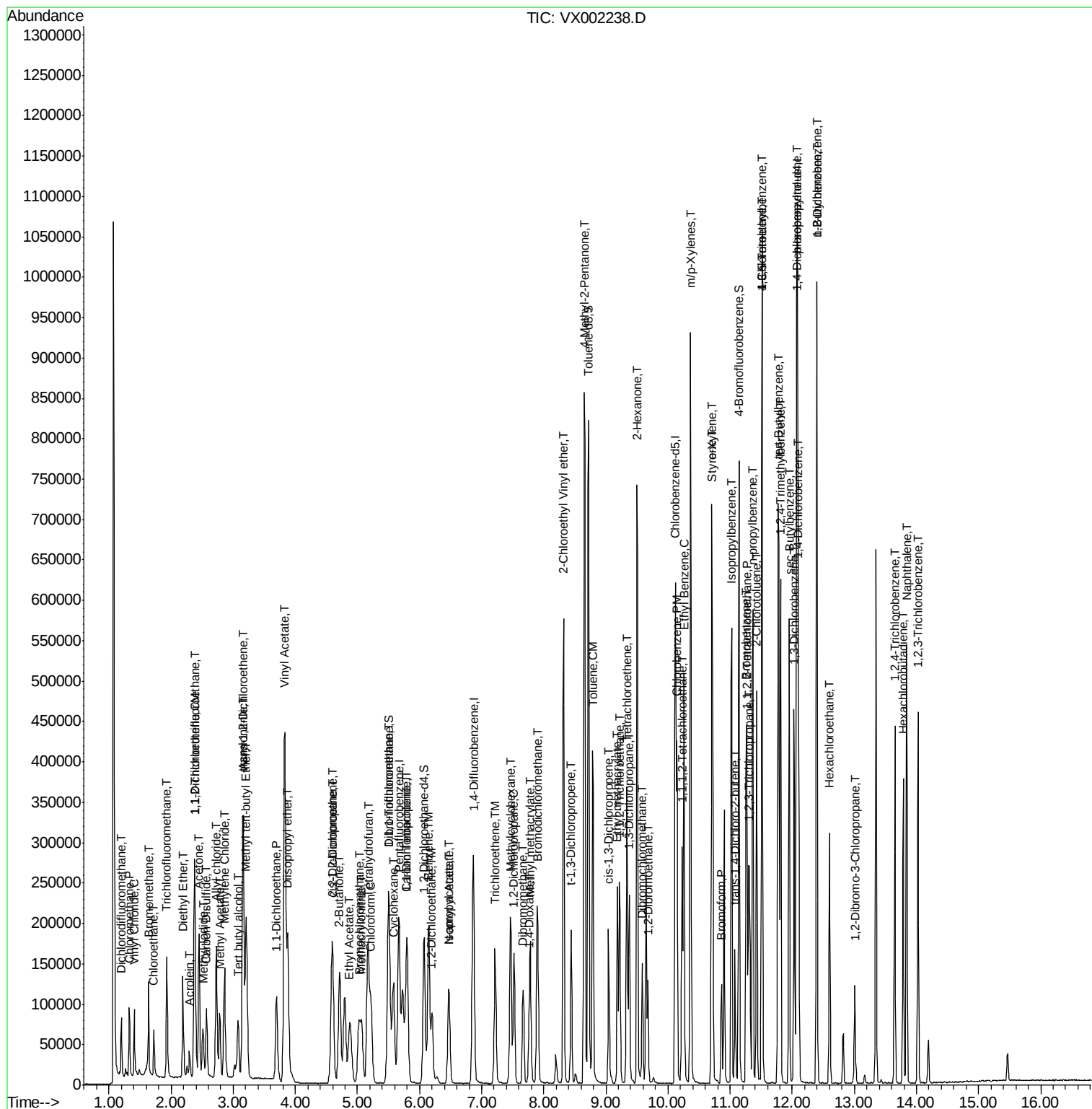
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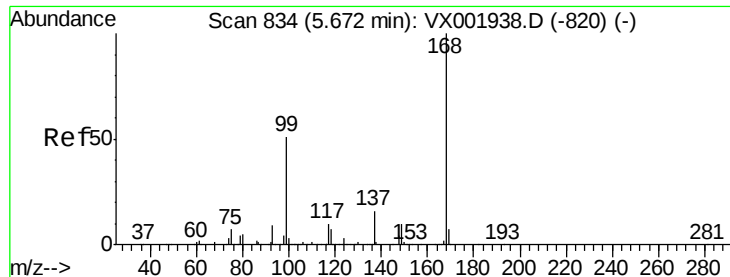
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MSVOA_X
Client Sample Id :
VX0602WBSD01

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Quant Title : SW846 8260
QLast Update : Thu May 24 13:09:03 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002238.D

Acq: 02 Jun 2018 14:43

Instrument :

MSVOA_X

ClientSampleId :

VX0602WBSD01

Tot Ion:168 Resp: 204745

Ion Ratio Lower Upper

168 100

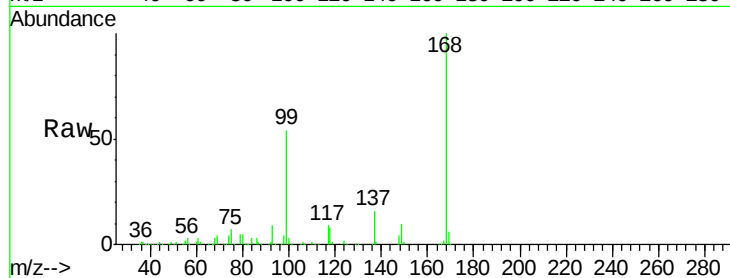
99 53.6 41.0 61.4

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

80000

60000

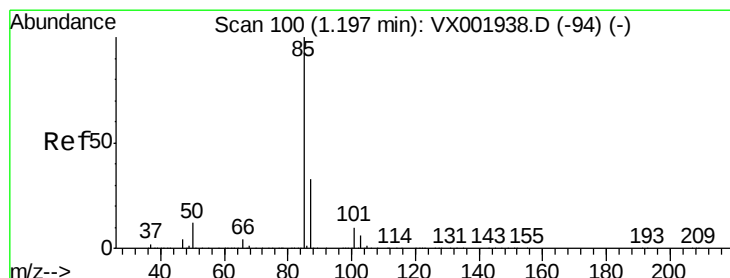
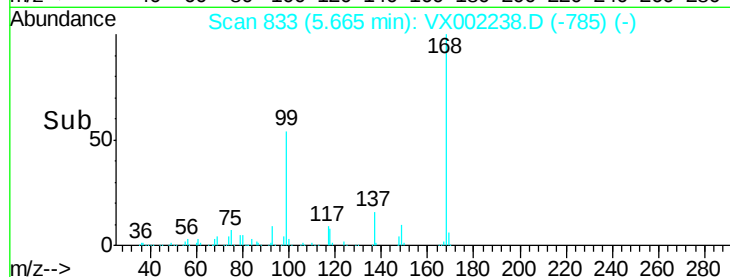
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 13.98 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002238.D

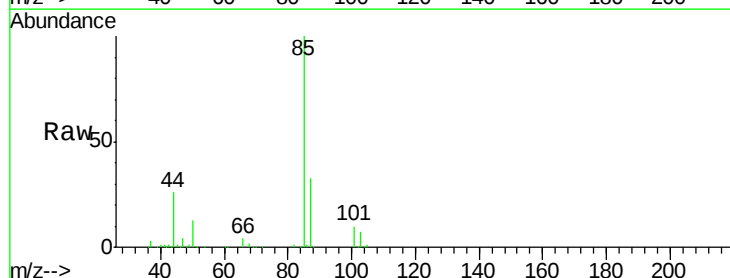
Acq: 02 Jun 2018 14:43

Tgt Ion: 85 Resp: 39574

Ion Ratio Lower Upper

85 100

87 32.6 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

40000

30000

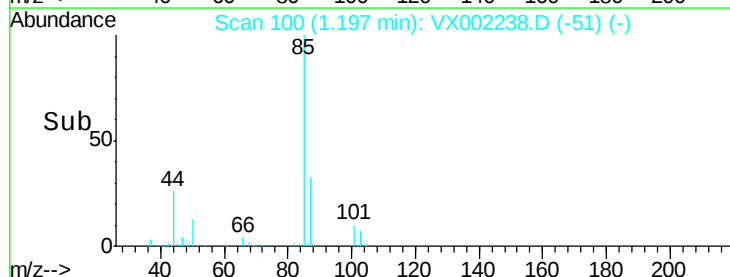
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10000

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1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 16.72 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX002238.D

Acq: 02 Jun 2018 14:43

Instrument :

MSVOA_X

ClientSampleId :

VX0602WBSD01

Tot Ion: 50 Resp: 52663

Ion Ratio Lower Upper

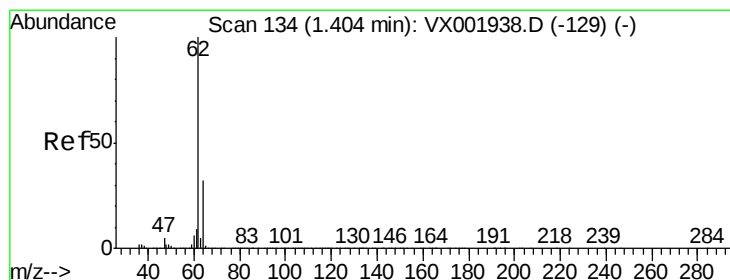
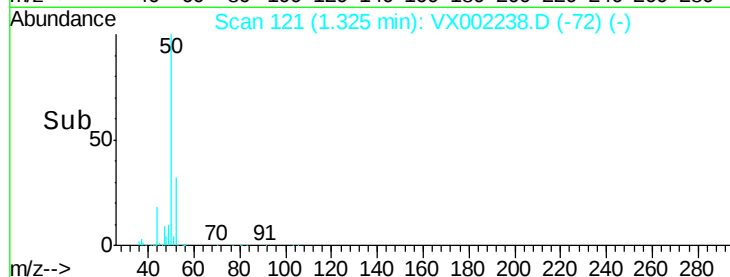
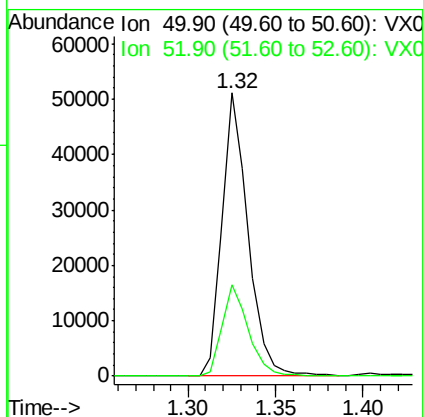
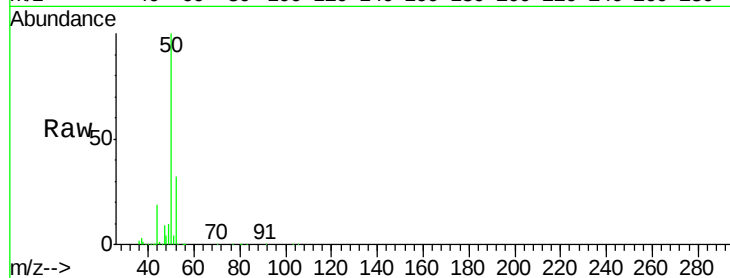
50 100

52 32.2 26.0 39.0

Manual Integrations
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#4

Vinyl Chloride

Concen: 18.07 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX002238.D

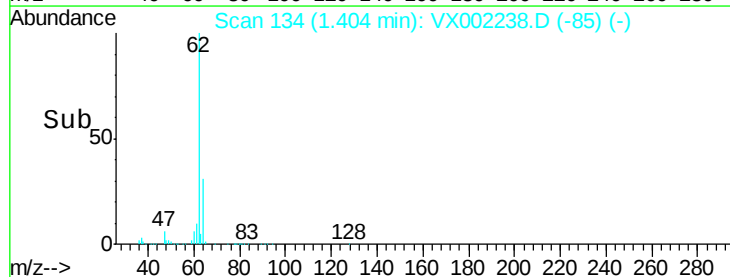
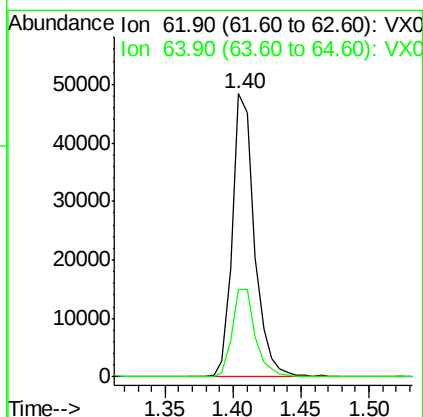
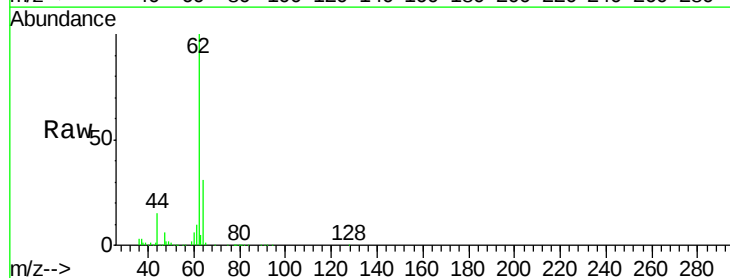
Acq: 02 Jun 2018 14:43

Tgt Ion: 62 Resp: 54960

Ion Ratio Lower Upper

62 100

64 31.1 25.4 38.0





#5

Bromomethane

Concen: 26.42 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002238.D

Acq: 02 Jun 2018 14:43

Instrument :

MSVOA_X

ClientSampleId :

VX0602WBSD01

Tot Ion: 94 Resp: 37629

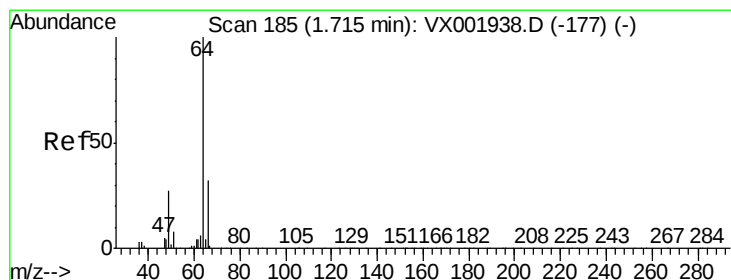
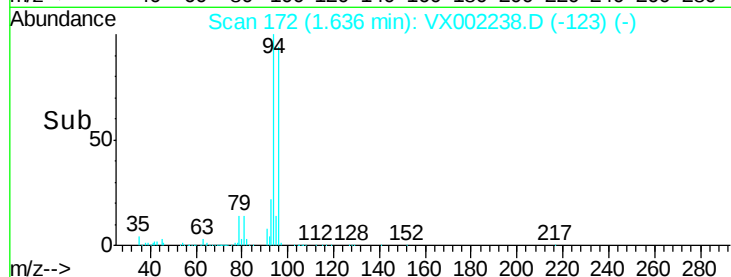
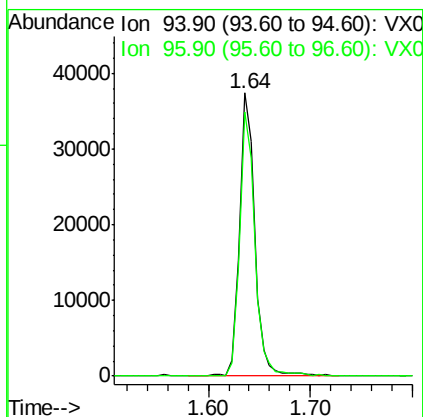
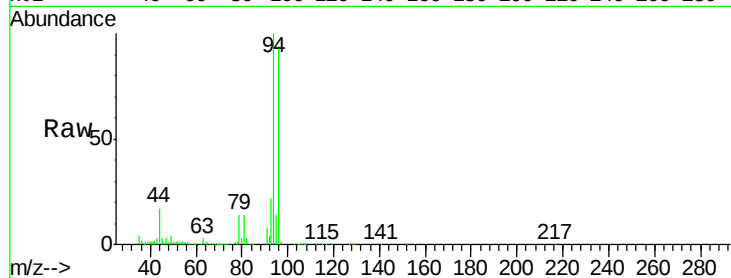
Ion Ratio Lower Upper

94 100

96 93.6 75.9 113.9

Manual Integrations
APPROVED

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#6

Chloroethane

Concen: 20.82 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX002238.D

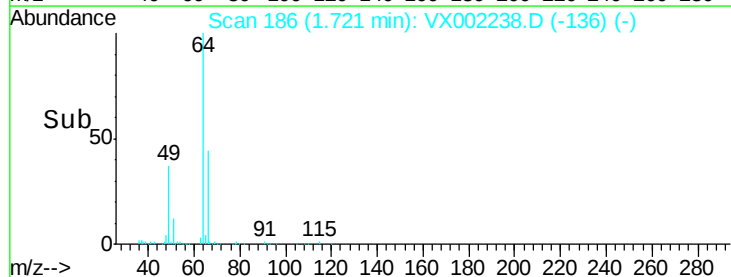
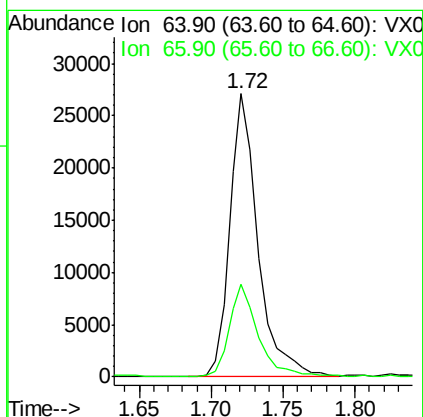
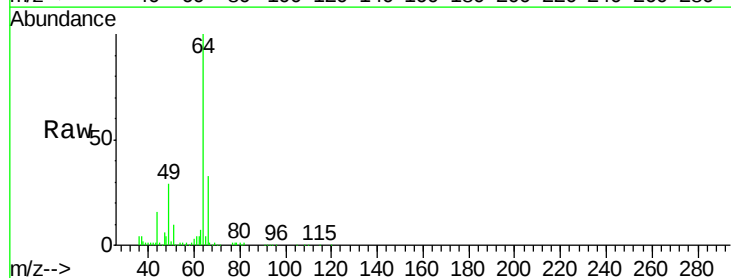
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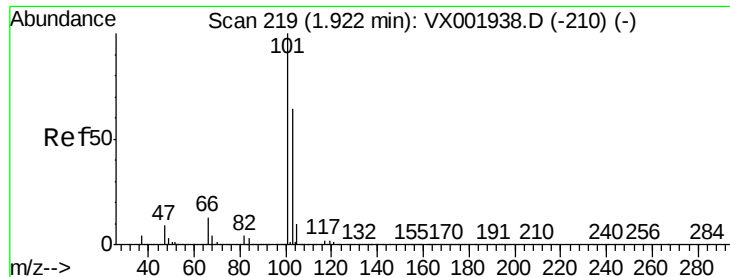
Tgt Ion: 64 Resp: 37340

Ion Ratio Lower Upper

64 100

66 32.7 25.6 38.4





#7

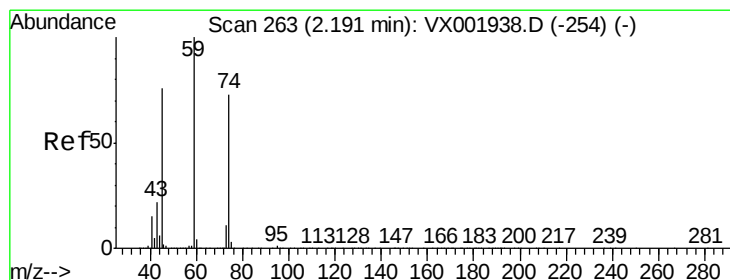
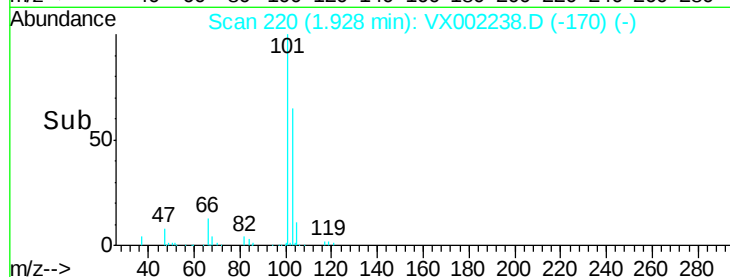
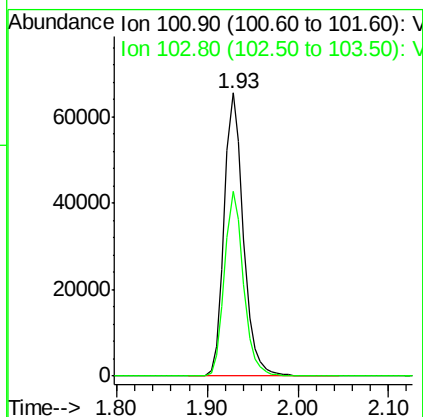
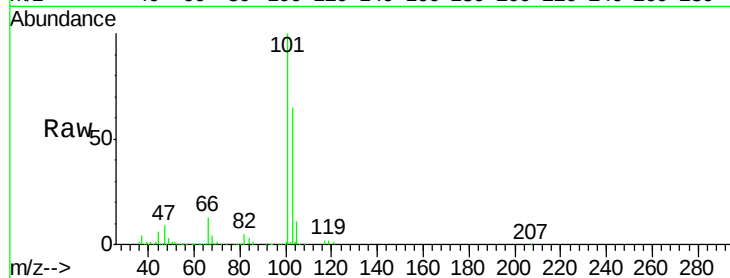
Trichlorofluoromethane
Concen: 21.19 ug/l
RT: 1.93 min Scan# 220
Delta R.T. 0.01 min
Lab File: VX002238.D
Acq: 02 Jun 2018 14:43

Instrument :
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ClientSampleId :
VX0602WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.2	51.4	77.0

Manual Integrations
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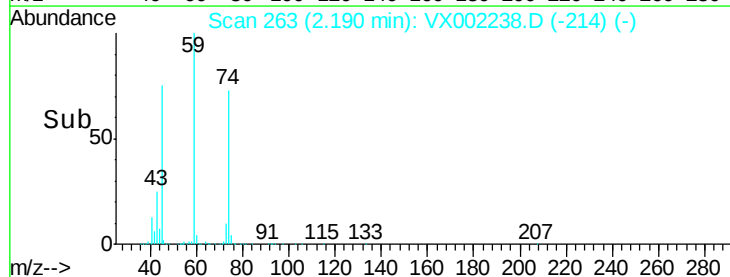
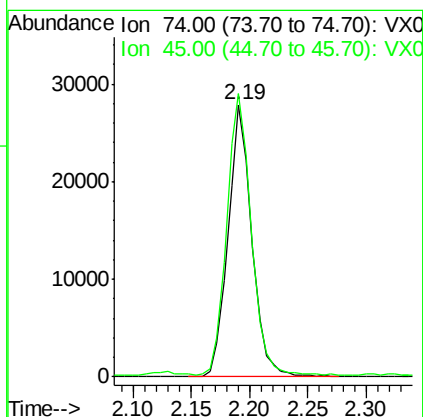
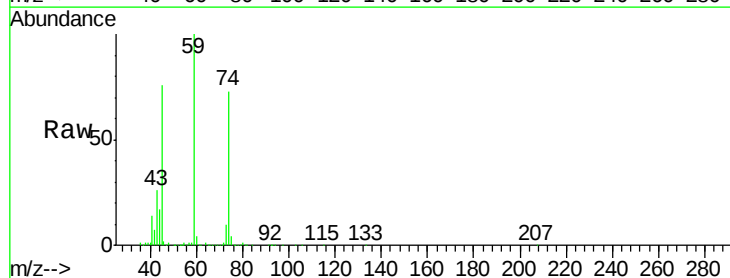
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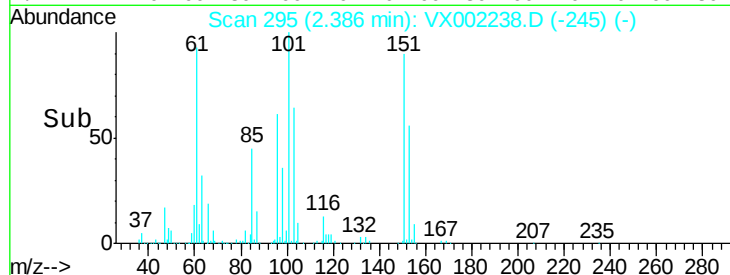
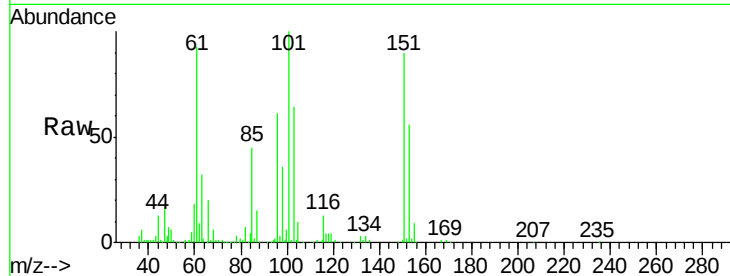


#8

Diethyl Ether
Concen: 23.82 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX002238.D
Acq: 02 Jun 2018 14:43

Tgt Ion	Ratio	Lower	Upper
74	100		
45	105.3	51.5	154.7





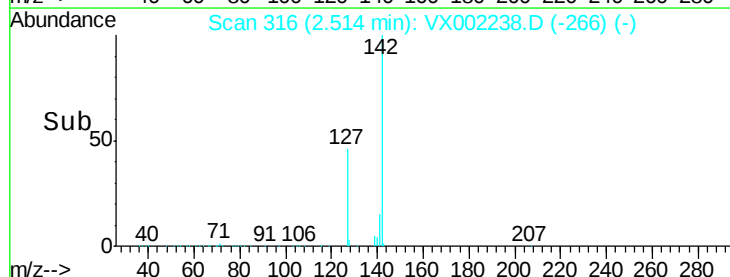
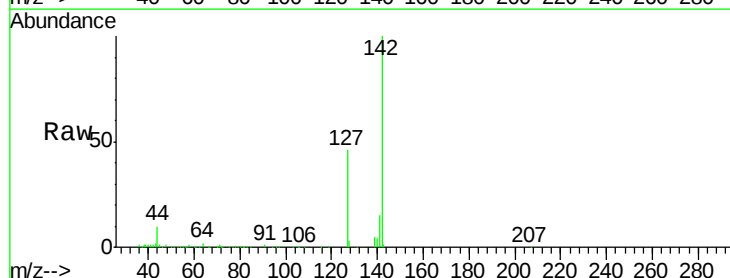
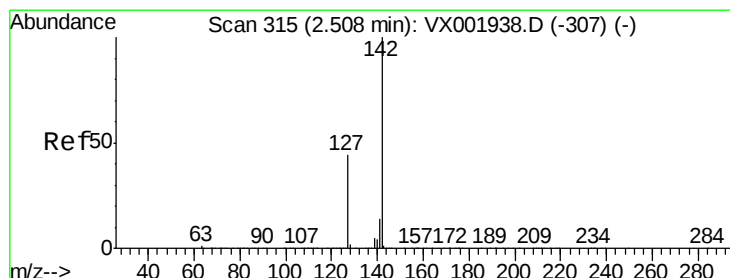
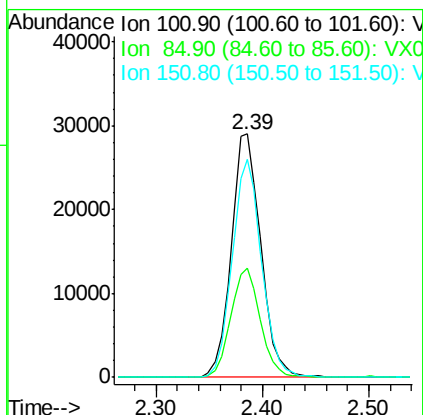
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.23 ug/l
RT: 2.39 min Scan# 295
Delta R.T. 0.01 min
Lab File: VX002238.D
Acq: 02 Jun 2018 14:43

Instrument :
MSVOA_X
ClientSampleId :
VX0602WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	56675		
85	44.7	35.6	53.4	
151	88.9	73.2	109.8	

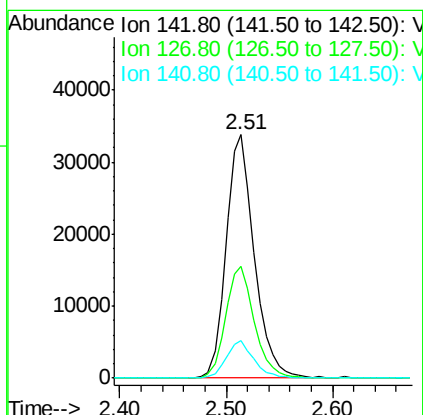
Manual Integrations
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#10
Methyl Iodide
Concen: 18.14 ug/l
RT: 2.51 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX002238.D
Acq: 02 Jun 2018 14:43

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	62546		
127	46.7	35.5	53.3	
141	15.1	11.3	16.9	





#11

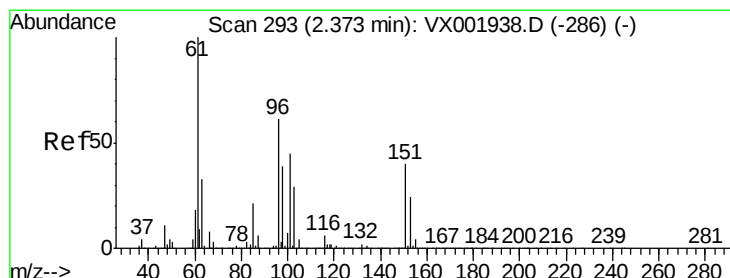
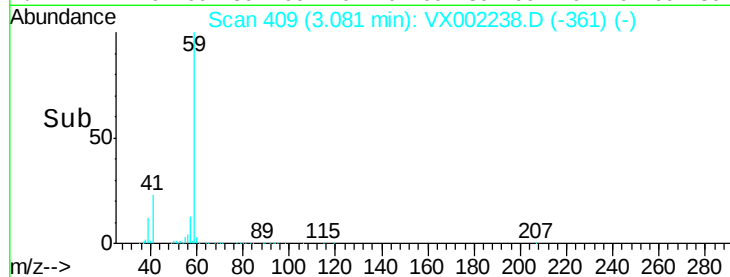
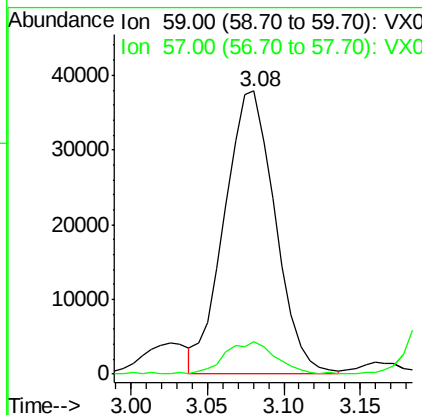
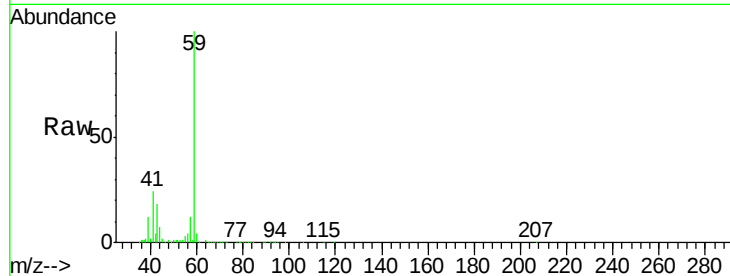
Tert butyl alcohol
Concen: 121.38 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.01 min
Lab File: VX002238.D
Acq: 02 Jun 2018 14:43

Instrument :
MSVOA_X
ClientSampleId :
VX0602WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.8	8.9	13.3

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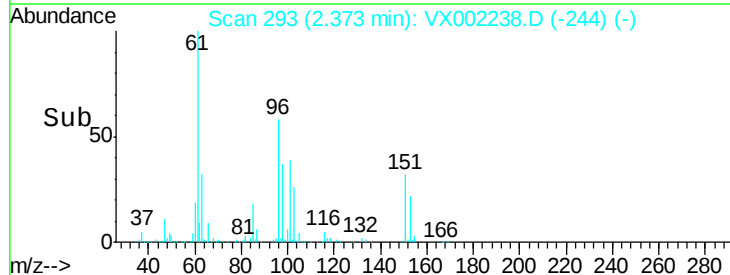
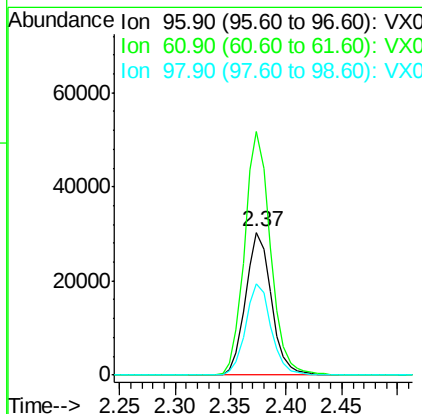
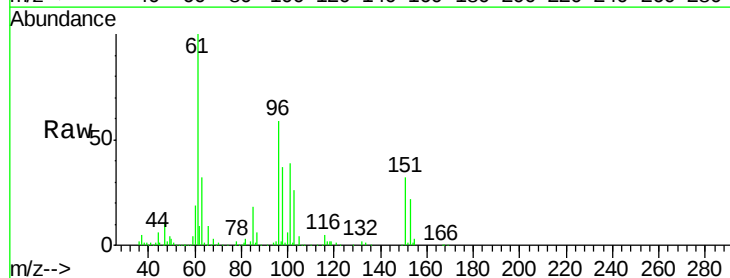
MMDadoda
6/4/2018 2:31:51 PM



#12

1,1-Dichloroethene
Concen: 20.52 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX002238.D
Acq: 02 Jun 2018 14:43

Tgt Ion	Ratio	Lower	Upper
96	100		
61	170.9	131.7	197.5
98	63.6	51.6	77.4





#13

Acrolein

Concen: 75.40 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX002238.D

Acq: 02 Jun 2018 14:43

Instrument :

MSVOA_X

ClientSampleId :

VX0602WBSD01

Tot Ion: 56 Resp: 23420

Ion Ratio Lower Upper

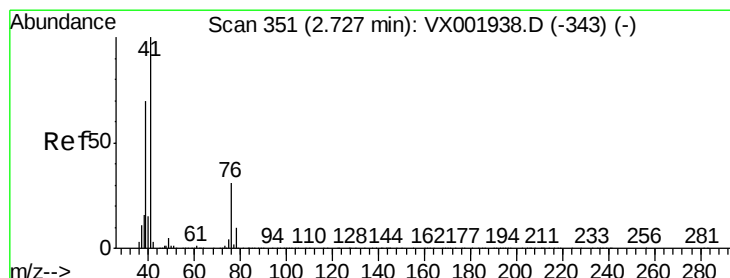
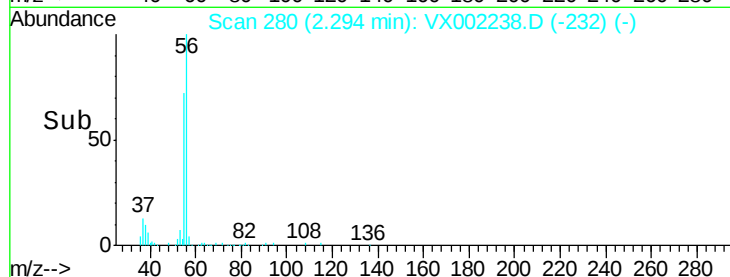
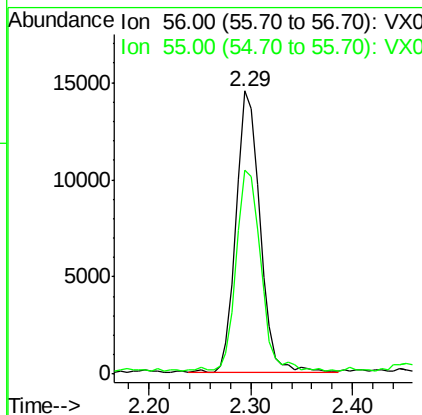
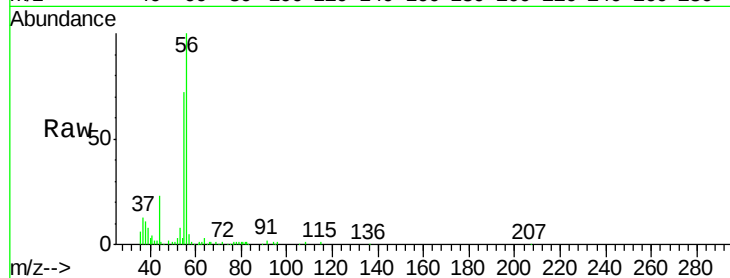
56 100

55 73.8 56.8 85.2

Manual Integrations
APPROVED

MMDadoda

6/4/2018 2:31:51 PM



#14

Allyl chloride

Concen: 21.54 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002238.D

Acq: 02 Jun 2018 14:43

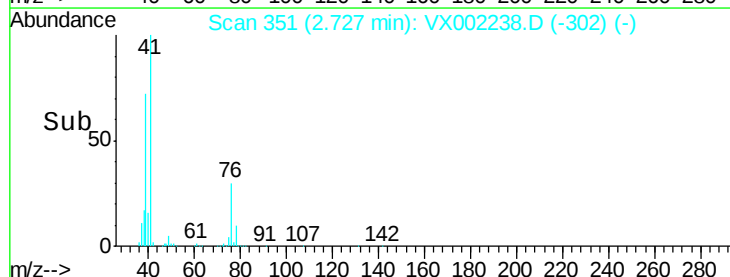
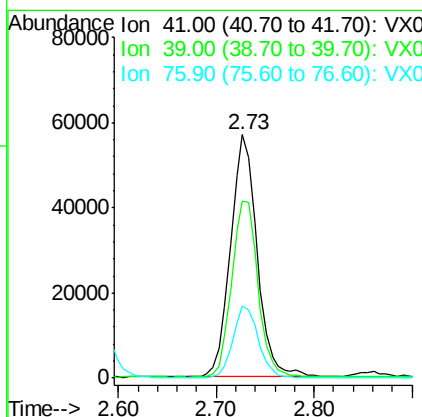
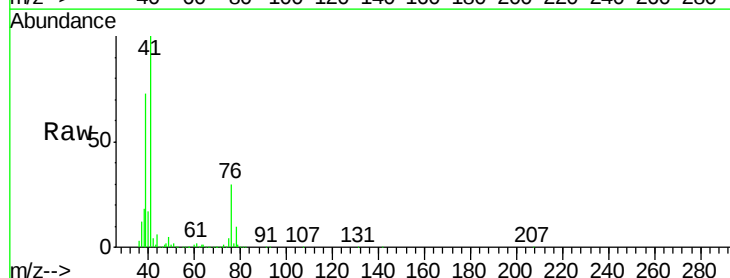
Tgt Ion: 41 Resp: 107882

Ion Ratio Lower Upper

41 100

39 72.1 54.3 81.5

76 28.5 24.2 36.4





#15

Acrylonitrile

Concen: 123.36 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX002238.D

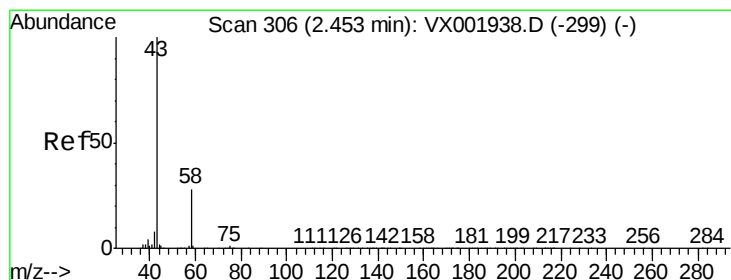
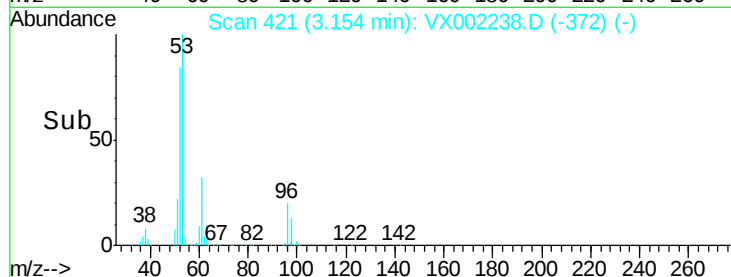
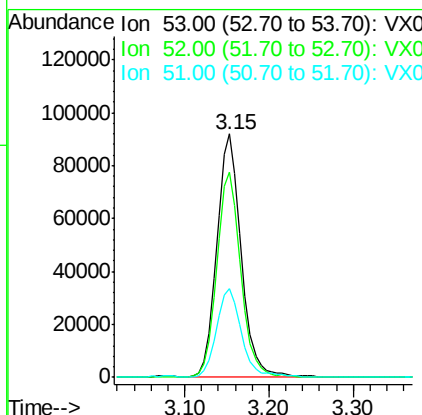
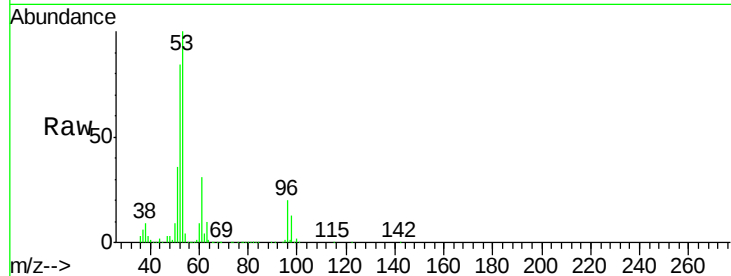
Acq: 02 Jun 2018 14:43

Tot Ion:	53	Resp:	182234
Ion Ratio		Lower	Upper
53	100		
52	83.7	66.4	99.6
51	37.4	29.3	43.9

Instrument :
MSVOA_X
ClientSampleId :
VX0602WBSD01

Manual Integrations
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#16

Acetone

Concen: 134.88 ug/l

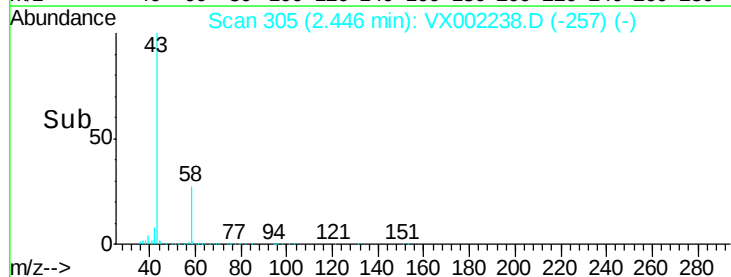
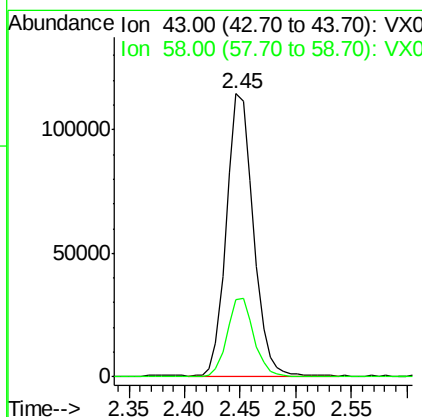
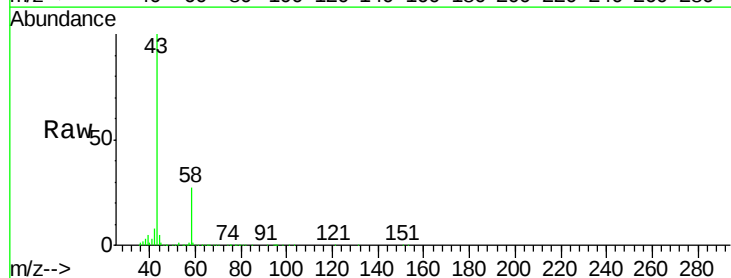
RT: 2.45 min Scan# 305

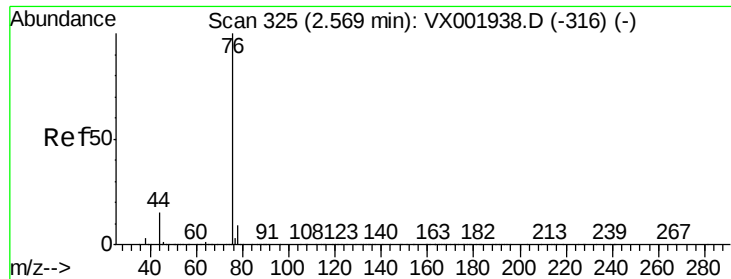
Delta R.T. -0.01 min

Lab File: VX002238.D

Acq: 02 Jun 2018 14:43

Tgt Ion:	43	Resp:	190512
Ion Ratio		Lower	Upper
43	100		
58	27.2	22.3	33.5





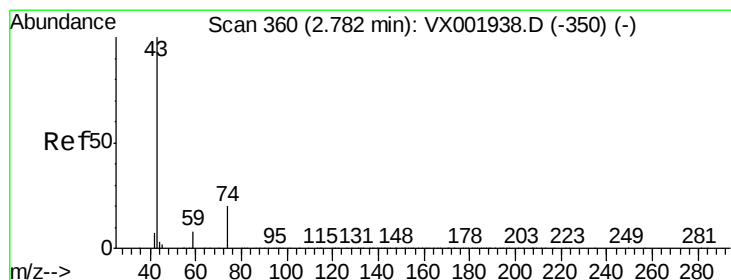
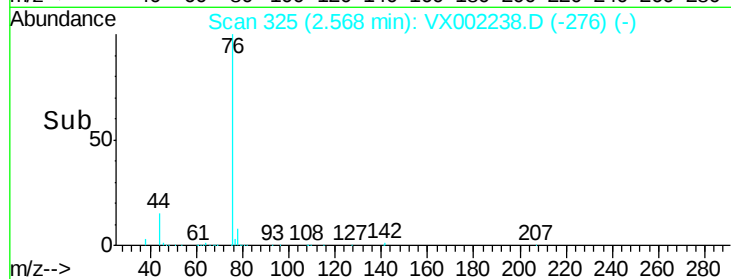
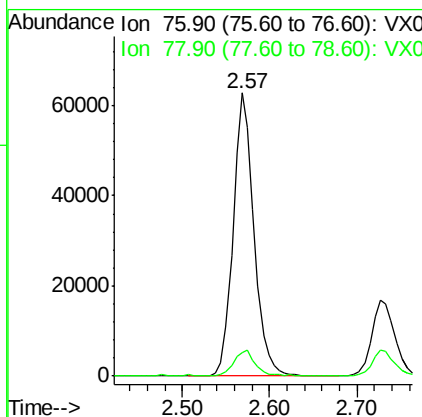
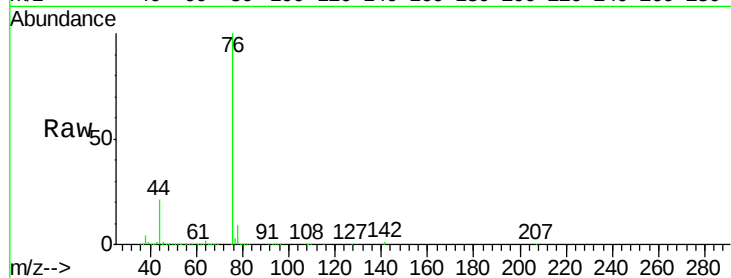
#17
Carbon Disulfide
Concen: 15.25 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX002238.D
Acq: 02 Jun 2018 14:43

Instrument :
MSVOA_X
ClientSampleId :
VX0602WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.2	7.4	11.2

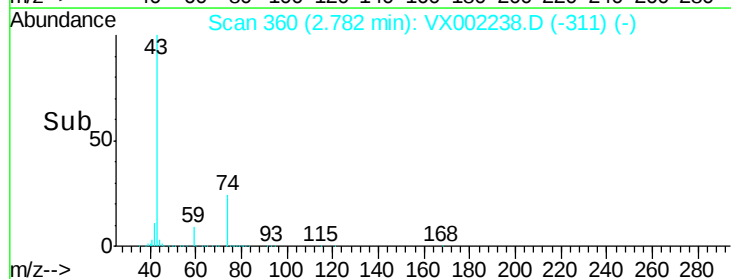
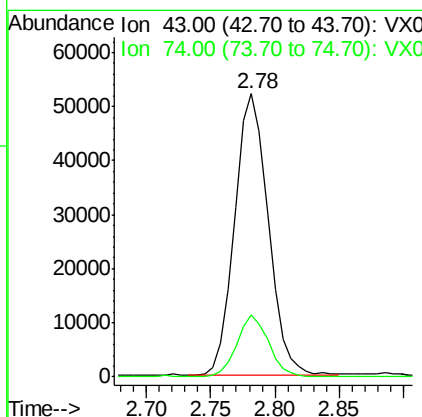
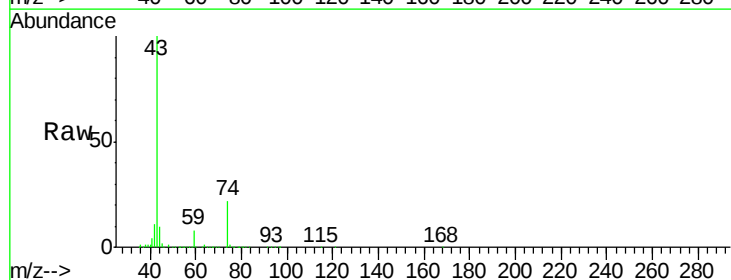
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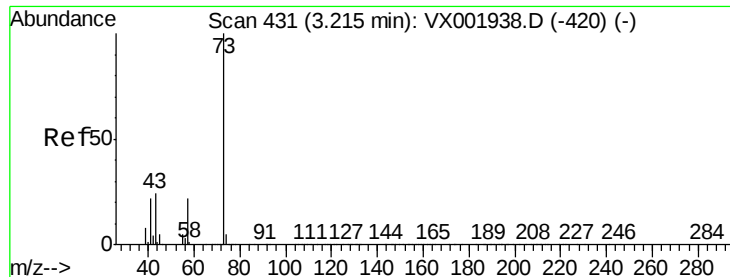
MMDadoda
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#18
Methyl Acetate
Concen: 27.33 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX002238.D
Acq: 02 Jun 2018 14:43

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.4	16.8	25.2





#19

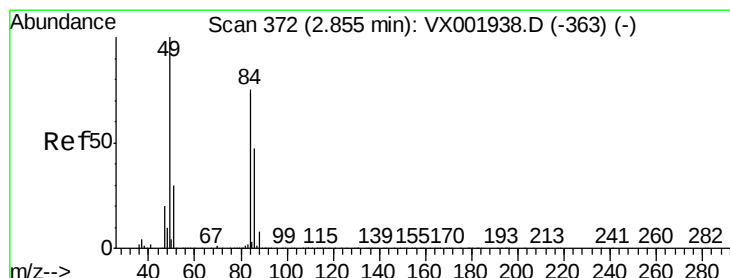
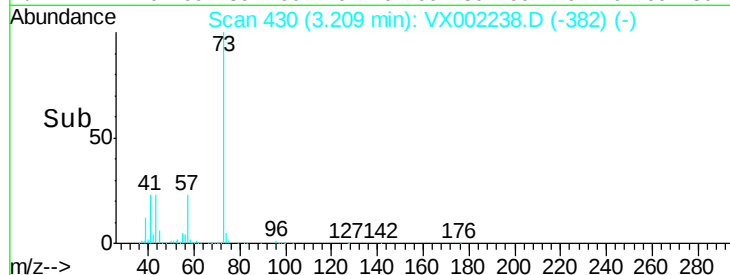
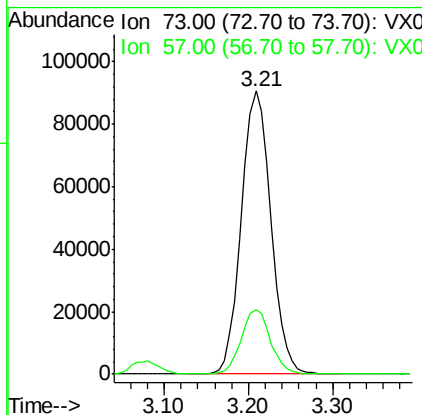
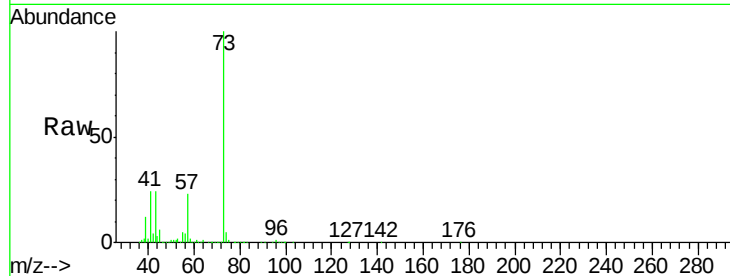
Methyl tert-butyl Ether
Concen: 23.87 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.01 min
Lab File: VX002238.D
Acq: 02 Jun 2018 14:43

Instrument :
MSVOA_X
ClientSampleID :
VX0602WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.9	17.4	26.0

Manual Integrations
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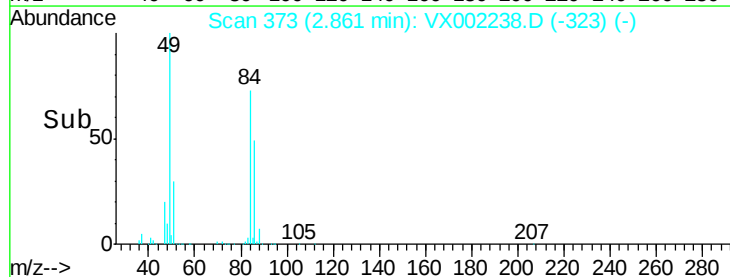
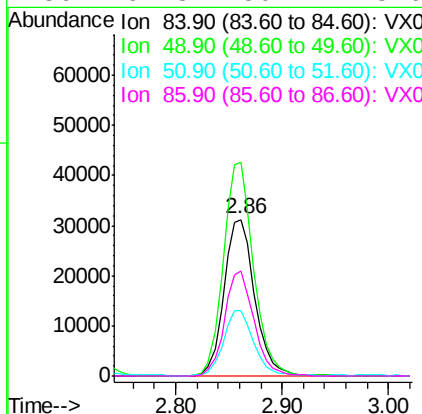
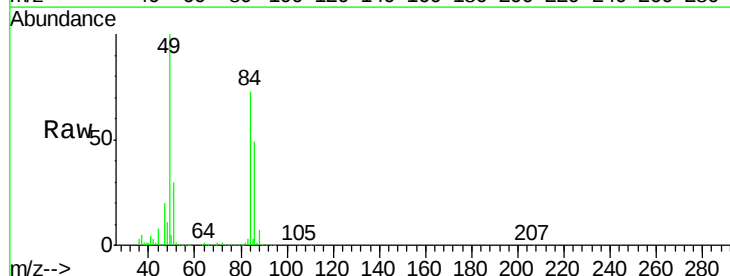
MMDadoda
6/4/2018 2:31:51 PM



#20

Methylene Chloride
Concen: 24.94 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX002238.D
Acq: 02 Jun 2018 14:43

Tgt Ion	Ratio	Lower	Upper
84	100		
49	136.0	107.2	160.8
51	41.1	32.4	48.6
86	67.3	50.4	75.6





#21

trans-1,2-Dichloroethene

Concen: 22.29 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002238.D

Acq: 02 Jun 2018 14:43

Instrument :

MSVOA_X

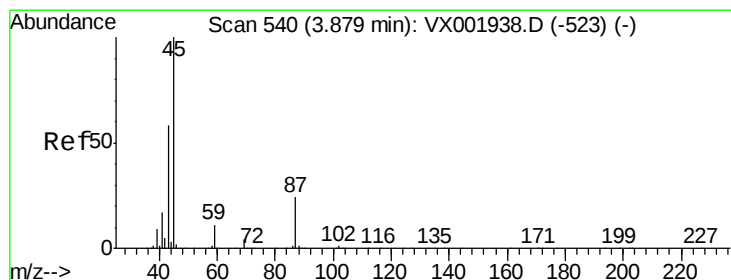
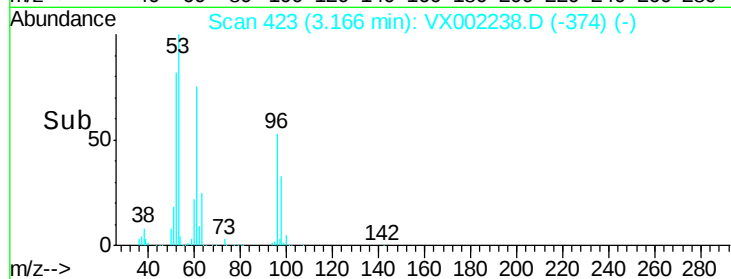
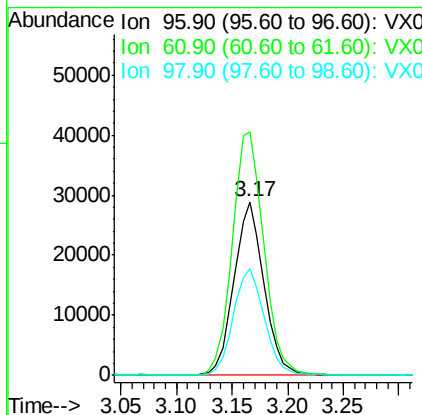
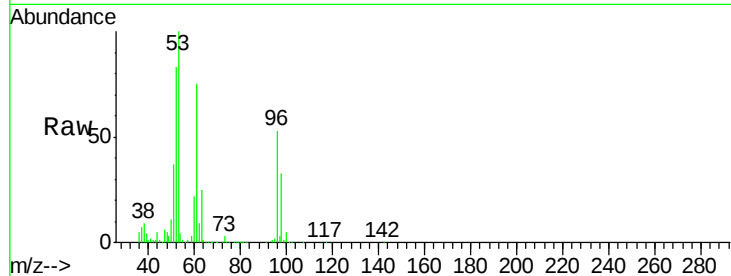
ClientSampleId :

VX0602WBSD01

Tot Ion:	96	Resp:	53823
Ion	Ratio	Lower	Upper
96	100		
61	140.4	113.3	169.9
98	61.6	51.7	77.5

Manual Integrations
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#22

Diisopropyl ether

Concen: 19.66 ug/l

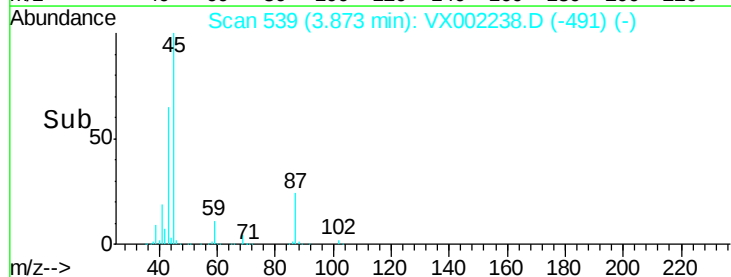
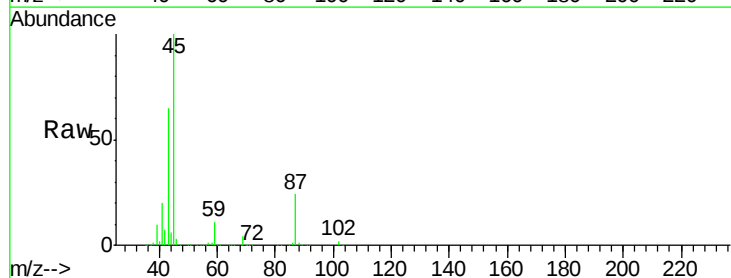
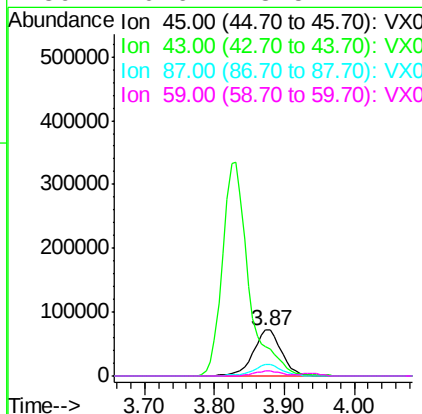
RT: 3.87 min Scan# 539

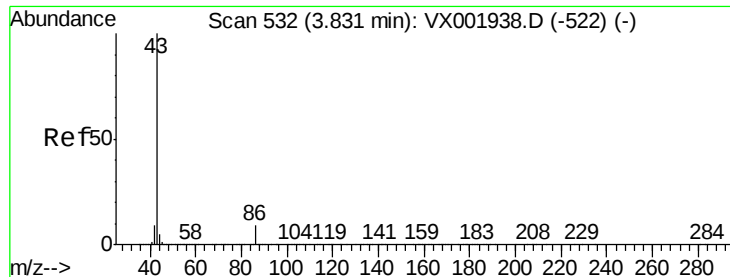
Delta R.T. -0.01 min

Lab File: VX002238.D

Acq: 02 Jun 2018 14:43

Tgt Ion:	45	Resp:	200337
Ion	Ratio	Lower	Upper
45	100		
43	65.2	47.0	70.6
87	24.1	19.4	29.0
59	10.6	8.5	12.7





#23

Vinyl Acetate

Concen: 103.66 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX002238.D

Acq: 02 Jun 2018 14:43

Instrument :

MSVOA_X

ClientSampleId :

VX0602WBSD01

Tot Ion: 43 Resp: 875779

Ion Ratio Lower Upper

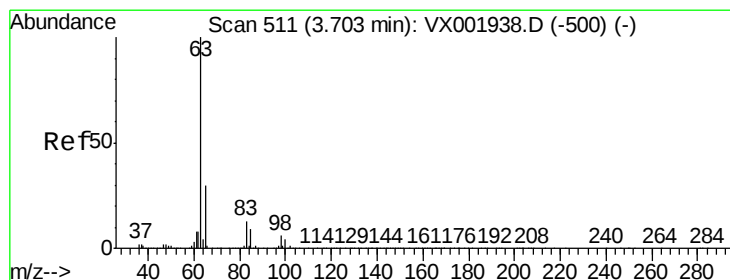
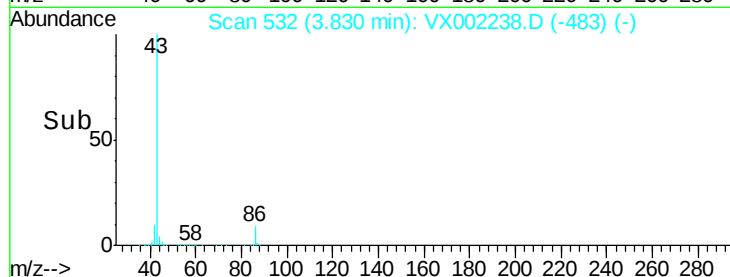
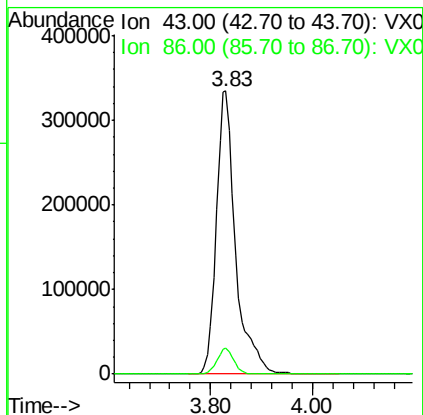
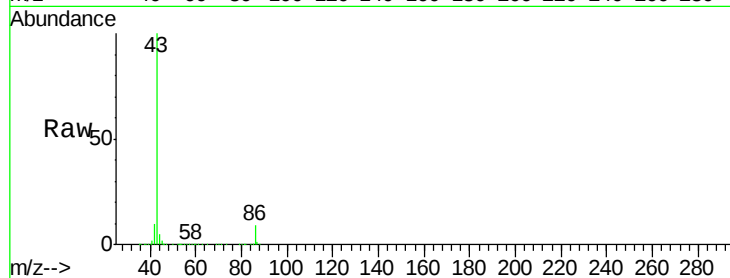
43 100

86 9.2 7.6 11.4

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#24

1,1-Dichloroethane

Concen: 23.61 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.01 min

Lab File: VX002238.D

Acq: 02 Jun 2018 14:43

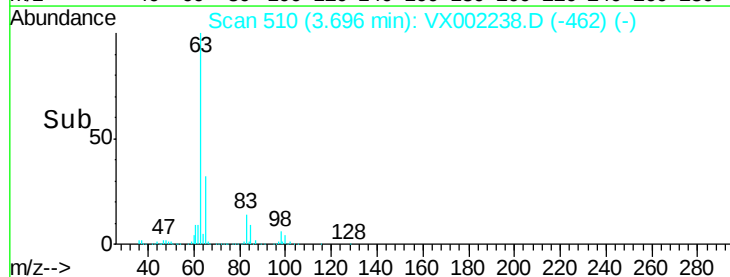
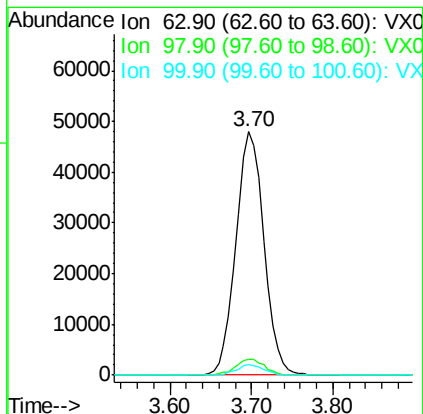
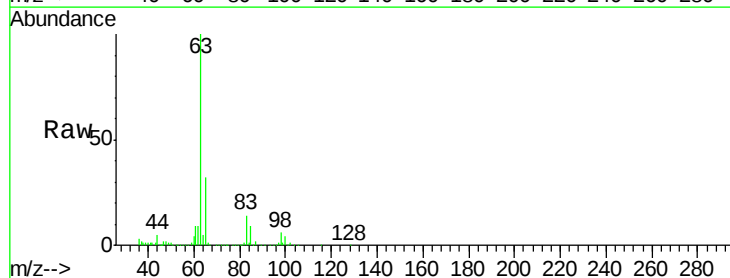
Tgt Ion: 63 Resp: 114263

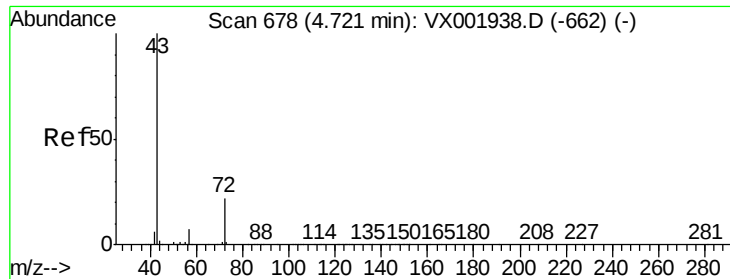
Ion Ratio Lower Upper

63 100

98 6.4 3.3 9.8

100 4.3 2.1 6.5





#25

2-Butanone

Concen: 98.16 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX002238.D

Acq: 02 Jun 2018 14:43

Tot Ion: 43 Resp: 254110

Ion Ratio Lower Upper

43 100

72 22.5 17.9 26.9

Instrument :

MSVOA_X

ClientSampleId :

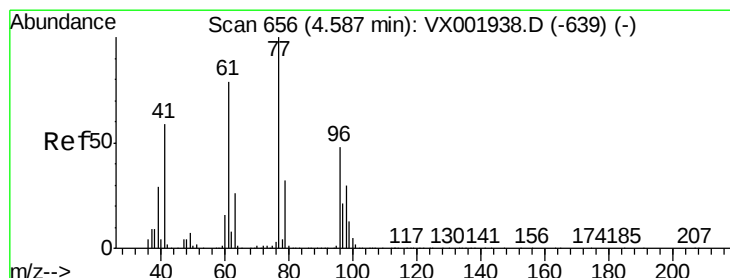
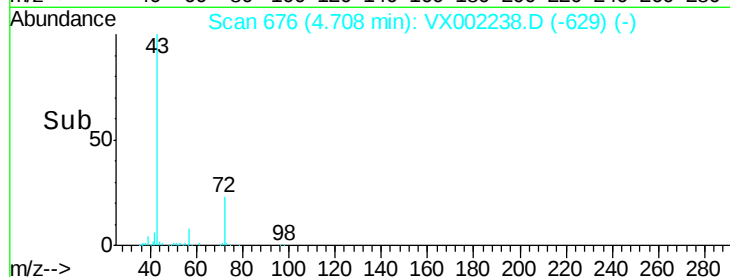
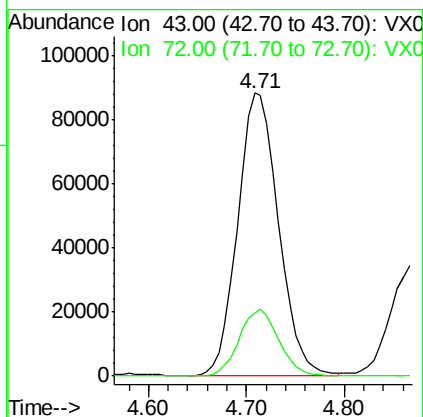
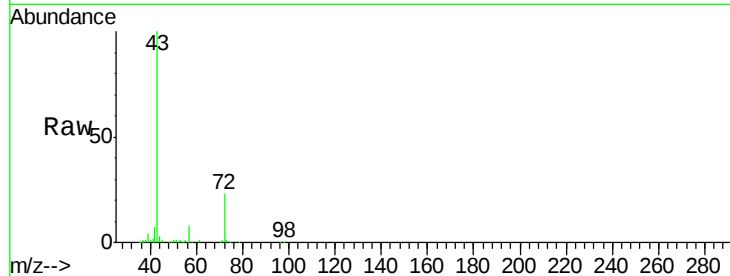
VX0602WBSD01

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#26

2,2-Dichloropropane

Concen: 16.24 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX002238.D

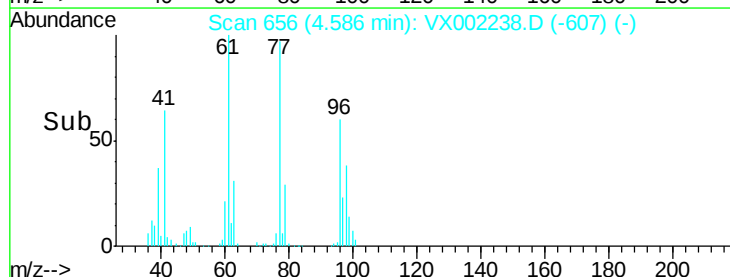
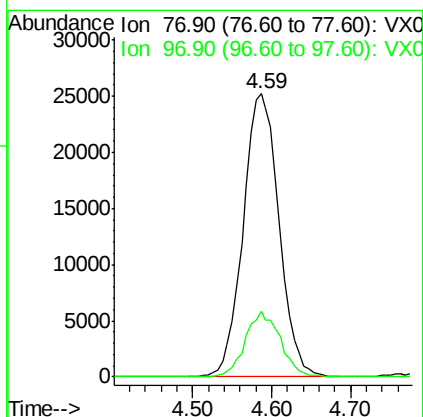
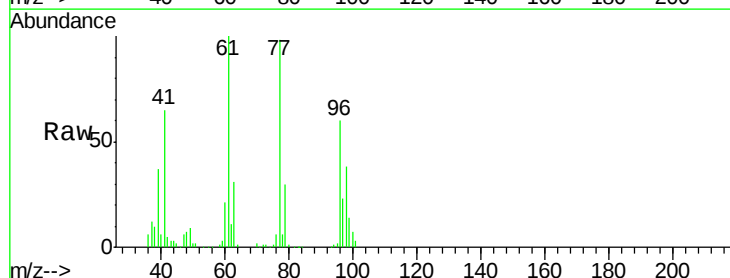
Acq: 02 Jun 2018 14:43

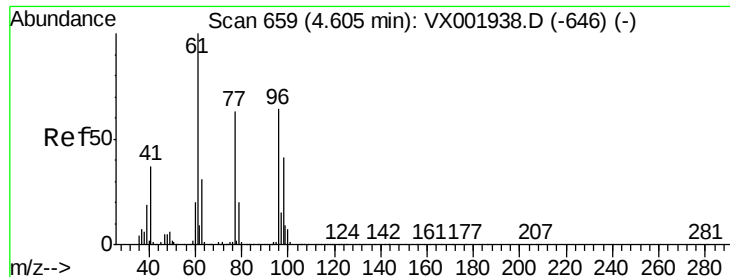
Tgt Ion: 77 Resp: 79539

Ion Ratio Lower Upper

77 100

97 22.5 11.2 33.5





#27

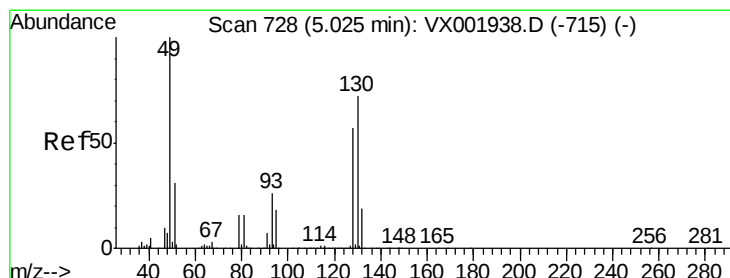
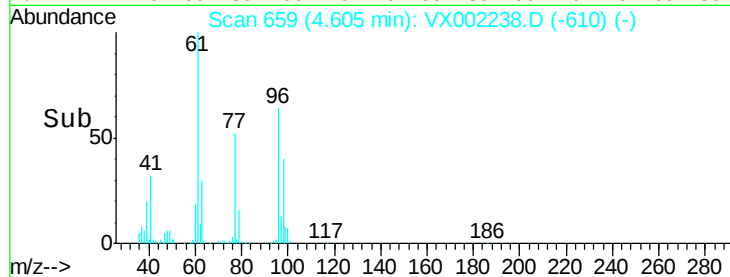
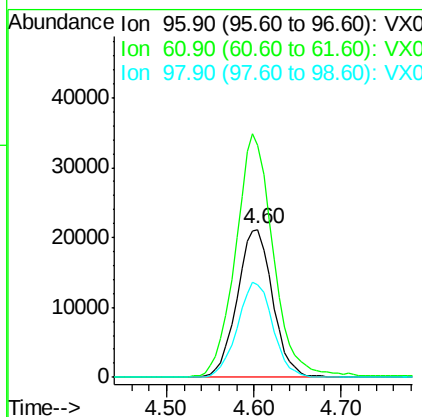
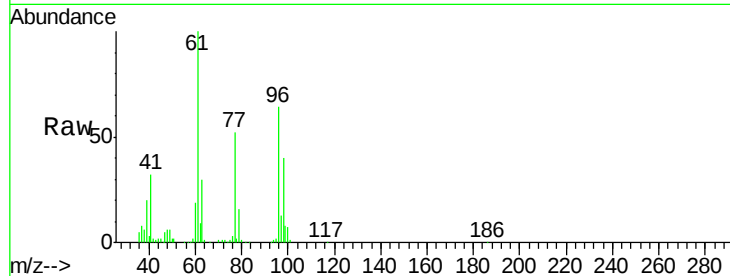
cis-1,2-Dichloroethene
Concen: 19.13 ug/l
RT: 4.60 min Scan# 659
Delta R.T. -0.00 min
Lab File: VX002238.D
Acq: 02 Jun 2018 14:43

Instrument :
MSVOA_X
ClientSampleId :
VX0602WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	175.7	0.0	348.4
98	64.3	0.0	128.6

Manual Integrations
APPROVED

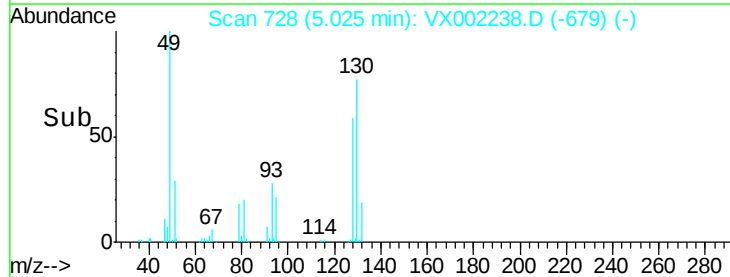
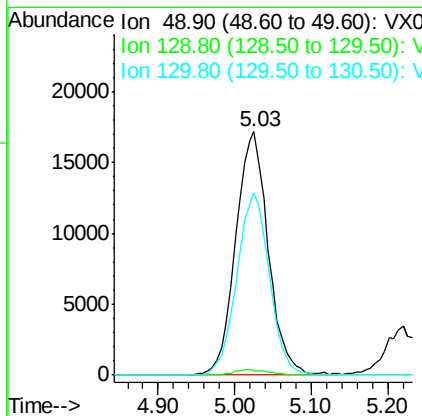
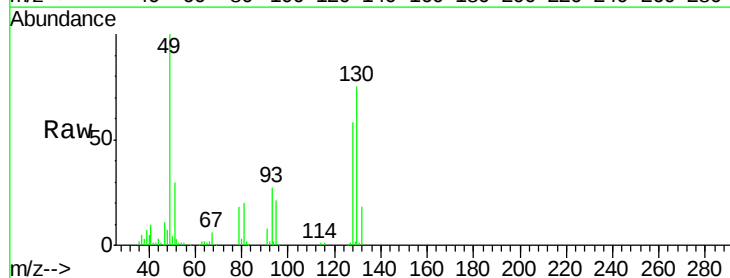
MMDadoda
6/4/2018 2:31:51 PM



#28

Bromochloromethane
Concen: 23.81 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.00 min
Lab File: VX002238.D
Acq: 02 Jun 2018 14:43

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	3.8
130	74.9	59.4	89.2





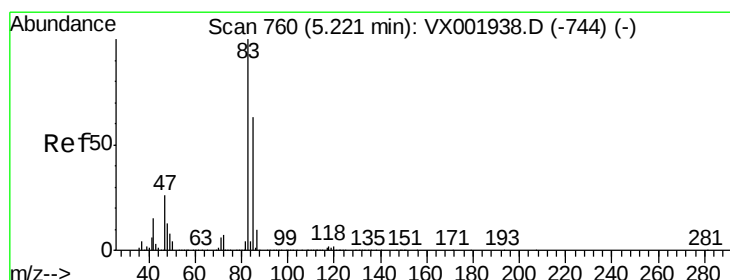
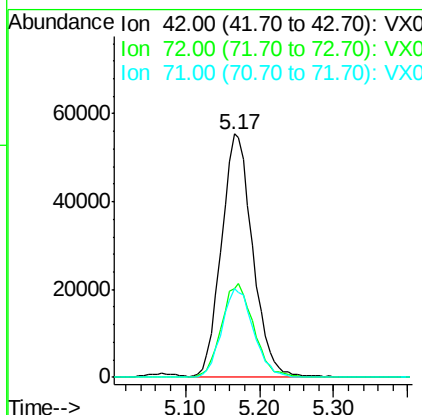
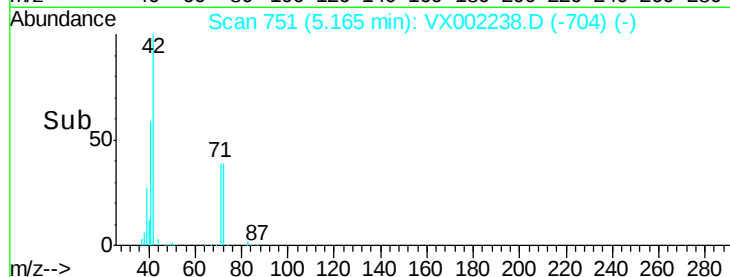
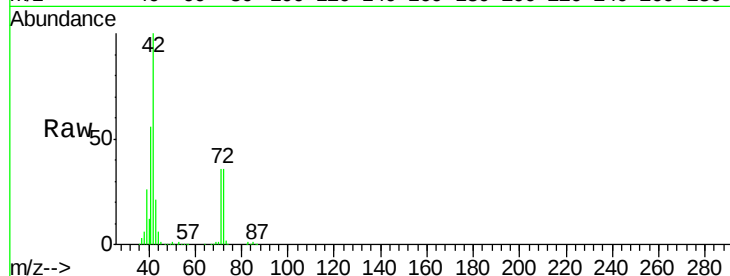
#29
Tetrahydrofuran
Concen: 95.80 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.01 min
Lab File: VX002238.D
Acq: 02 Jun 2018 14:43

Instrument :
MSVOA_X
ClientSampled :
VX0602WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.9	31.4	47.0
71	37.4	29.5	44.3

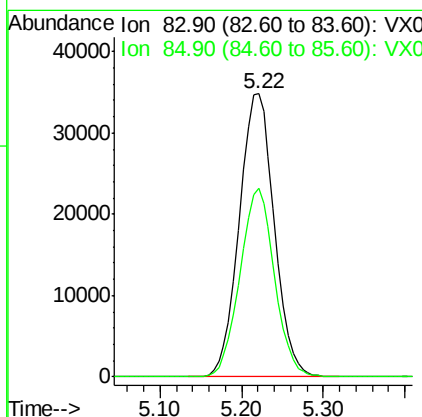
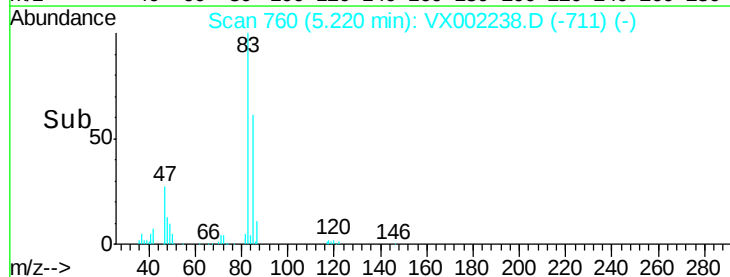
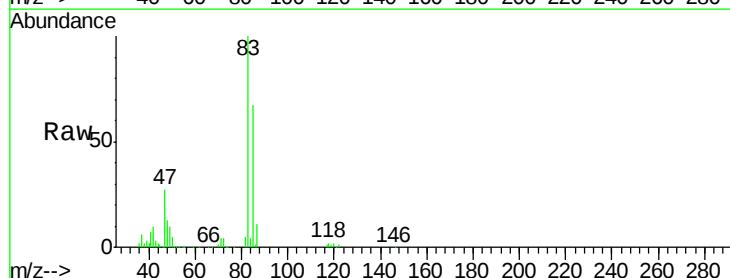
Manual Integrations
APPROVED

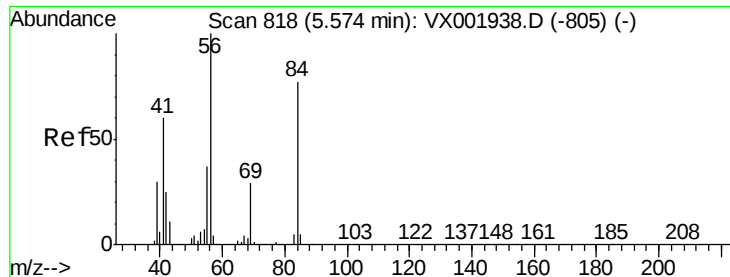
MMDadoda
6/4/2018 2:31:51 PM



#30
Chloroform
Concen: 19.06 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX002238.D
Acq: 02 Jun 2018 14:43

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.5	50.9	76.3





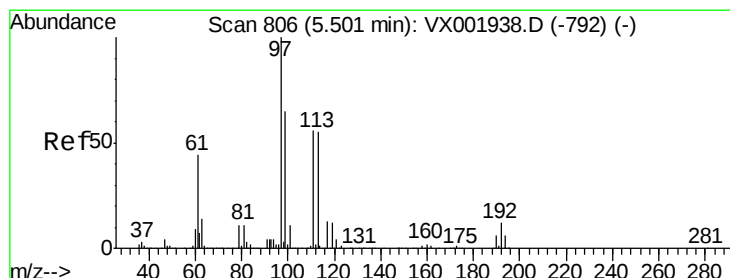
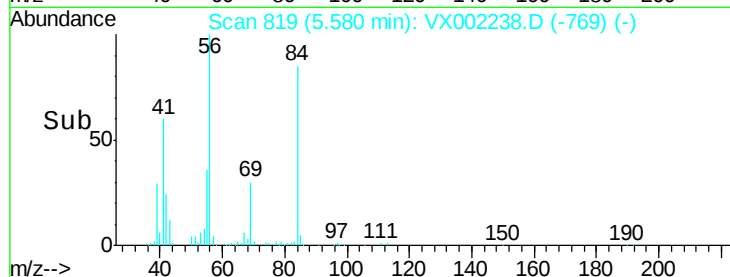
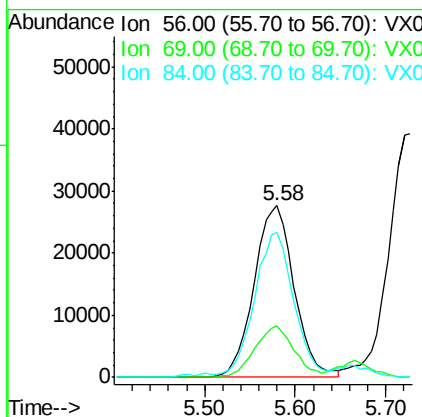
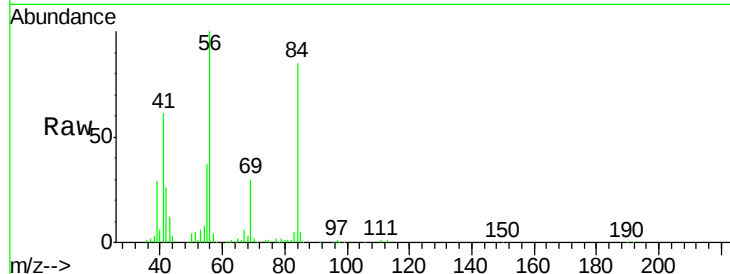
#31
Cyclohexane
Concen: 16.82 ug/l
RT: 5.58 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX002238.D
Acq: 02 Jun 2018 14:43

Instrument :
MSVOA_X
ClientSampleId :
VX0602WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.0	23.1	34.7
84	83.4	62.0	93.0

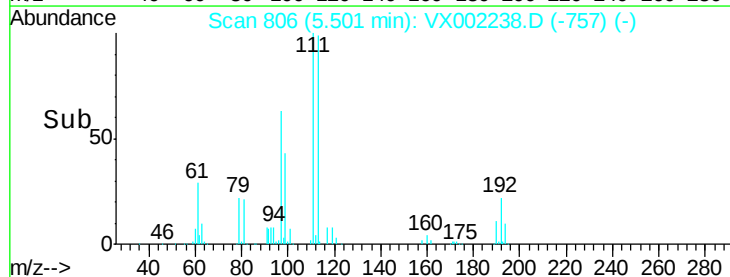
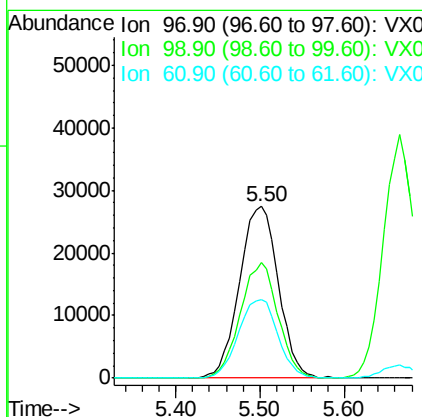
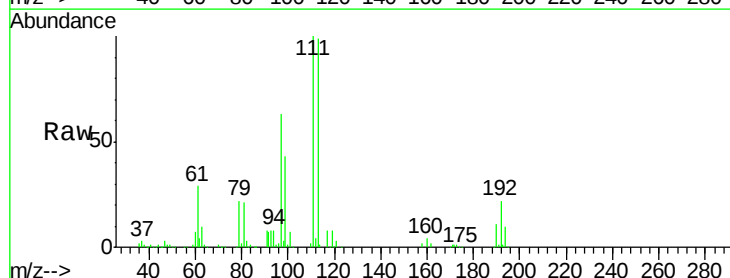
Manual Integrations
APPROVED

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#32
1,1,1-Trichloroethane
Concen: 16.91 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX002238.D
Acq: 02 Jun 2018 14:43

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.4	51.9	77.9
61	46.9	35.9	53.9





#33

1,2-Dichloroethane-d4

Concen: 46.62 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX002238.D

Acq: 02 Jun 2018 14:43

Instrument :

MSVOA_X

ClientSampleId :

VX0602WBSD01

Tot Ion: 65 Resp: 170617

Ion Ratio Lower Upper

65 100

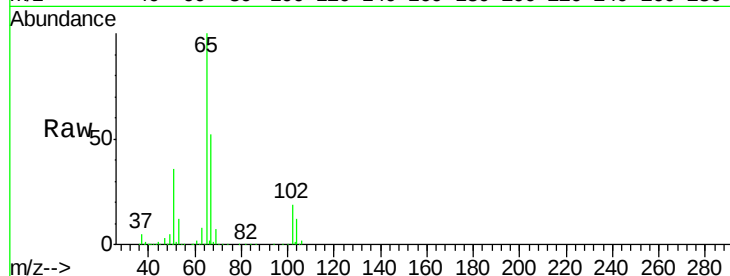
67 51.6 0.0 104.0

Manual Integrations

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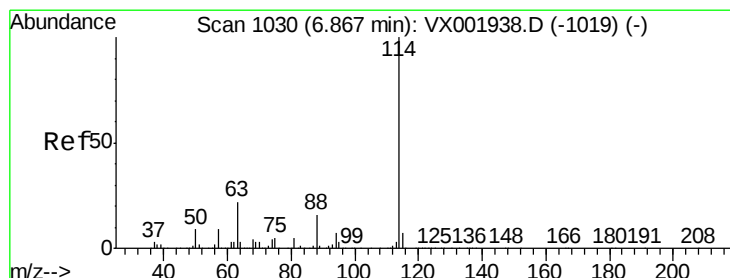
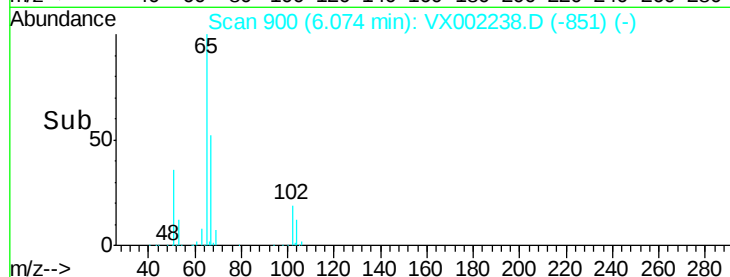
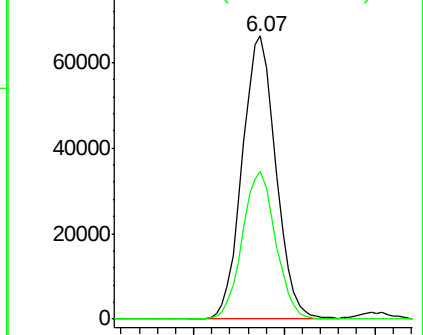
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002238.D

Acq: 02 Jun 2018 14:43

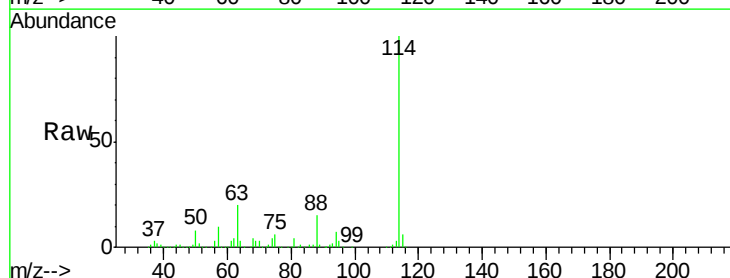
Tgt Ion: 114 Resp: 283978

Ion Ratio Lower Upper

114 100

63 20.5 0.0 43.2

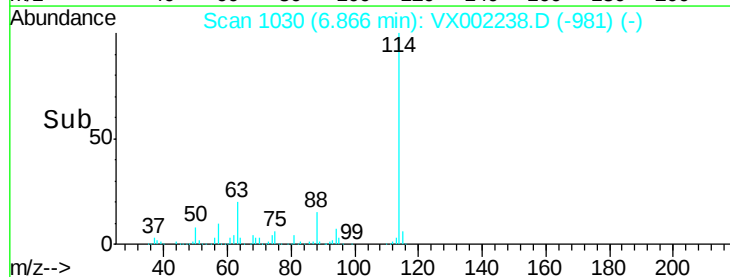
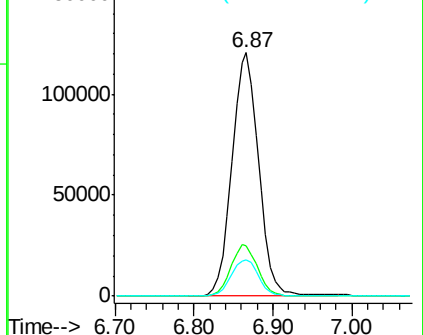
88 15.1 0.0 31.6

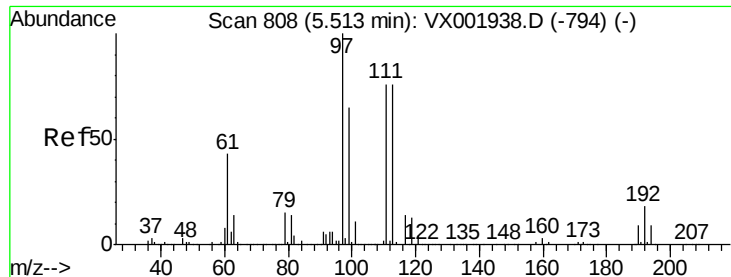


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 44.21 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX002238.D

Acq: 02 Jun 2018 14:43

Instrument :

MSVOA_X

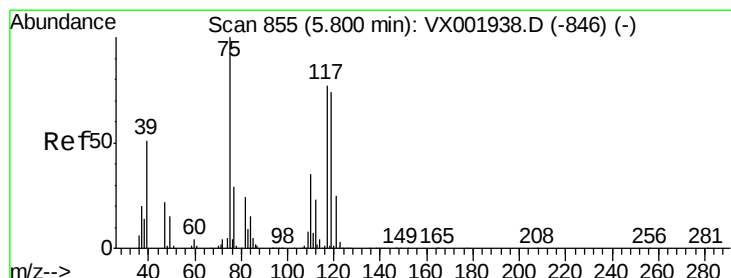
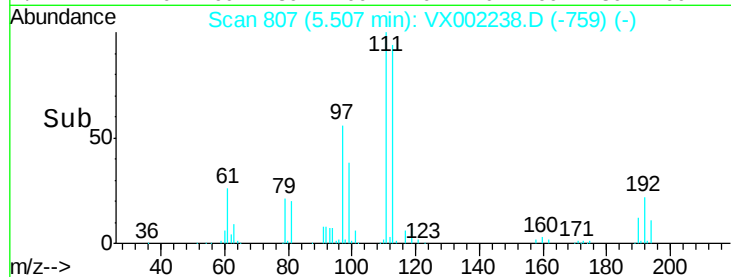
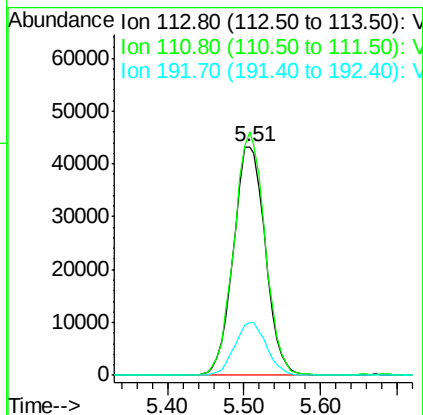
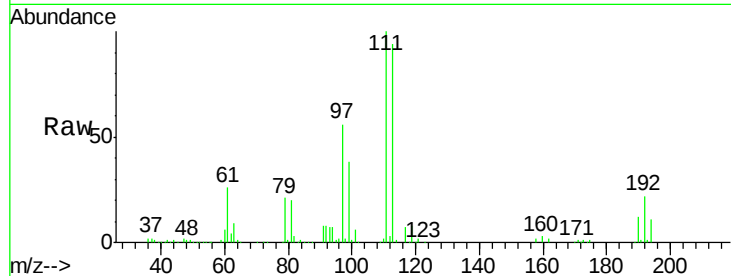
ClientSampleId :

VX0602WBSD01

Tot Ion:	113	Resp:	125549
Ion Ratio	Lower	Upper	
113	100		
111	103.4	82.0	123.0
192	23.0	18.9	28.3

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 18.08 ug/l

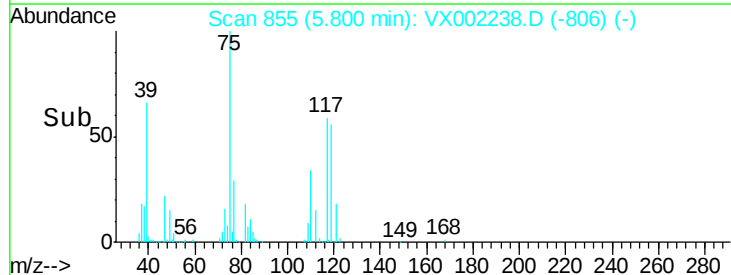
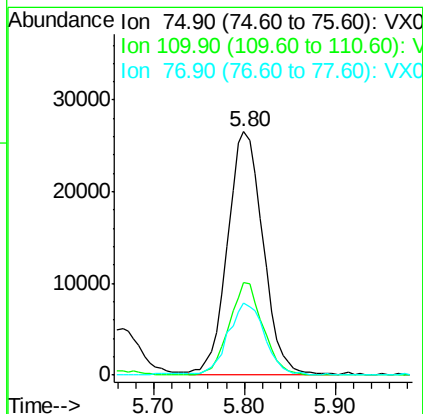
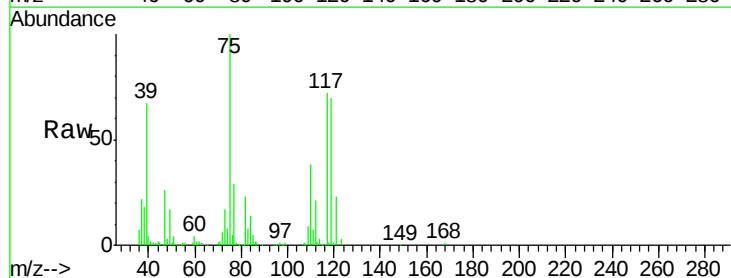
RT: 5.80 min Scan# 855

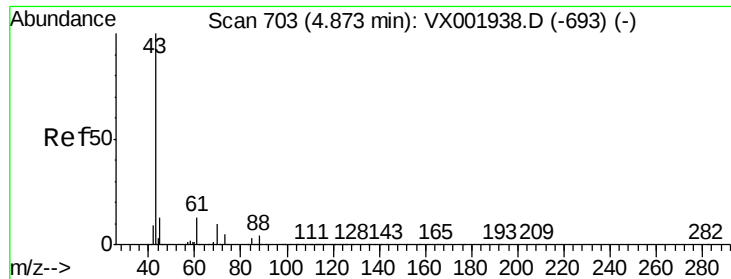
Delta R.T. -0.00 min

Lab File: VX002238.D

Acq: 02 Jun 2018 14:43

Tgt Ion:	75	Resp:	71431
Ion Ratio	Lower	Upper	
75	100		
110	36.2	17.4	52.2
77	30.5	24.4	36.6





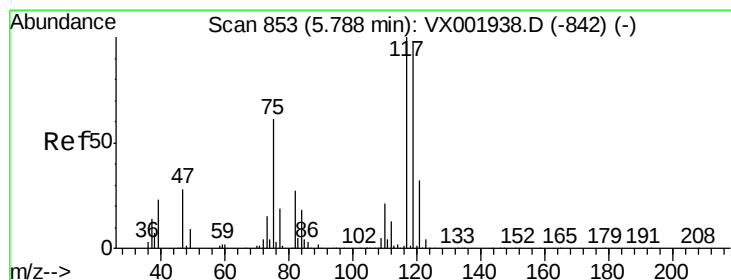
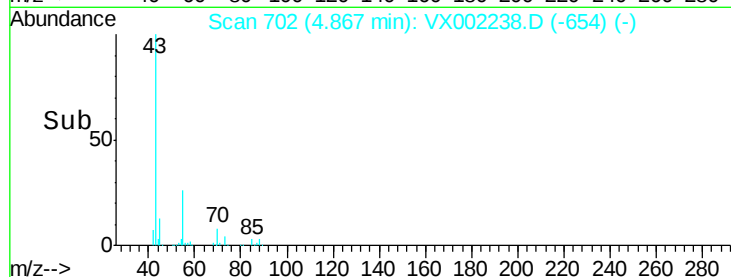
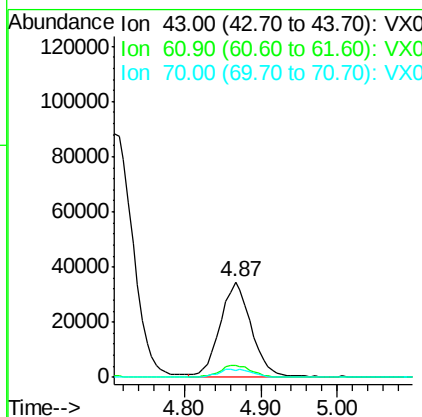
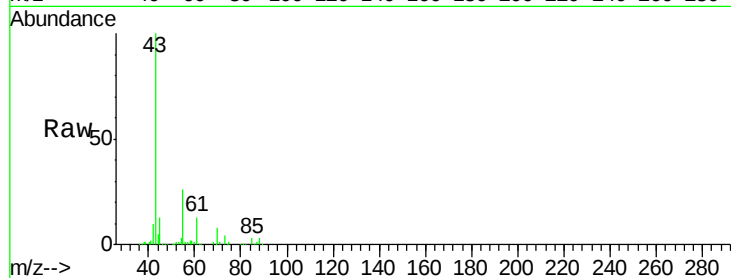
#37
Ethyl Acetate
Concen: 18.86 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX002238.D
Acq: 02 Jun 2018 14:43

Instrument :
MSVOA_X
ClientSampleId :
VX0602WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.2	15.2
70	9.4	7.8	11.8

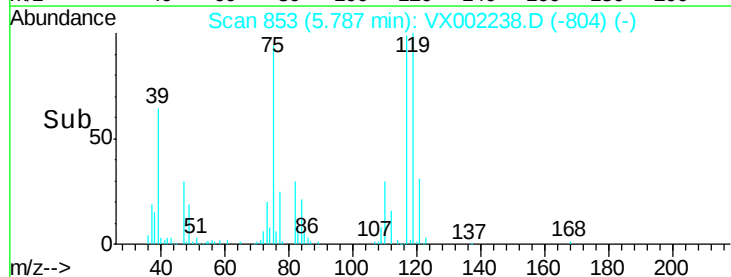
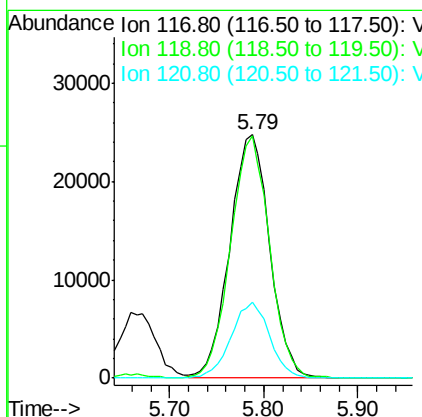
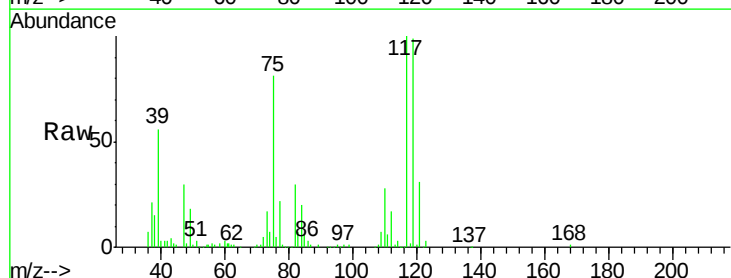
Manual Integrations
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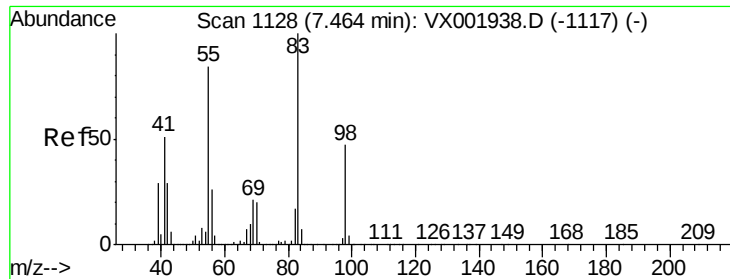
MMDadoda
6/4/2018 2:31:51 PM



#38
Carbon Tetrachloride
Concen: 15.87 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX002238.D
Acq: 02 Jun 2018 14:43

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.4	78.5	117.7
121	31.3	25.5	38.3





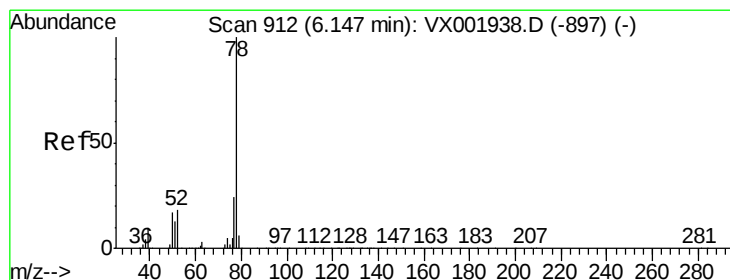
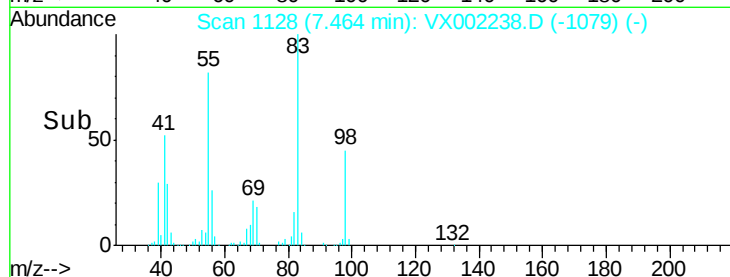
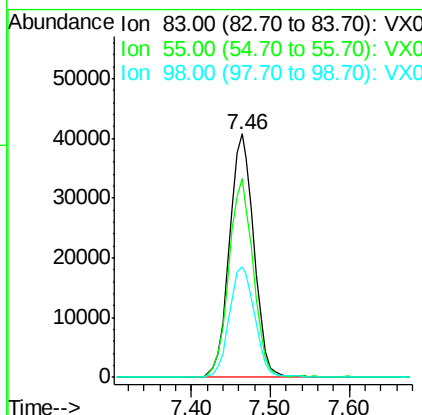
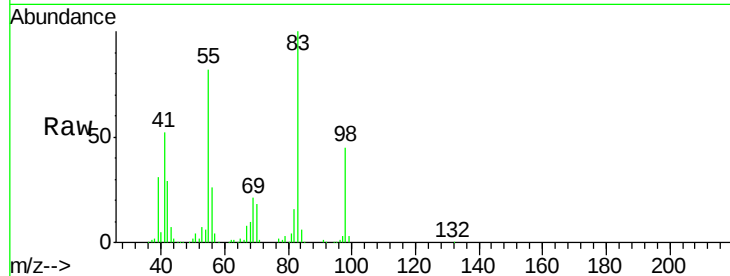
#39
Methvlcvclohexane
Concen: 18.13 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002238.D
Acq: 02 Jun 2018 14:43

Instrument :
MSVOA_X
ClientSampleId :
VX0602WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	81.5	67.3	100.9
98	45.5	37.5	56.3

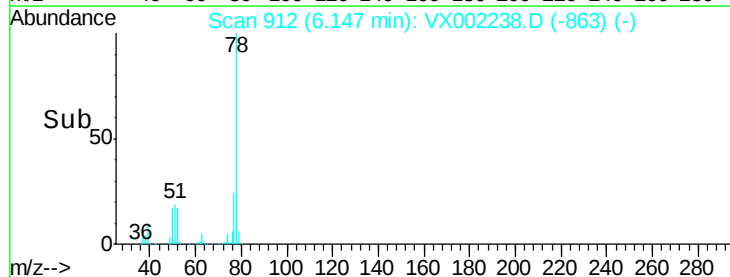
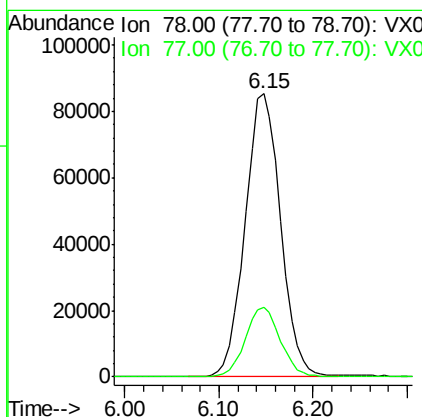
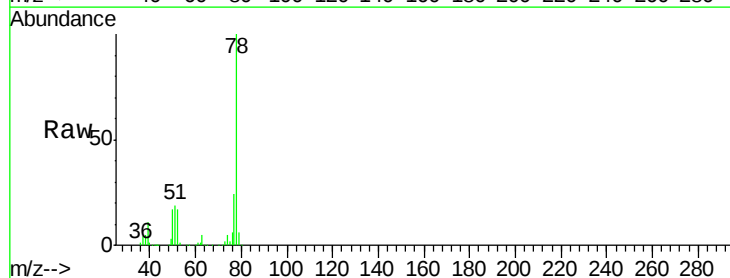
Manual Integrations
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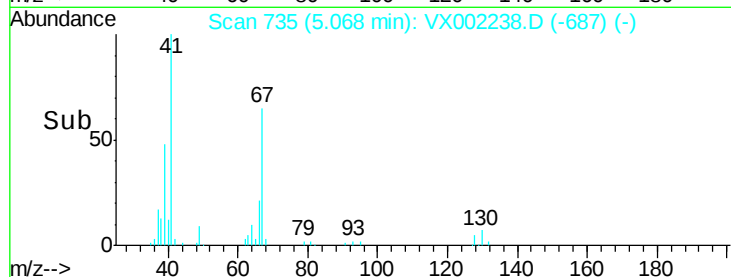
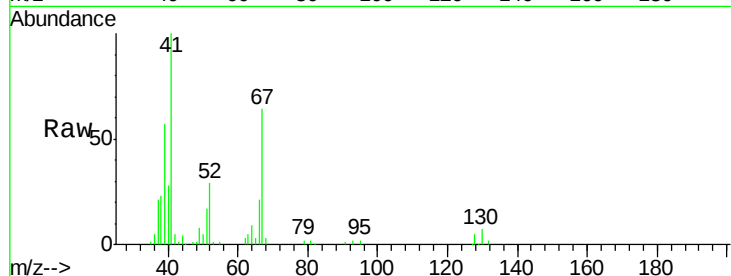
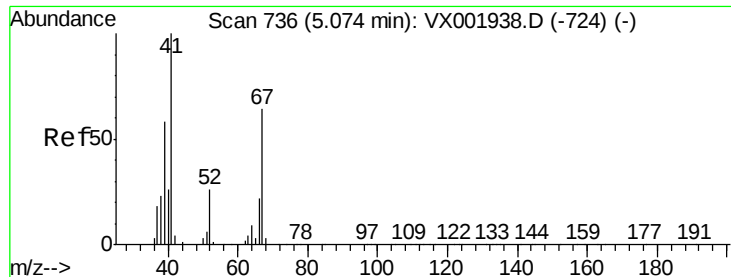
MMDadoda
6/4/2018 2:31:51 PM



#40
Benzene
Concen: 19.40 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002238.D
Acq: 02 Jun 2018 14:43

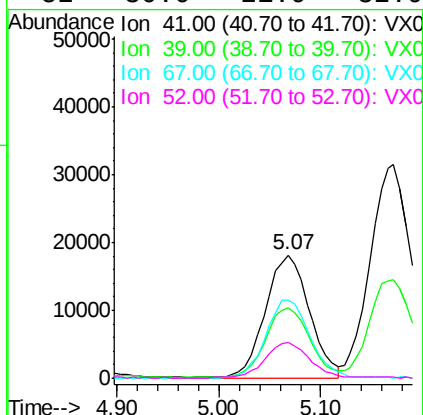
Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.5	19.1	28.7





#41
Methacrylonitrile
Concen: 18.98 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX002238.D
Acq: 02 Jun 2018 14:43

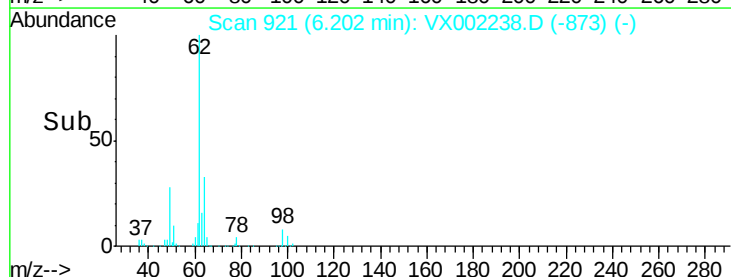
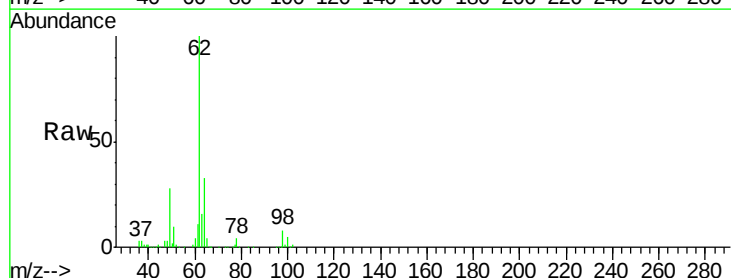
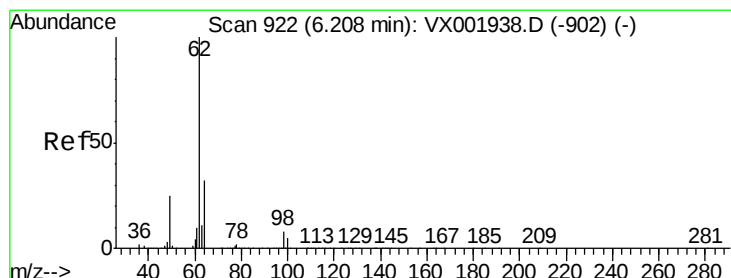
Tot Ion	Ratio	Lower	Upper
41	100		
39	57.2	46.0	69.0
67	65.5	50.6	75.8
52	30.0	21.9	32.9



Instrument :
MSVOA_X
ClientSampleId :
VX0602WBSD01

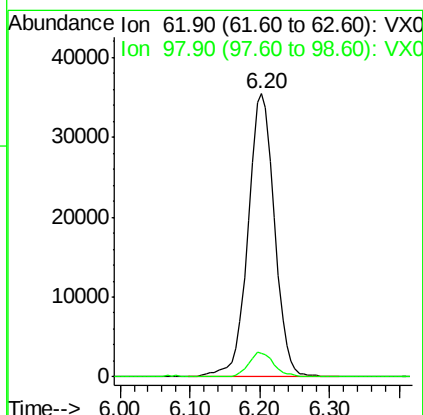
Manual Integrations
APPROVED

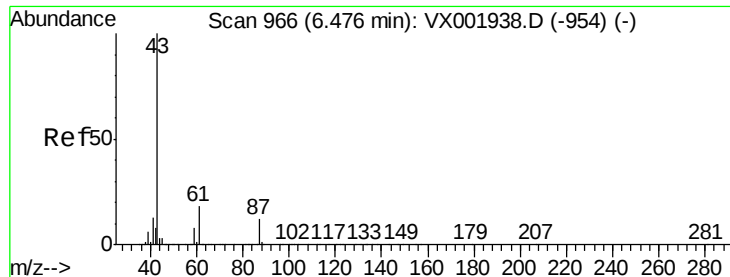
MMDadoda
6/4/2018 2:31:51 PM



#42
1,2-Dichloroethane
Concen: 20.23 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: VX002238.D
Acq: 02 Jun 2018 14:43

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	17.0





#43

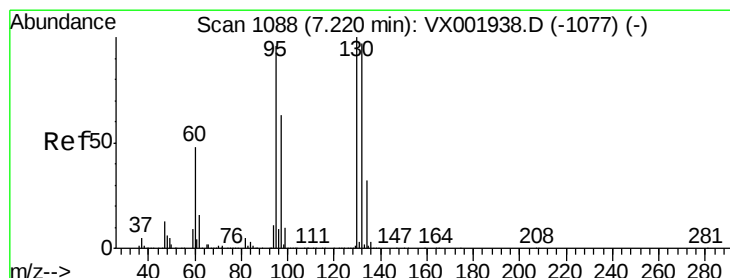
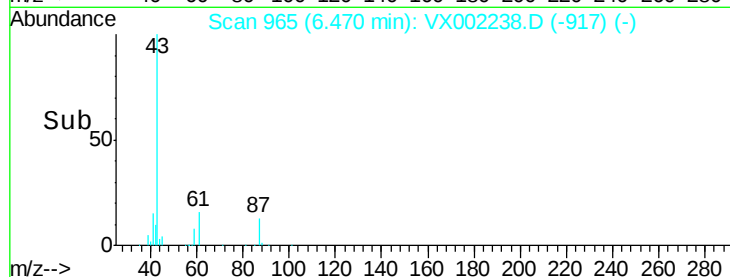
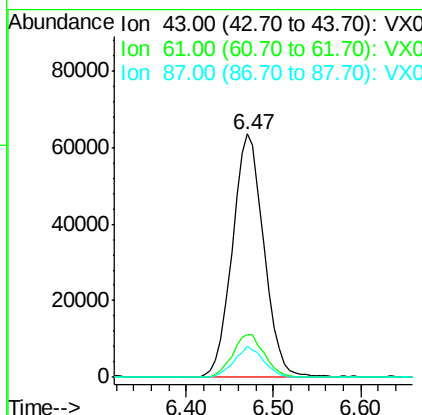
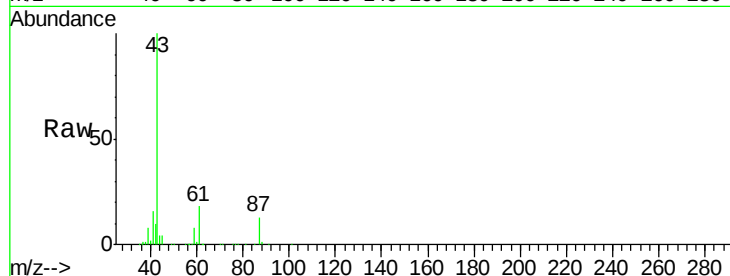
Isopropyl Acetate
 Concen: 18.40 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: VX002238.D
 Acq: 02 Jun 2018 14:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0602WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.2	14.5	21.7
87	12.0	9.5	14.3

Manual Integrations
 APPROVED

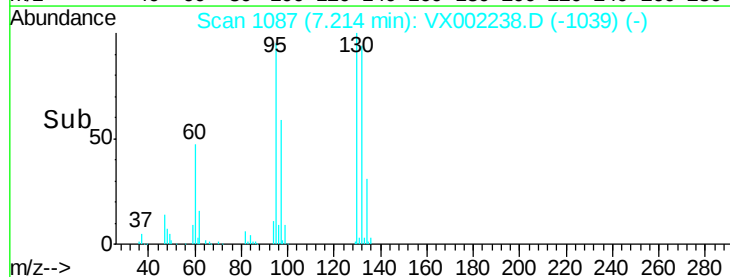
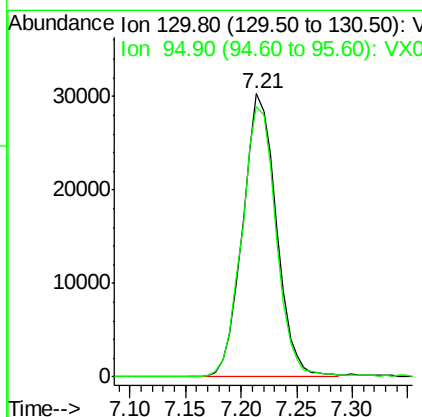
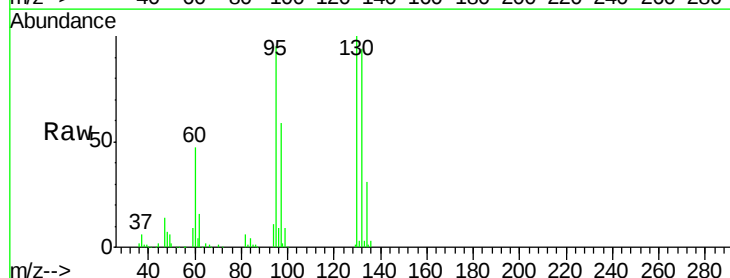
MMDadoda
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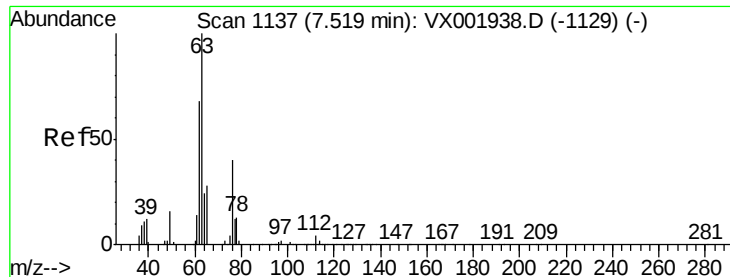


#44

Trichloroethene
 Concen: 18.95 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: VX002238.D
 Acq: 02 Jun 2018 14:43

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.4	0.0	192.0





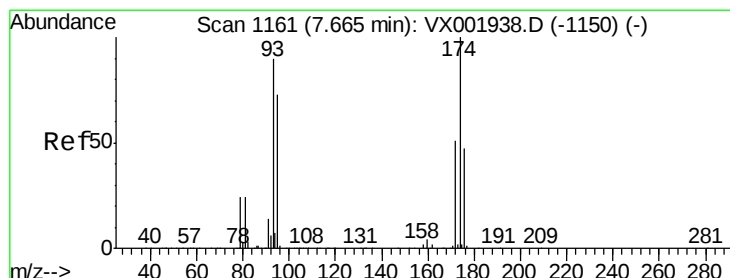
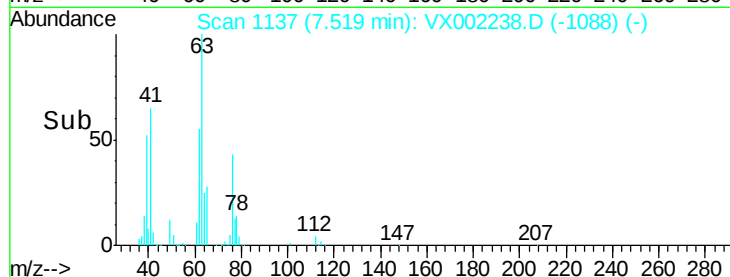
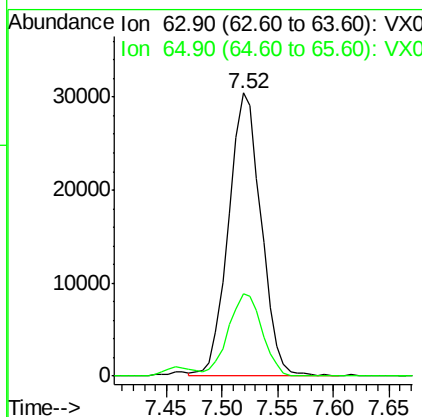
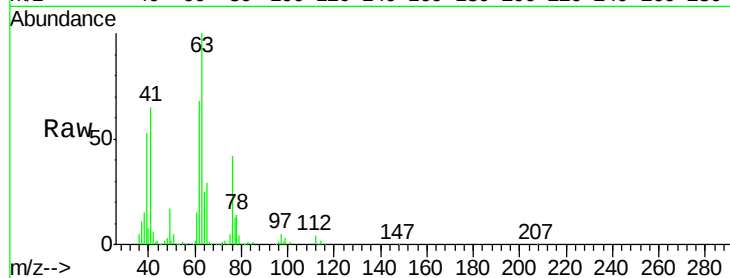
#45
 1,2-Dichloropropane
 Concen: 19.67 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX002238.D
 Acq: 02 Jun 2018 14:43

Instrument :
 MSVOA_X
 ClientSampled :
 VX0602WBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.1	24.1	36.1

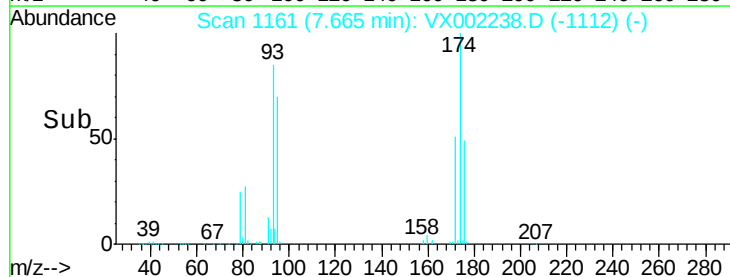
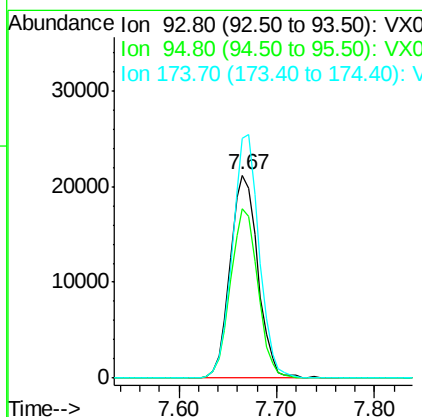
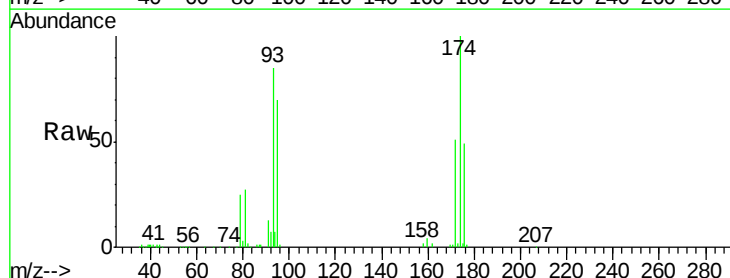
Manual Integrations
 APPROVED

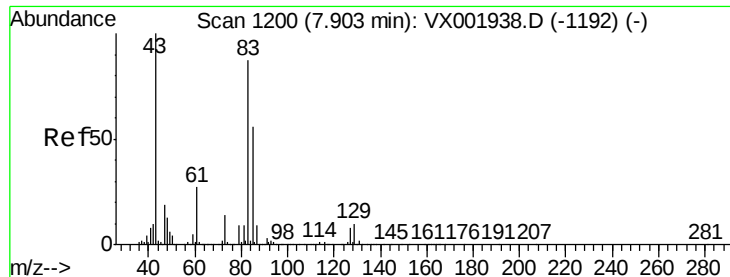
MMDadoda
 6/4/2018 2:31:51 PM



#46
 Dibromomethane
 Concen: 20.02 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX002238.D
 Acq: 02 Jun 2018 14:43

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.8	66.1	99.1
174	116.1	92.5	138.7





#47

Bromodichloromethane

Concen: 16.44 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002238.D

Acq: 02 Jun 2018 14:43

Instrument :

MSVOA_X

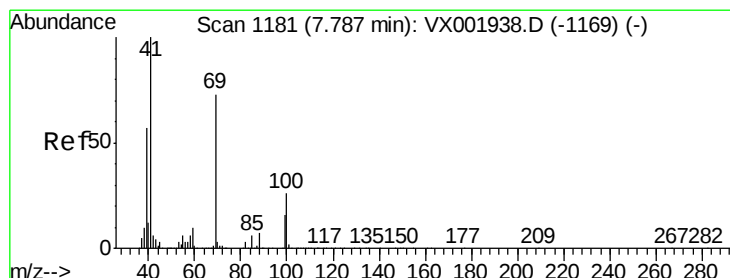
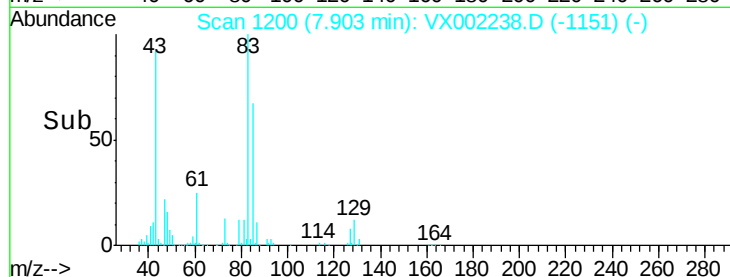
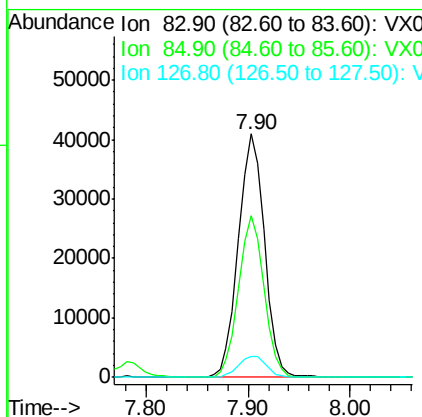
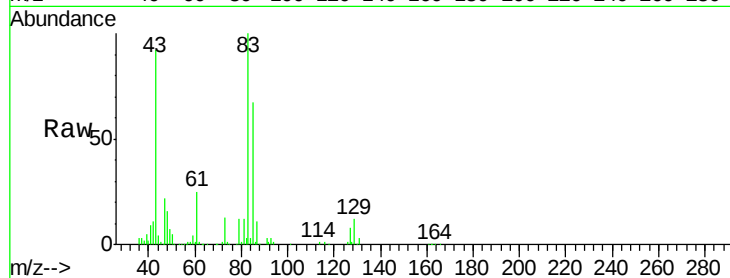
ClientSampleId :

VX0602WBSD01

Tot Ion:	83	Resp:	72937
Ion	Ratio	Lower	Upper
83	100		
85	66.6	51.4	77.2
127	8.5	7.1	10.7

Manual Integrations
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MMDadoda
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#48

Methyl methacrylate

Concen: 18.62 ug/l

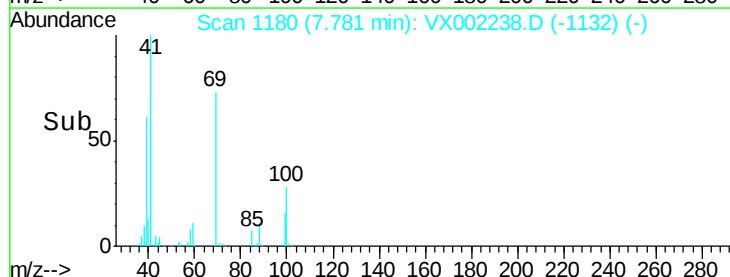
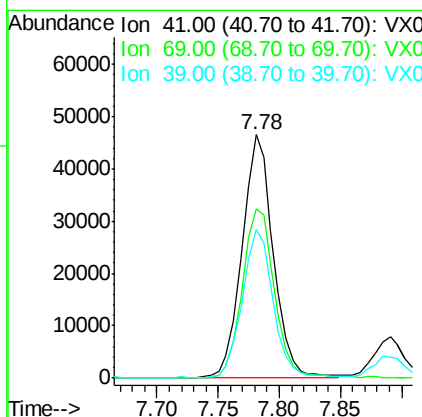
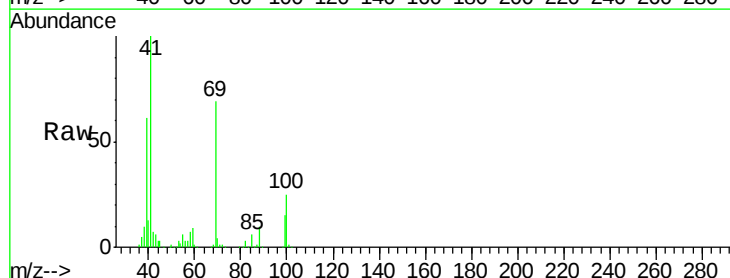
RT: 7.78 min Scan# 1180

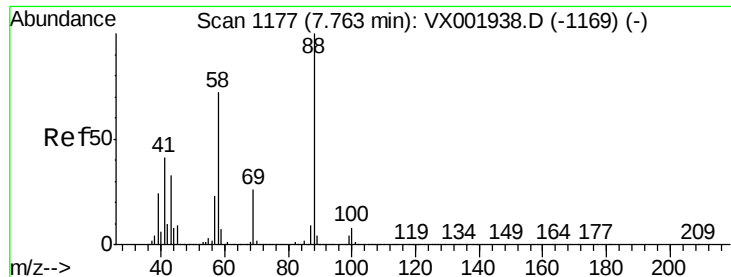
Delta R.T. -0.01 min

Lab File: VX002238.D

Acq: 02 Jun 2018 14:43

Tgt Ion:	41	Resp:	81295
Ion	Ratio	Lower	Upper
41	100		
69	72.9	58.6	87.8
39	60.5	46.3	69.5





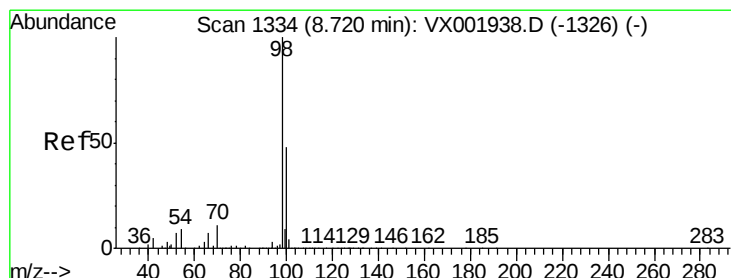
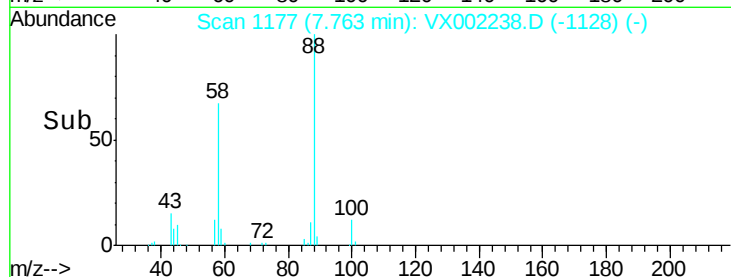
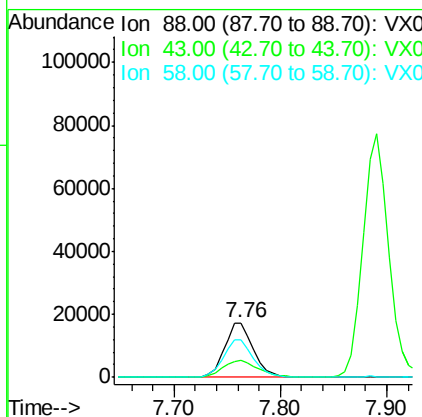
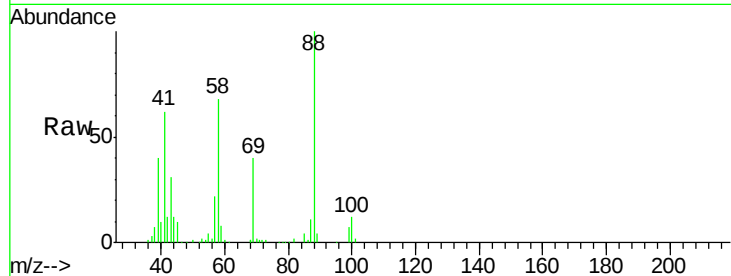
#49
1,4-Dioxane
Concen: 424.15 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VX002238.D
Acq: 02 Jun 2018 14:43

Instrument :
MSVOA_X
ClientSampleId :
VX0602WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.5	29.8	44.8
58	72.6	58.7	88.1

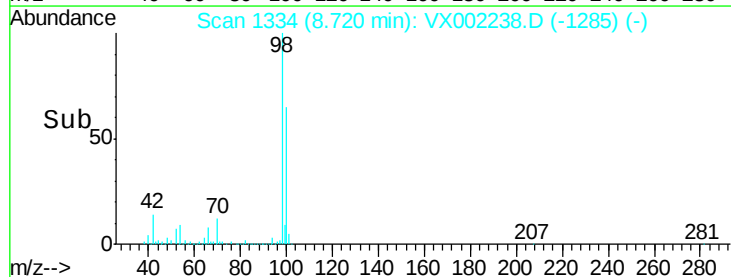
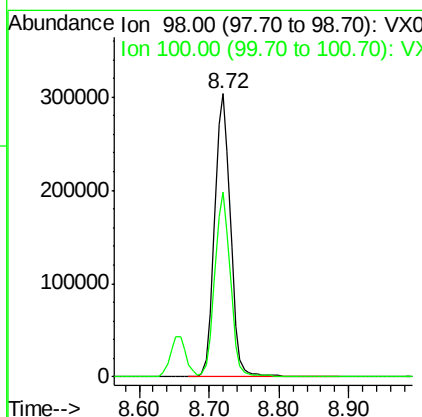
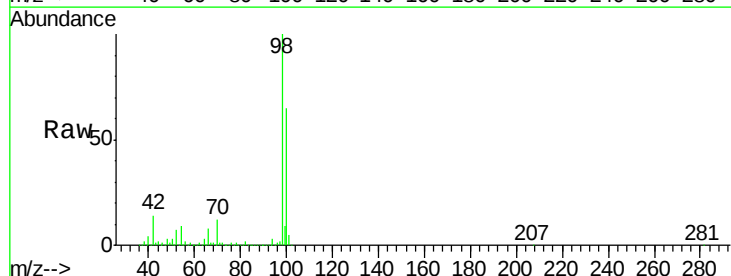
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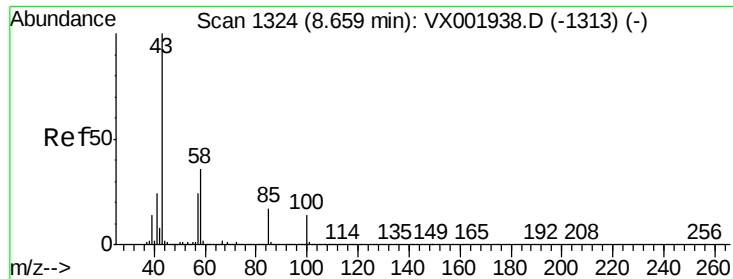
MMDadoda
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#50
Toluene-d8
Concen: 46.57 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002238.D
Acq: 02 Jun 2018 14:43

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.5	77.3





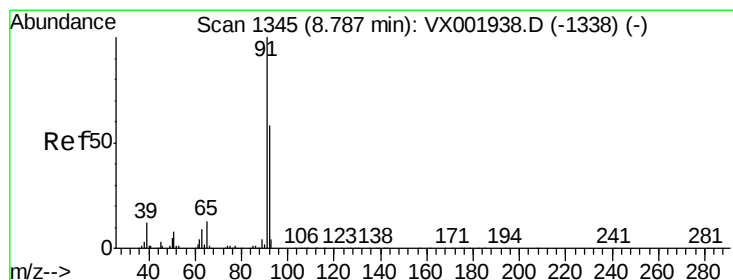
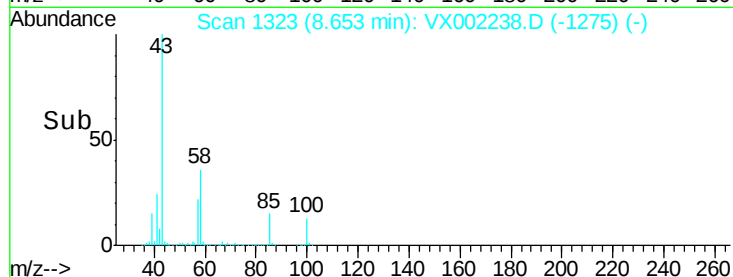
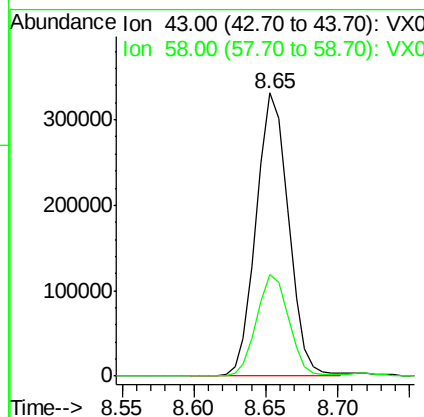
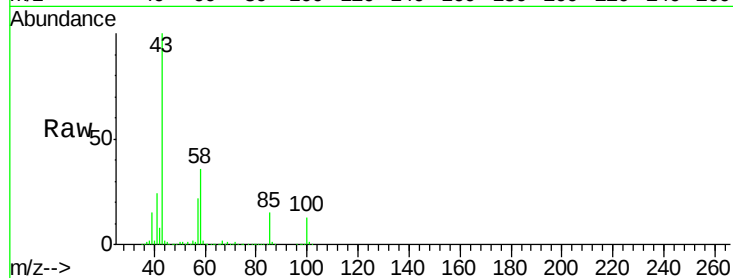
#51
 4-Methyl-2-Pentanone
 Concen: 99.43 ug/l
 RT: 8.65 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: VX002238.D
 Acq: 02 Jun 2018 14:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0602WBSD01

Tot Ion	43	58	Ratio	Lower	Upper
Resp: 514296	100	35.6		28.5	42.7

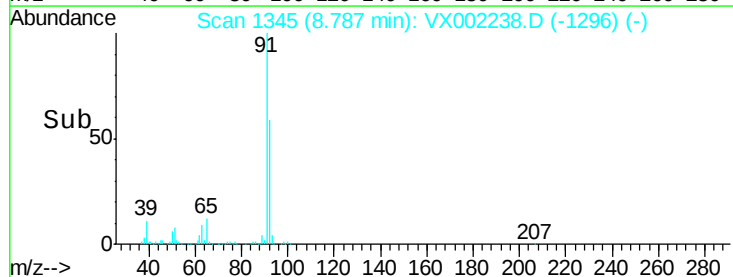
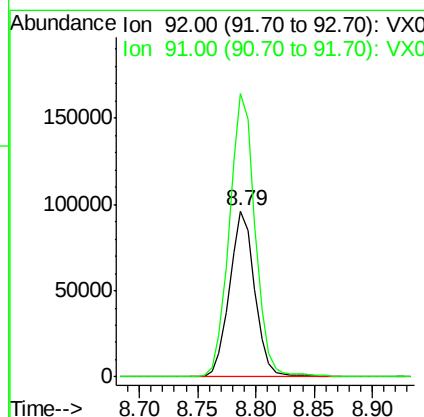
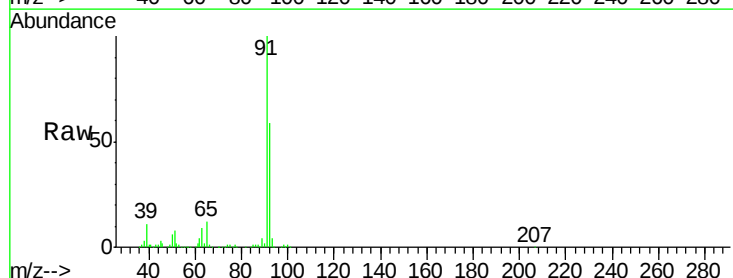
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#52
 Toluene
 Concen: 19.75 ug/l
 RT: 8.79 min Scan# 1345
 Delta R.T. -0.00 min
 Lab File: VX002238.D
 Acq: 02 Jun 2018 14:43

Tgt Ion	92	91	Ratio	Lower	Upper
Resp: 145421	100	174.7		139.4	209.2





#53

t-1,3-Dichloropropene

Concen: 17.39 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX002238.D

Acq: 02 Jun 2018 14:43

Instrument :

MSVOA_X

ClientSampleId :

VX0602WBSD01

Tot Ion: 75 Resp: 88851

Ion Ratio Lower Upper

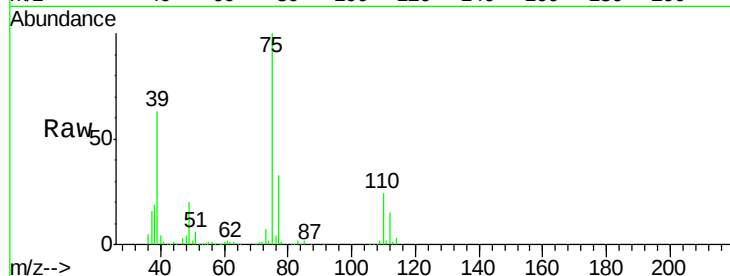
75 100

77 32.8 25.5 38.3

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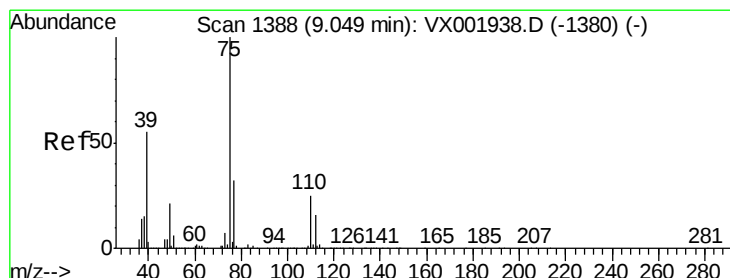
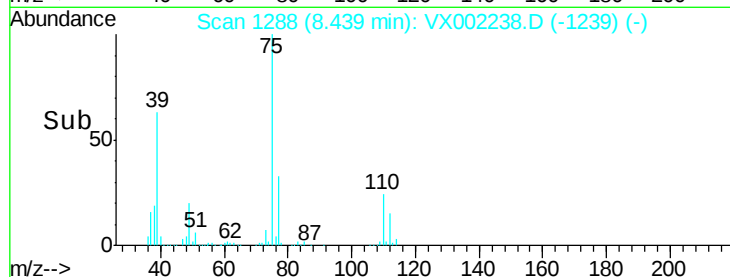
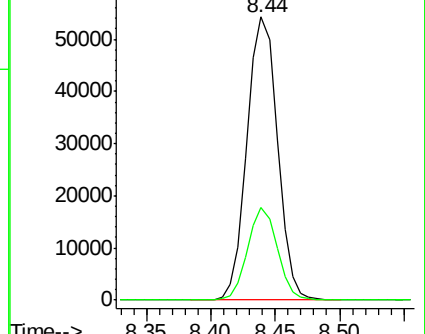
MMDadoda

6/4/2018 2:31:51 PM



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 16.85 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX002238.D

Acq: 02 Jun 2018 14:43

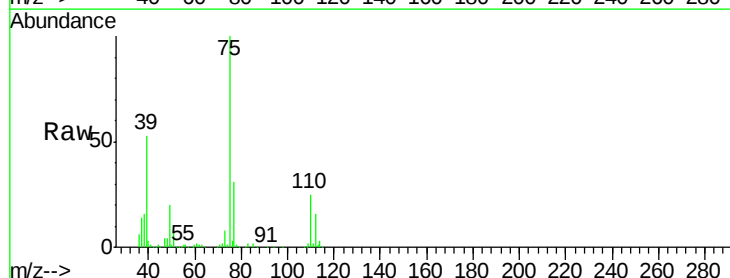
Tgt Ion: 75 Resp: 83919

Ion Ratio Lower Upper

75 100

77 31.0 25.4 38.0

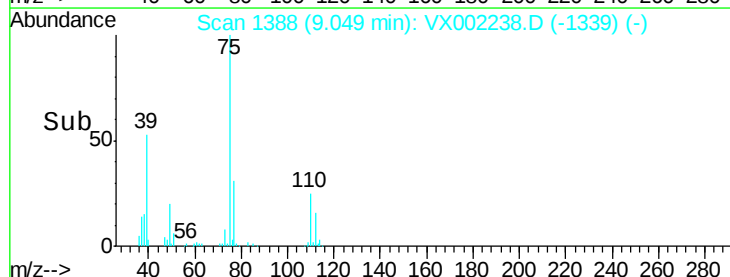
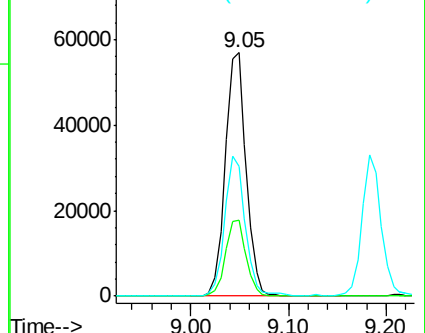
39 53.1 44.1 66.1

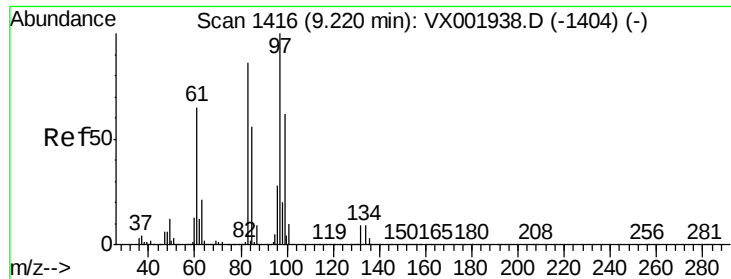


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





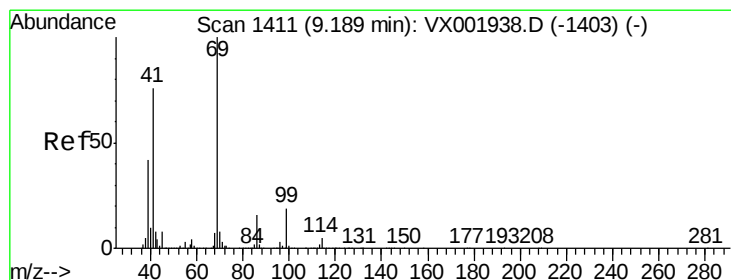
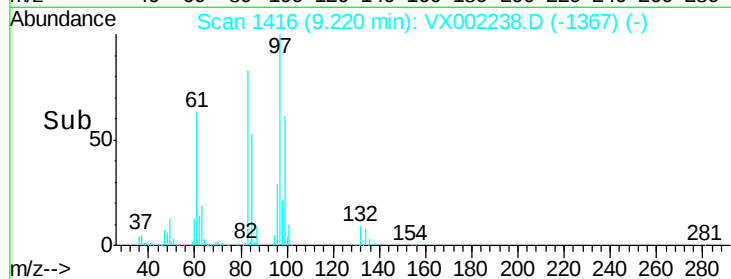
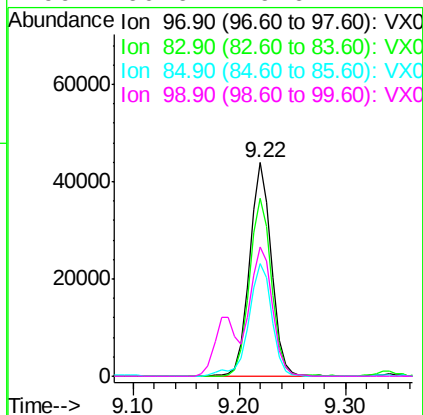
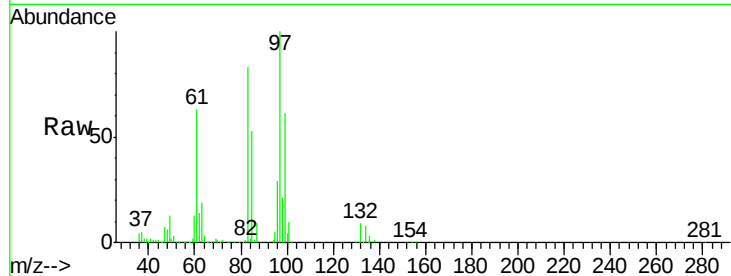
#55
 1,1,2-Trichloroethane
 Concen: 20.64 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002238.D
 Acq: 02 Jun 2018 14:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0602WBSD01

Tot Ion:	97	Resp:	63500
Ion	Ratio	Lower	Upper
97	100		
83	83.5	69.1	103.7
85	53.0	45.2	67.8
99	60.6	49.6	74.4

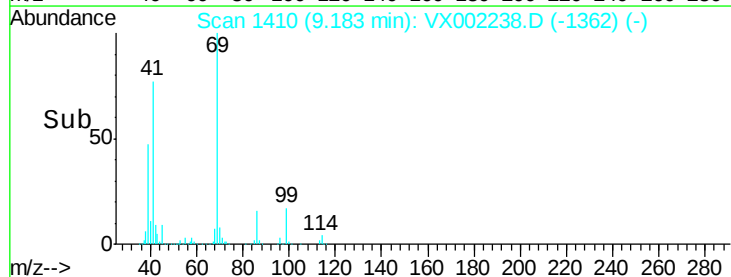
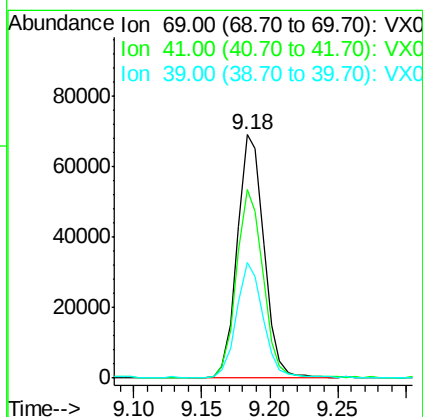
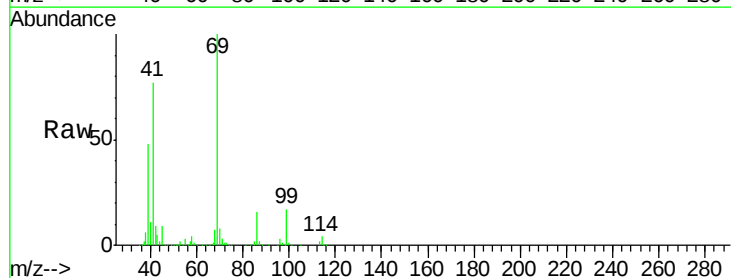
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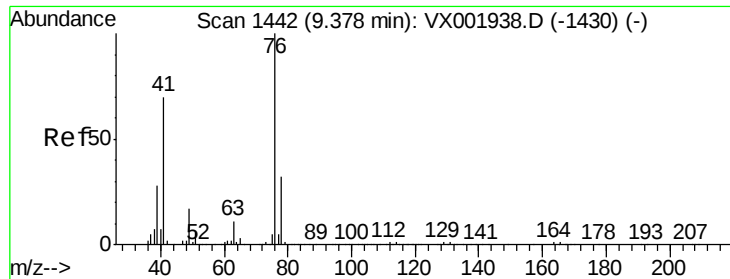
MMDadoda
 6/4/2018 2:31:51 PM



#56
 Ethyl methacrylate
 Concen: 17.92 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.01 min
 Lab File: VX002238.D
 Acq: 02 Jun 2018 14:43

Tgt Ion:	69	Resp:	94818
Ion	Ratio	Lower	Upper
69	100		
41	76.4	61.0	91.6
39	47.1	34.4	51.6





#57

1,3-Dichloropropane

Concen: 20.26 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX002238.D

Acq: 02 Jun 2018 14:43

Instrument :

MSVOA_X

ClientSampleId :

VX0602WBSD01

Tot Ion: 76 Resp: 102679

Ion Ratio Lower Upper

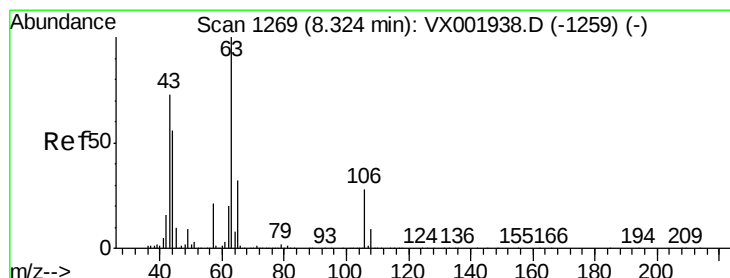
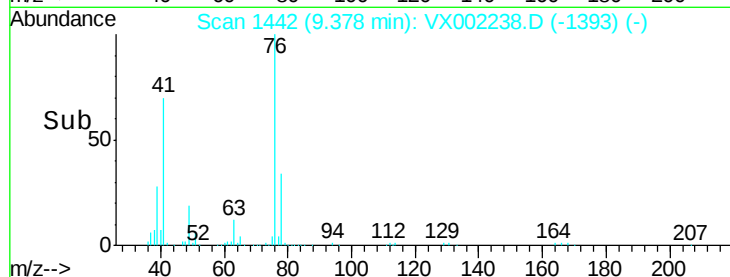
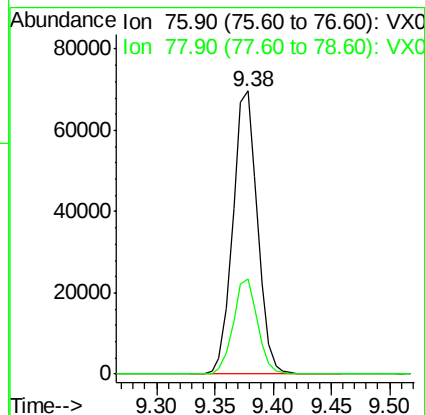
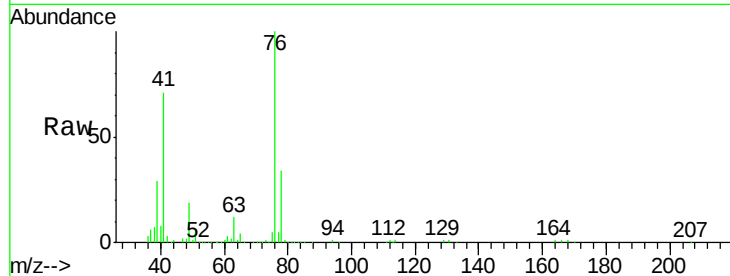
76 100

78 33.4 25.6 38.4

Manual Integrations
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#58

2-Chloroethyl Vinyl ether

Concen: 89.96 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX002238.D

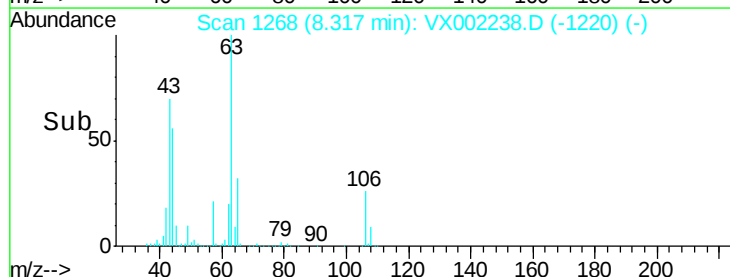
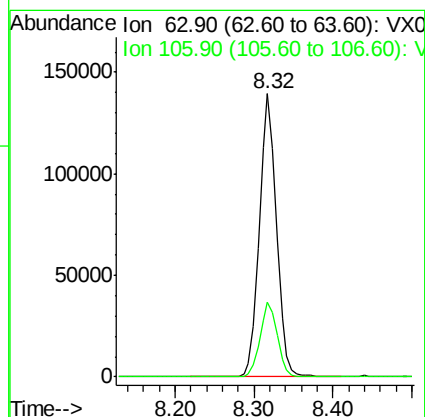
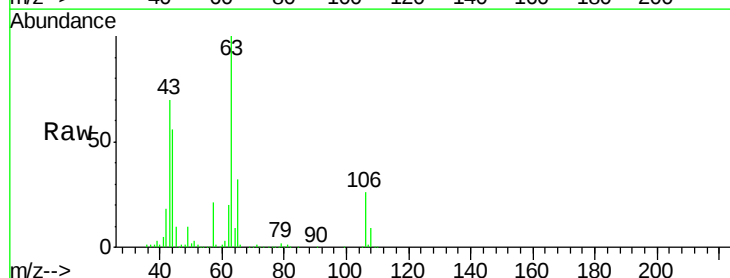
Acq: 02 Jun 2018 14:43

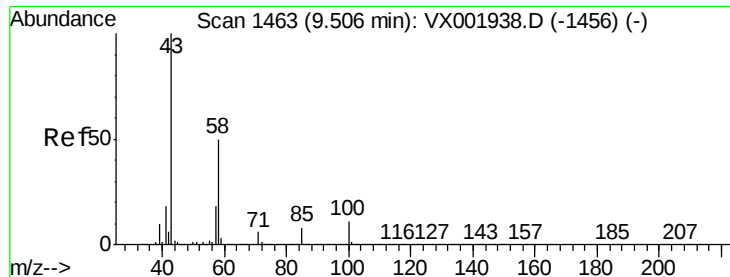
Tgt Ion: 63 Resp: 211011

Ion Ratio Lower Upper

63 100

106 26.6 21.7 32.5





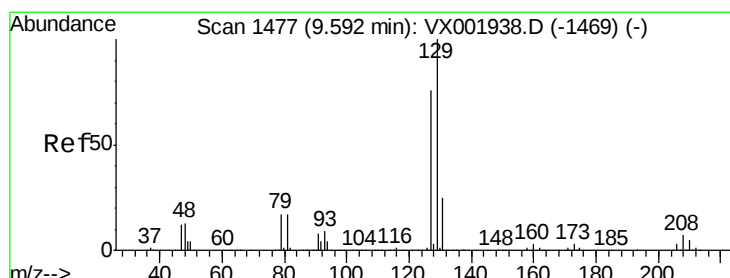
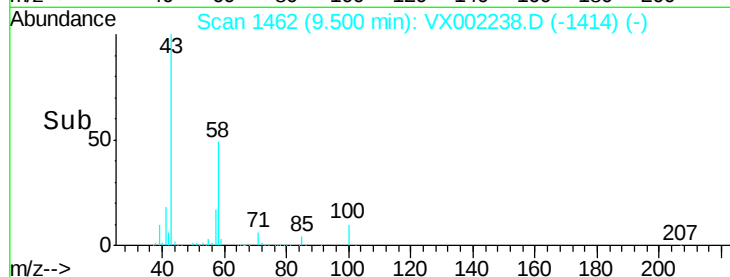
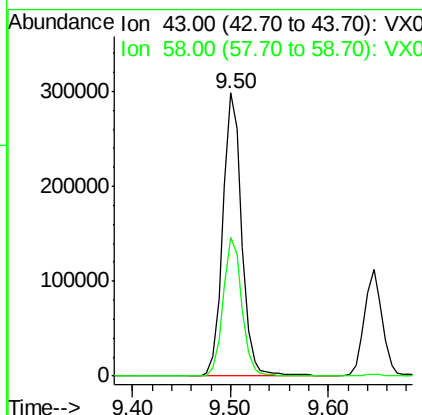
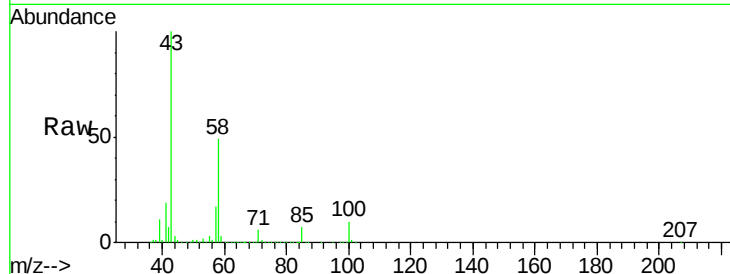
#59
2-Hexanone
Concen: 99.99 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX002238.D
Acq: 02 Jun 2018 14:43

Instrument :
MSVOA_X
ClientSampleId :
VX0602WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	49.1	24.9	74.6

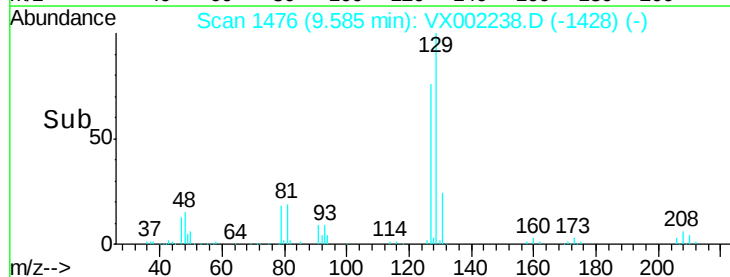
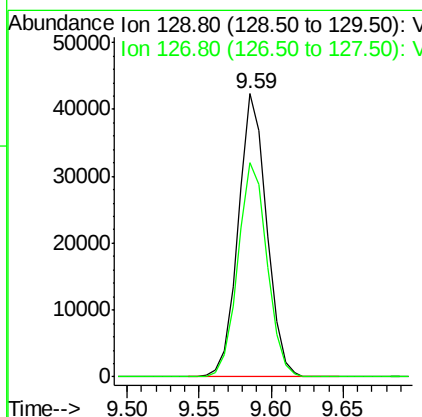
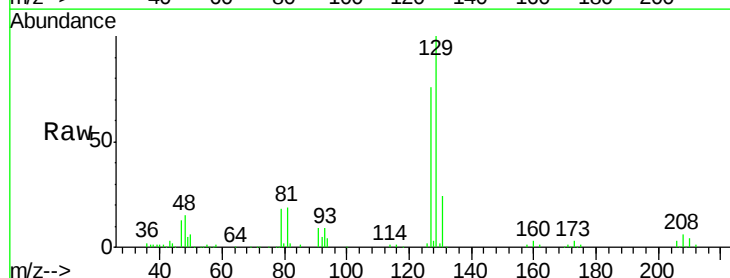
Manual Integrations
APPROVED

MMDadoda
6/4/2018 2:31:51 PM



#60
Dibromochloromethane
Concen: 15.92 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX002238.D
Acq: 02 Jun 2018 14:43

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.6	38.3	114.9





#61

1,2-Dibromoethane

Concen: 19.72 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002238.D

Acq: 02 Jun 2018 14:43

Instrument :

MSVOA_X

ClientSampleId :

VX0602WBSD01

Tot Ion:107 Resp: 63648

Ion Ratio Lower Upper

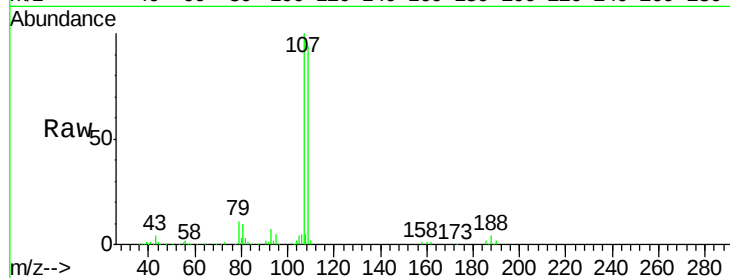
107 100

109 94.6 75.3 112.9

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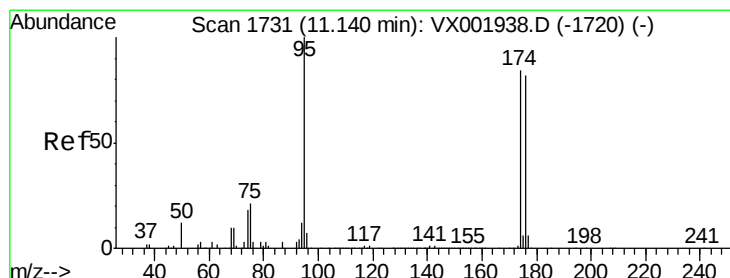
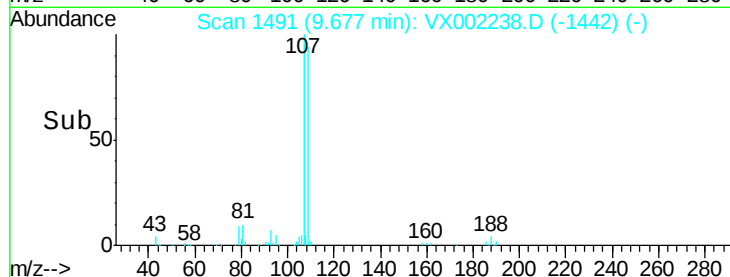
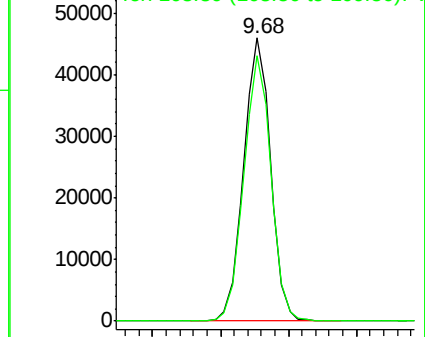
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 45.77 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002238.D

Acq: 02 Jun 2018 14:43

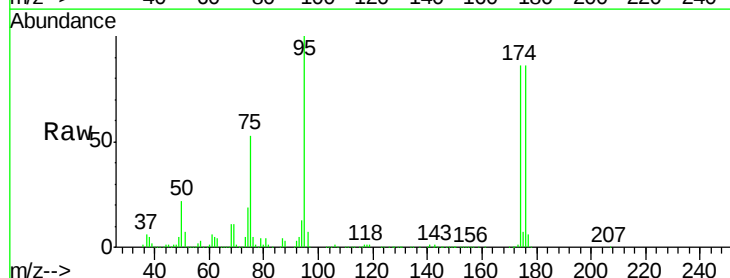
Tgt Ion: 95 Resp: 184096

Ion Ratio Lower Upper

95 100

174 93.8 0.0 178.8

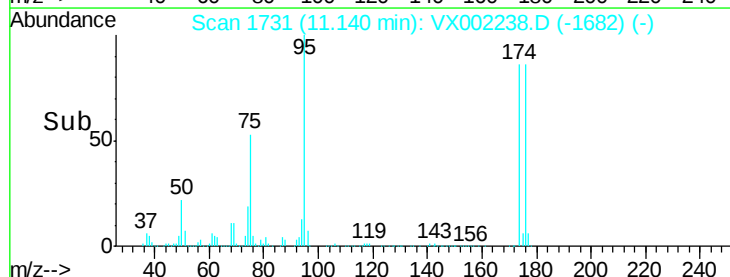
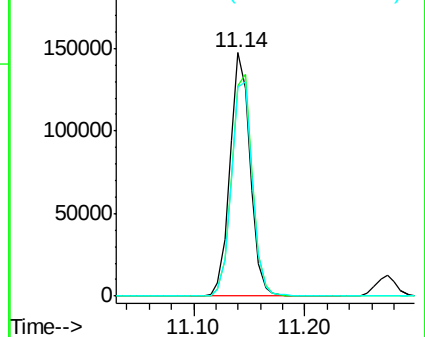
176 91.8 0.0 175.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





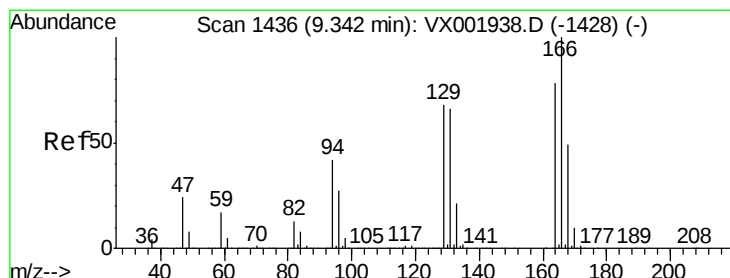
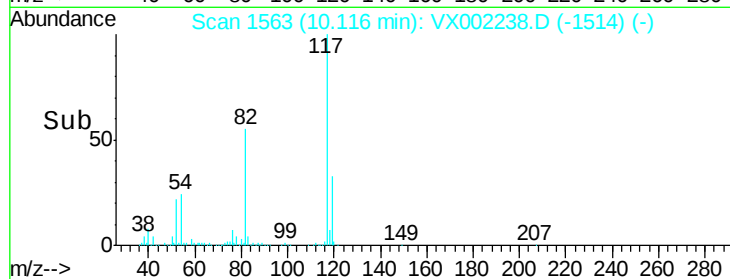
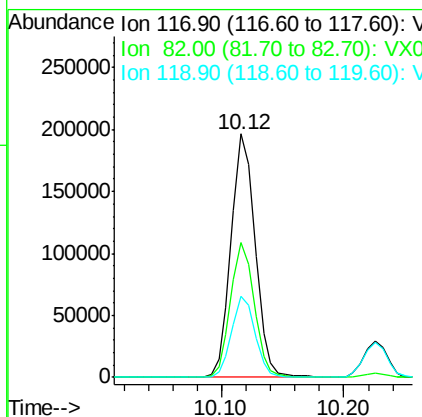
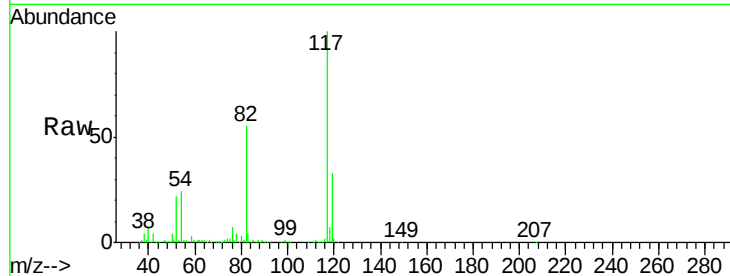
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002238.D
Acq: 02 Jun 2018 14:43

Instrument :
MSVOA_X
ClientSampleId :
VX0602WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.1	44.8	67.2
119	33.0	25.5	38.3

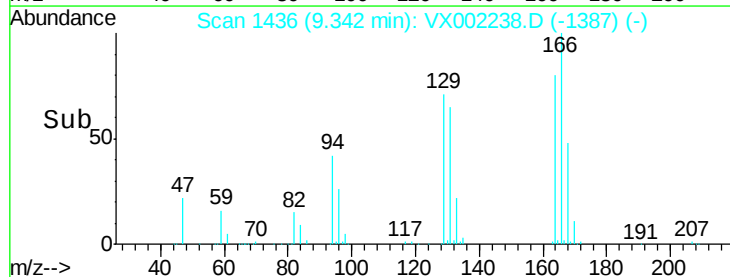
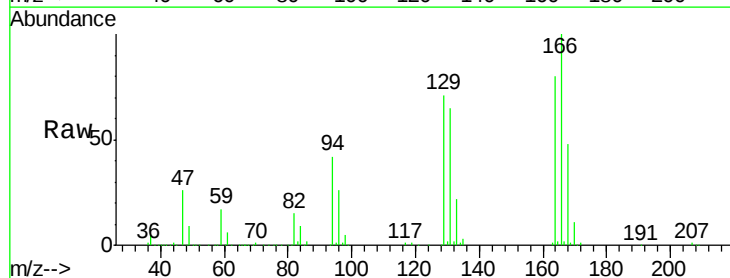
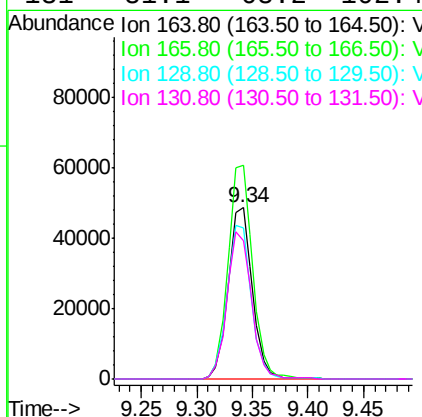
Manual Integrations
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#64
Tetrachloroethene
Concen: 19.02 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002238.D
Acq: 02 Jun 2018 14:43

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.9	102.7	154.1
129	88.3	70.3	105.5
131	81.1	68.2	102.4





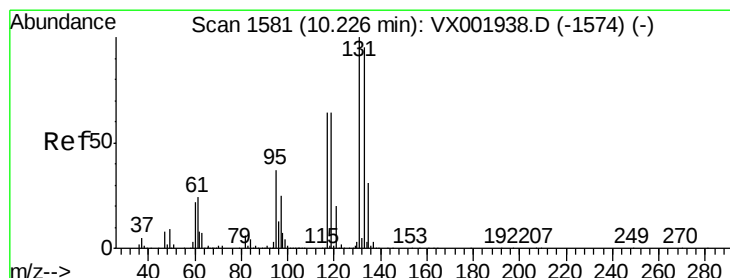
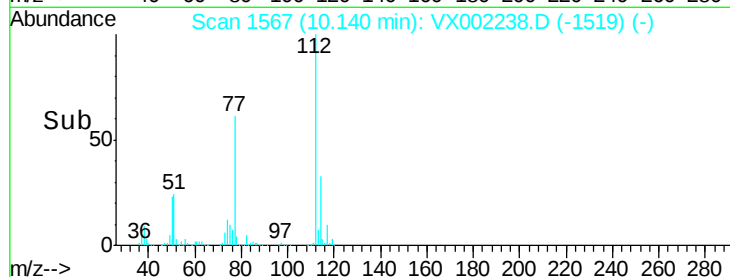
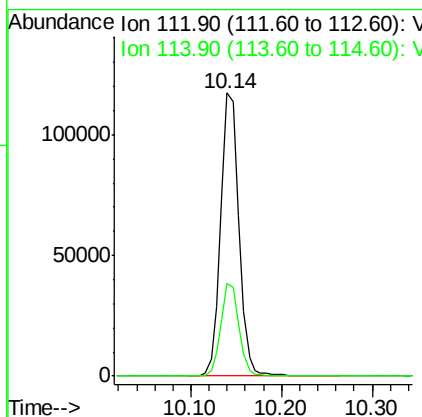
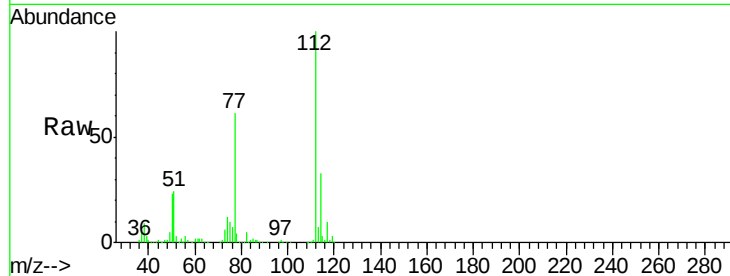
#65
Chlorobenzene
Concen: 19.52 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX002238.D
Acq: 02 Jun 2018 14:43

Instrument :
MSVOA_X
ClientSampleId :
VX0602WBSD01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.7	25.9	38.9

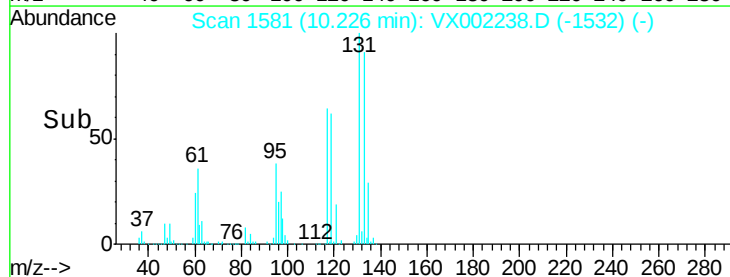
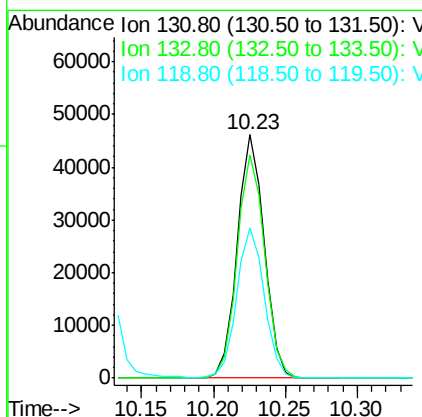
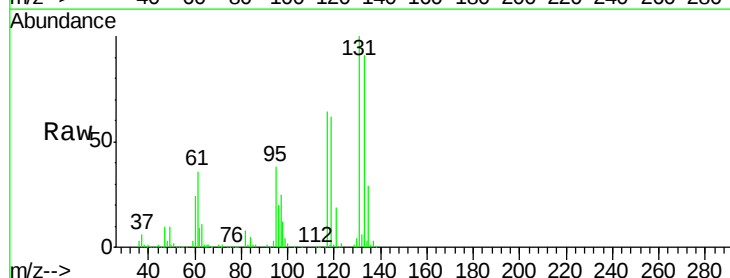
Manual Integrations
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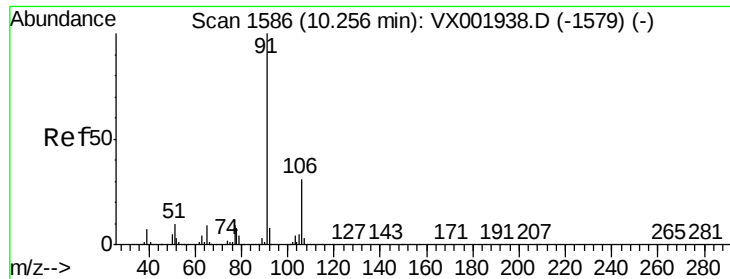
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#66
1,1,1,2-Tetrachloroethane
Concen: 17.56 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX002238.D
Acq: 02 Jun 2018 14:43

Tgt Ion	Ratio	Lower	Upper
131	100		
133	93.9	48.0	144.0
119	63.2	31.9	95.5





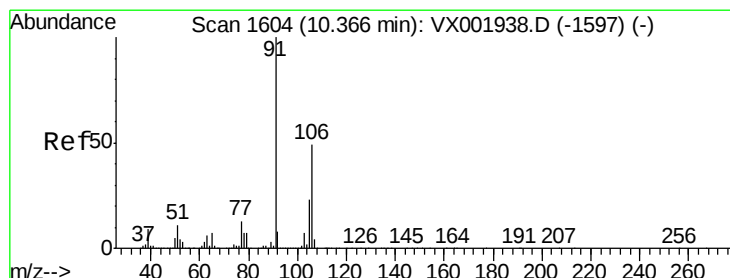
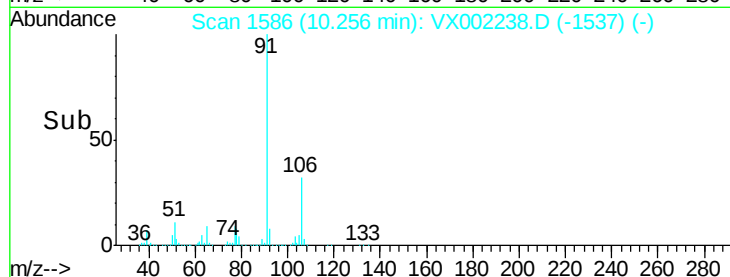
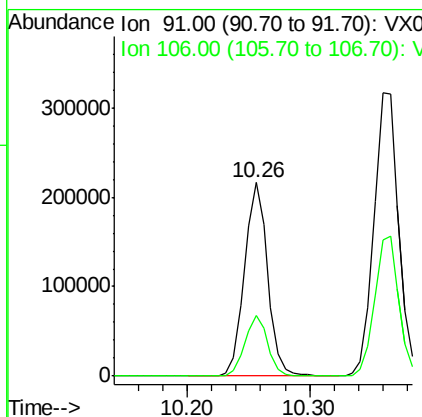
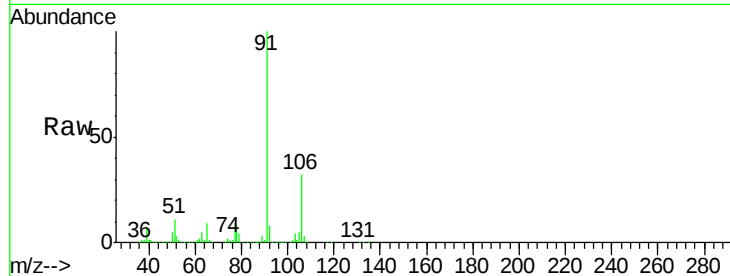
#67
Ethyl Benzene
Concen: 19.27 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002238.D
Acq: 02 Jun 2018 14:43

Instrument :
MSVOA_X
ClientSampled :
VX0602WBSD01

Tot Ion: 91 Resp: 284210
Ion Ratio Lower Upper
91 100
106 31.6 25.0 37.6

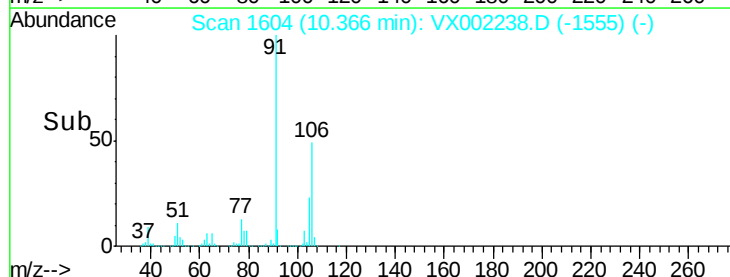
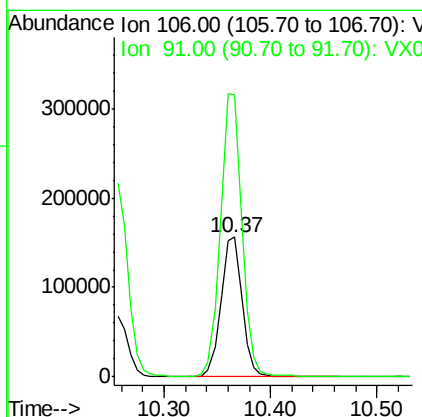
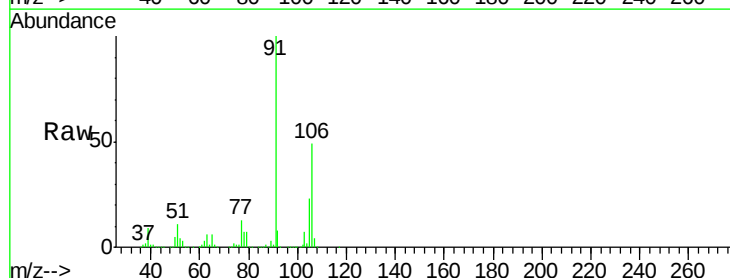
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#68
m/p-Xylenes
Concen: 38.63 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX002238.D
Acq: 02 Jun 2018 14:43

Tgt Ion: 106 Resp: 217751
Ion Ratio Lower Upper
106 100
91 206.7 165.0 247.6





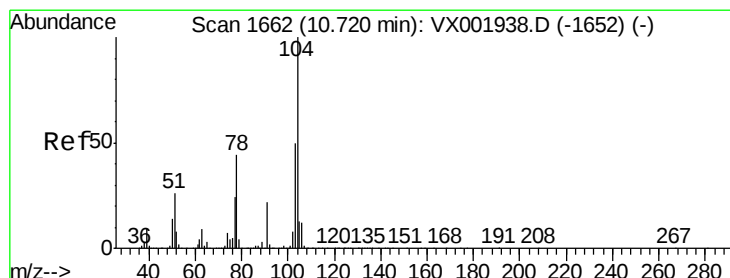
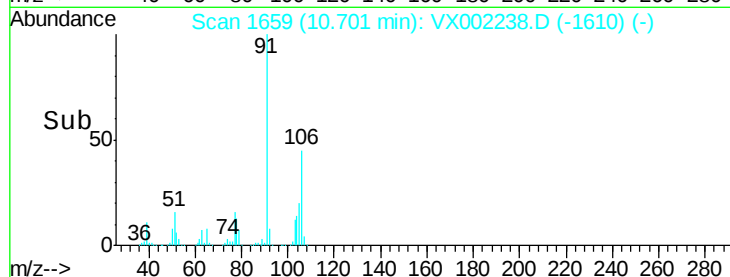
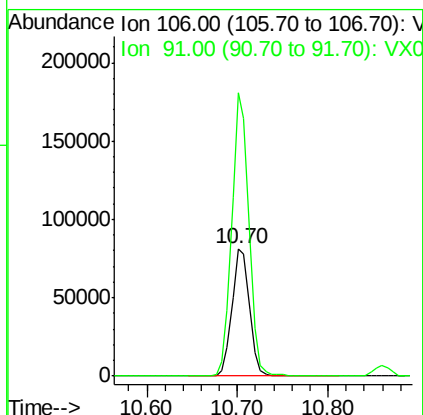
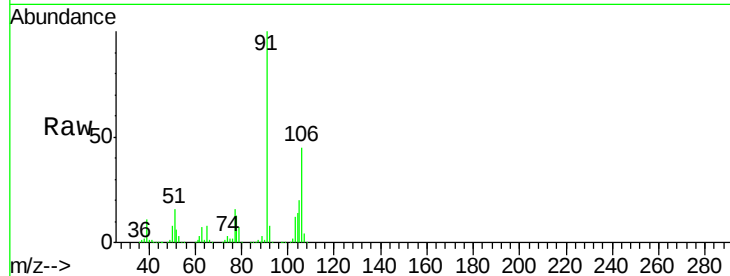
#69
o-Xylene
Concen: 19.29 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002238.D
Acq: 02 Jun 2018 14:43

Instrument :
MSVOA_X
ClientSampleId :
VX0602WBSD01

Tot Ion:106 Resp: 108574
Ion Ratio Lower Upper
106 100
91 217.3 108.7 325.9

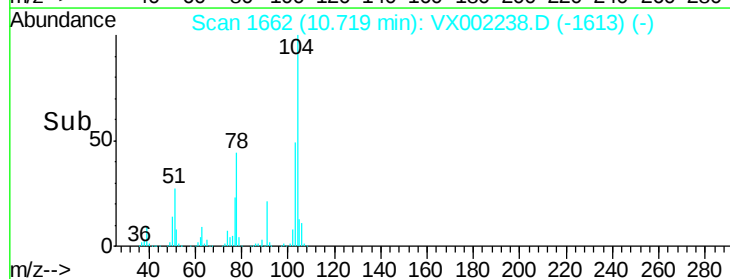
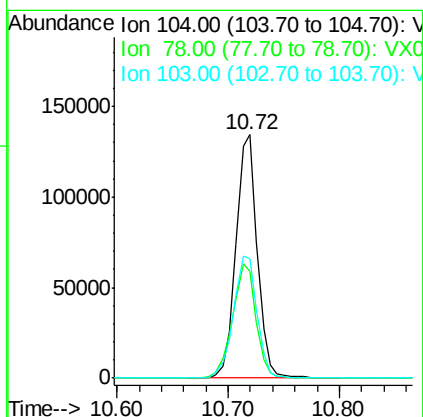
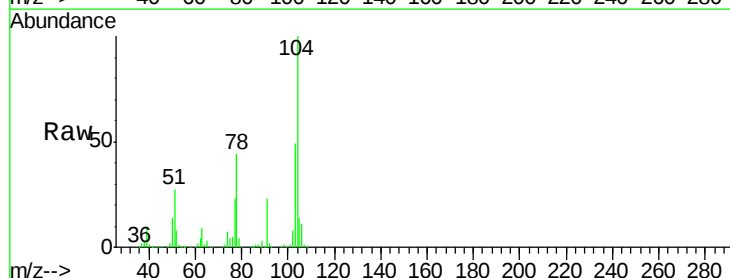
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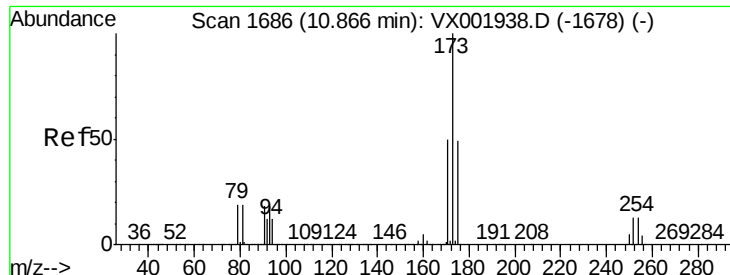
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#70
Styrene
Concen: 19.10 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX002238.D
Acq: 02 Jun 2018 14:43

Tgt Ion:104 Resp: 178331
Ion Ratio Lower Upper
104 100
78 51.7 41.8 62.6
103 55.5 44.6 67.0





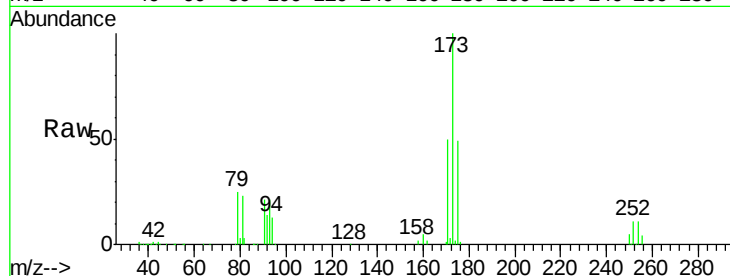
#71
Bromoform
Concen: 13.37 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VX002238.D
Acq: 02 Jun 2018 14:43

Instrument :
MSVOA_X
ClientSampleId :
VX0602WBSD01

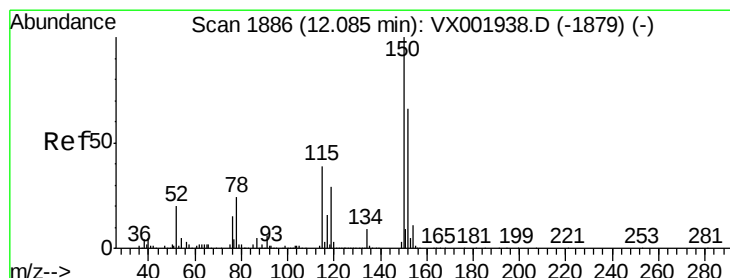
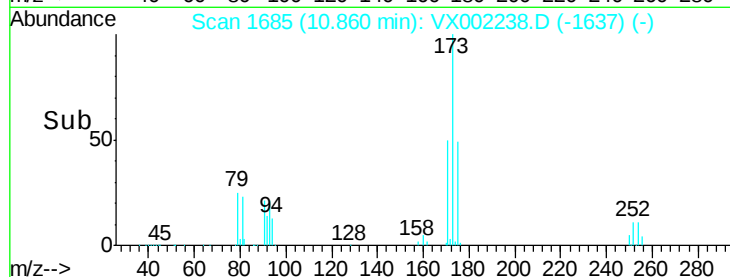
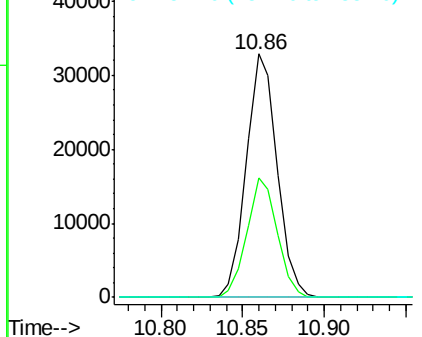
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.4	24.3	72.9
254	0.1	0.1	0.1#

Manual Integrations
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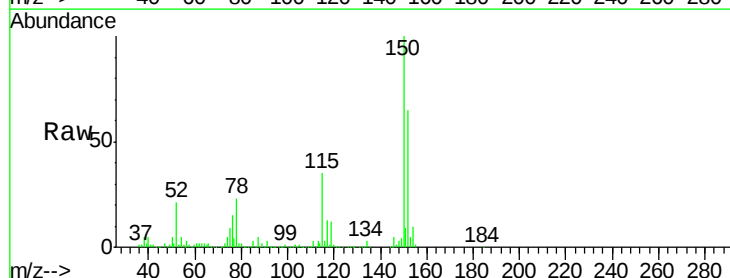


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

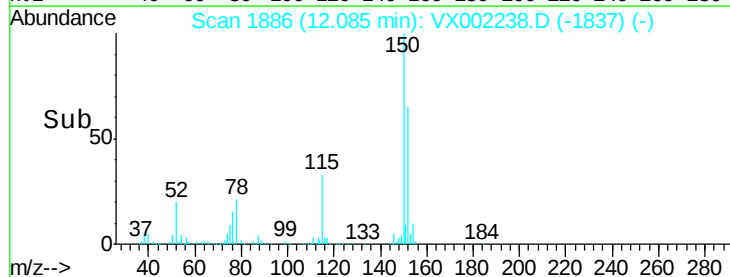
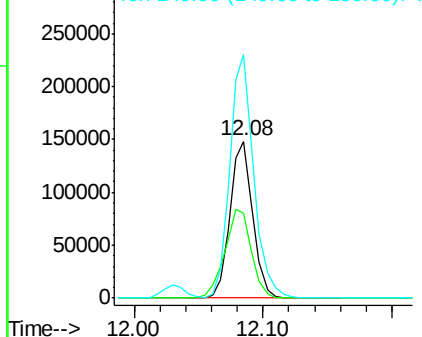


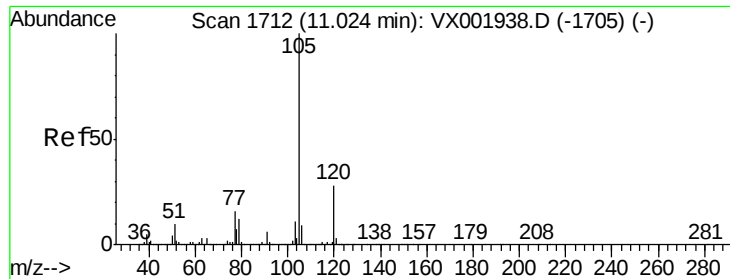
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002238.D
Acq: 02 Jun 2018 14:43

Tgt Ion	Ratio	Lower	Upper
152	100		
115	66.5	42.3	126.8
150	164.2	0.0	351.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.02 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002238.D

Acq: 02 Jun 2018 14:43

Instrument :

MSVOA_X

ClientSampleId :

VX0602WBSD01

Tot Ion:105 Resp: 293527

Ion Ratio Lower Upper

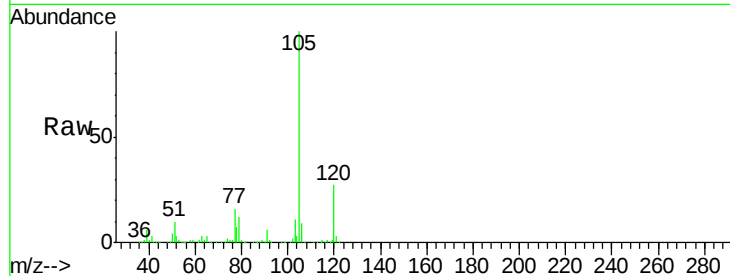
105 100

120 26.7 13.6 40.7

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

100000

50000

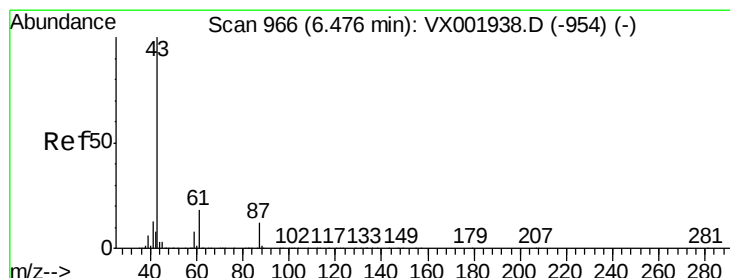
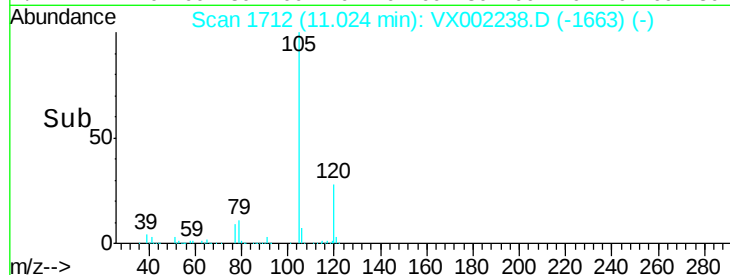
0

11.02

11.00

11.10

Time-->



#74

N-ethyl acetate

Concen: 17.68 ug/l

RT: 6.47 min Scan# 966

Delta R.T. -0.01 min

Lab File: VX002238.D

Acq: 02 Jun 2018 14:43

Tgt Ion: 43 Resp: 157892

Ion Ratio Lower Upper

43 100

70 0.0 0.1 0.1#

55 0.1 0.1 0.1

61 18.2 14.5 21.7

Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

100000

80000

60000

40000

20000

0

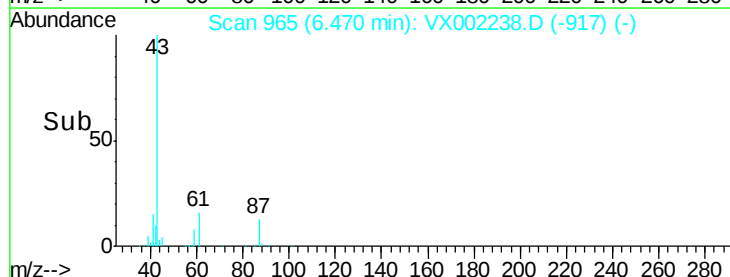
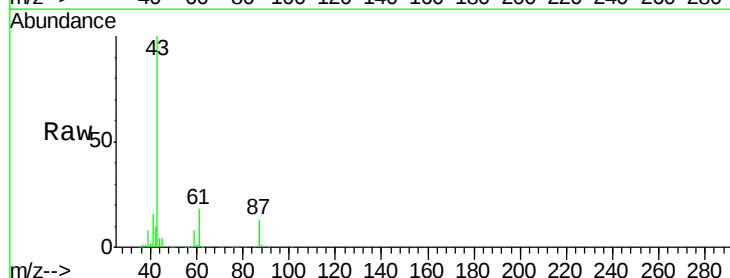
6.47

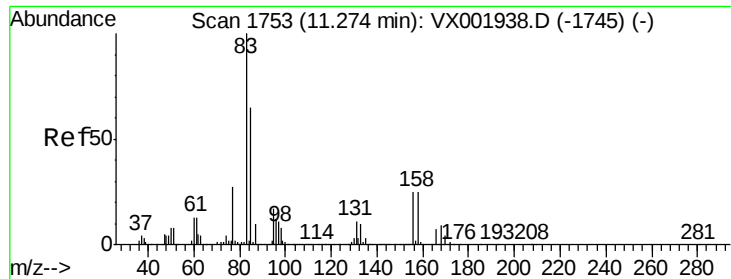
6.40

6.50

6.60

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.54 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX002238.D

Acq: 02 Jun 2018 14:43

Instrument :

MSVOA_X

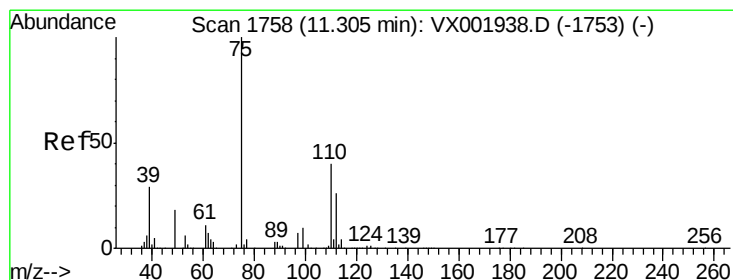
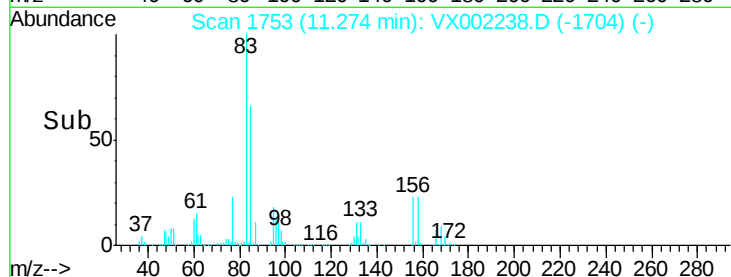
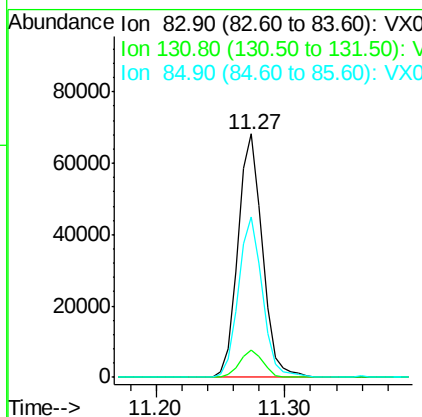
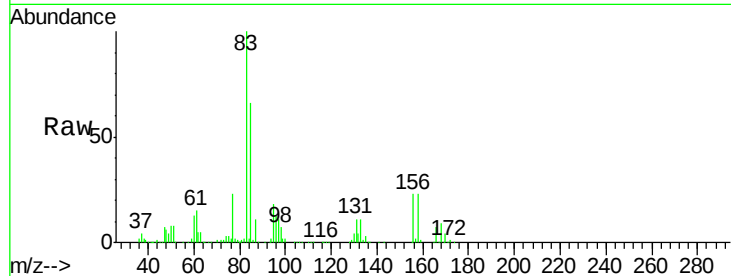
ClientSampleId :

VX0602WBSD01

Tot Ion:	83	Resp:	89851
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.7	17.0
85	64.7	32.6	97.7

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#76

1,2,3-Trichloropropane

Concen: 18.60 ug/l m

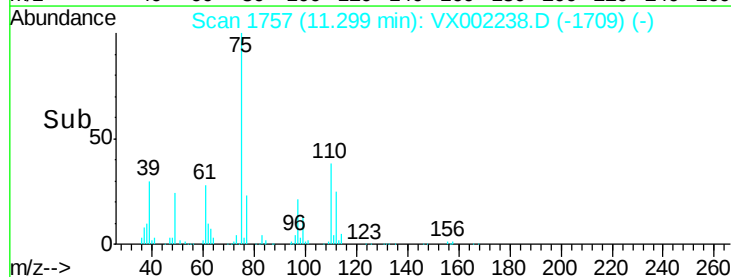
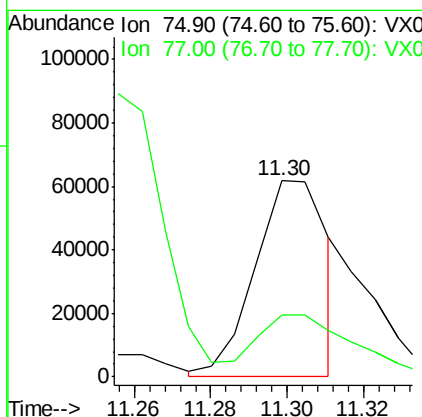
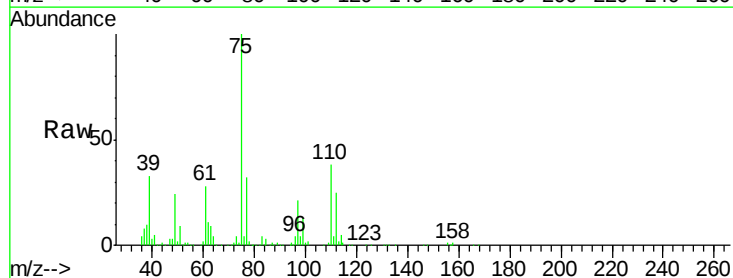
RT: 11.30 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VX002238.D

Acq: 02 Jun 2018 14:43

Tgt Ion:	75	Resp:	81422
Ion Ratio	Lower	Upper	
75	100		
77	43.4	22.8	68.3





#77

Bromobenzene

Concen: 19.70 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX002238.D

Acq: 02 Jun 2018 14:43

Instrument :

MSVOA_X

ClientSampleId :

VX0602WBSD01

Tot Ion:156 Resp: 80684

Ion Ratio Lower Upper

156 100

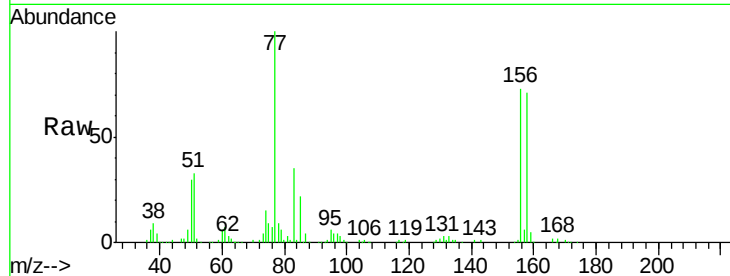
77 142.7 75.2 225.6

158 95.9 48.6 145.8

Manual Integrations
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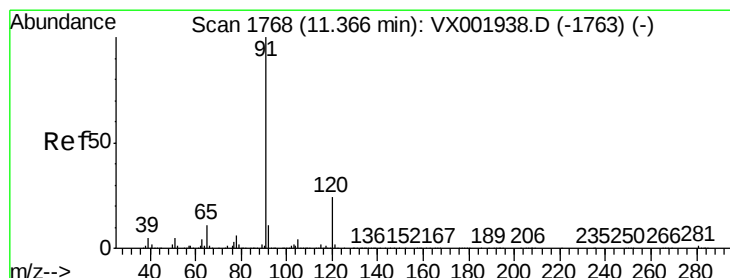
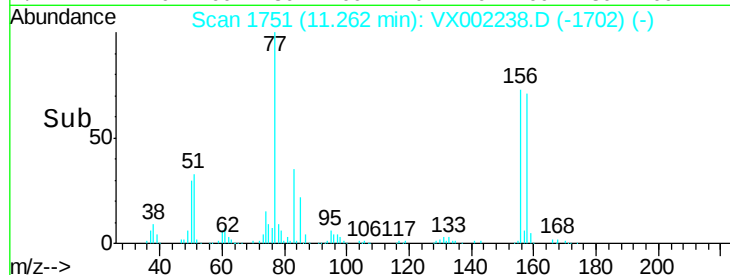
Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



Time-->



#78

n-propylbenzene

Concen: 19.13 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002238.D

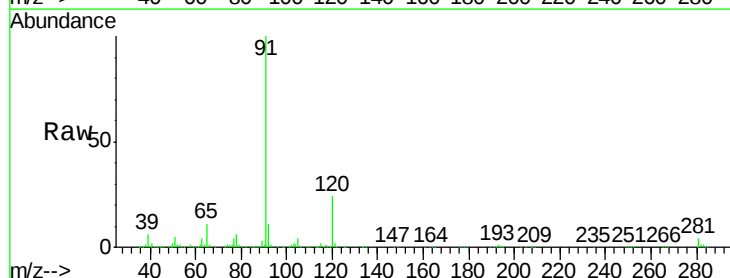
Acq: 02 Jun 2018 14:43

Tgt Ion: 91 Resp: 330654

Ion Ratio Lower Upper

91 100

120 23.8 11.9 35.7

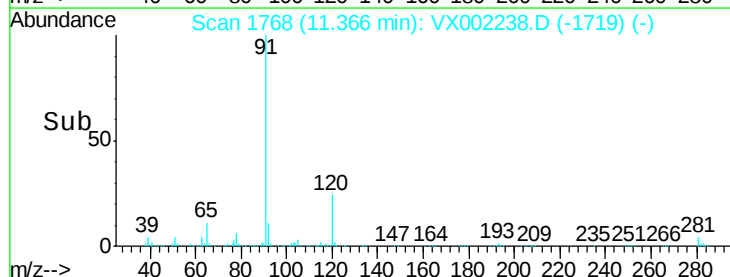


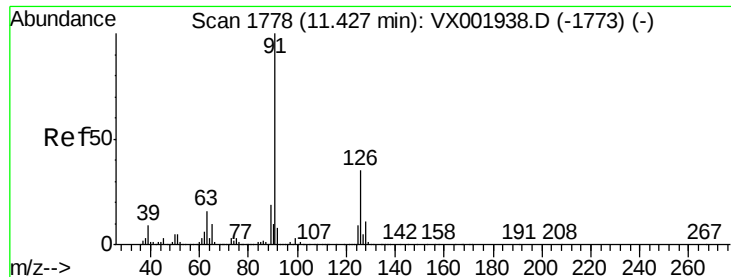
Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



Time-->





#79

2-Chlorotoluene

Concen: 19.89 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX002238.D

Acq: 02 Jun 2018 14:43

Instrument :

MSVOA_X

ClientSampleId :

VX0602WBSD01

Tot Ion: 91 Resp: 201747

Ion Ratio Lower Upper

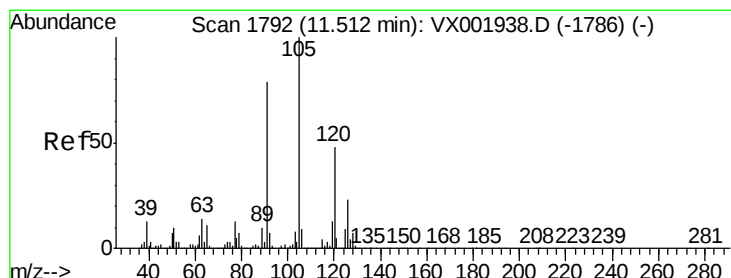
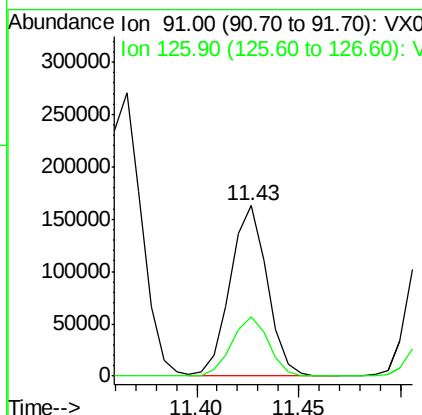
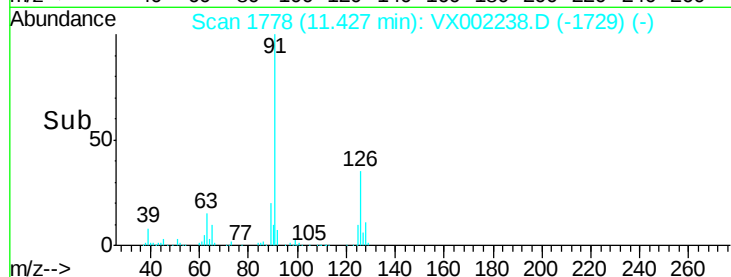
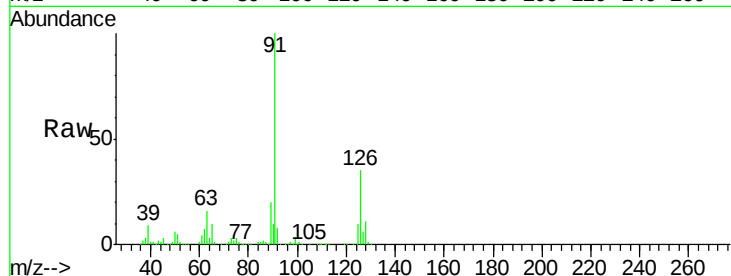
91 100

126 35.2 17.4 52.2

Manual Integrations
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#80

1,3,5-Trimethylbenzene

Concen: 18.94 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002238.D

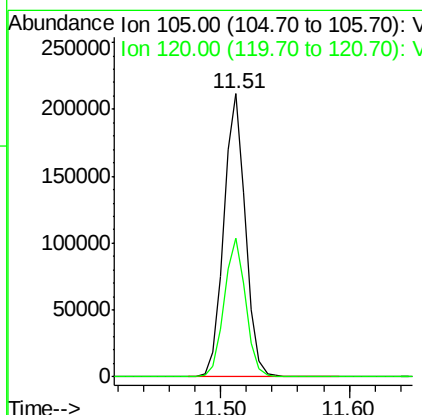
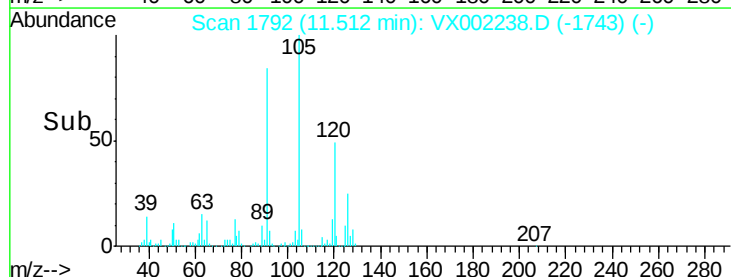
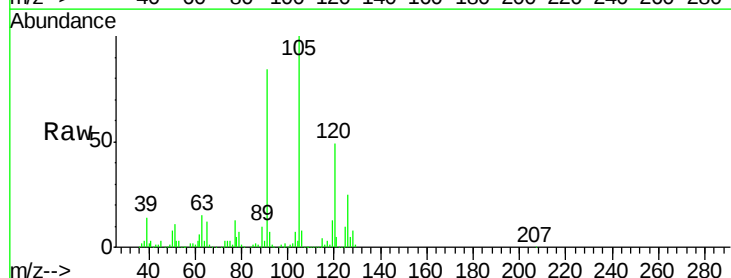
Acq: 02 Jun 2018 14:43

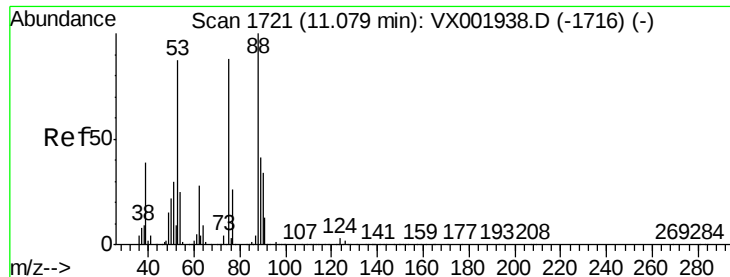
Tgt Ion: 105 Resp: 249877

Ion Ratio Lower Upper

105 100

120 48.5 24.1 72.4





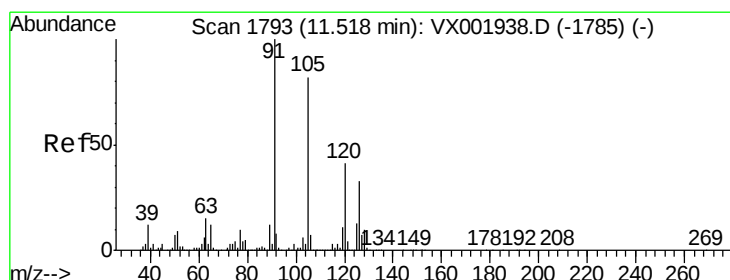
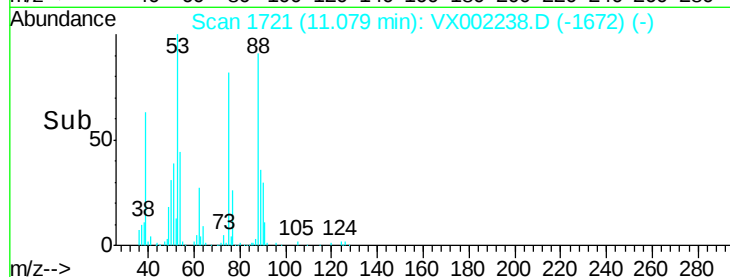
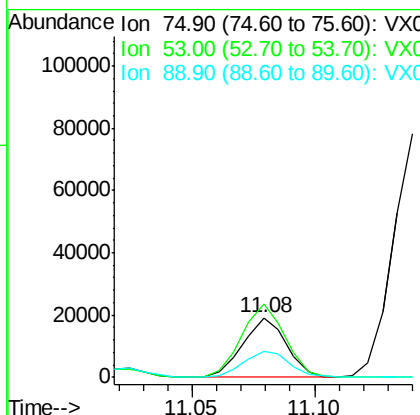
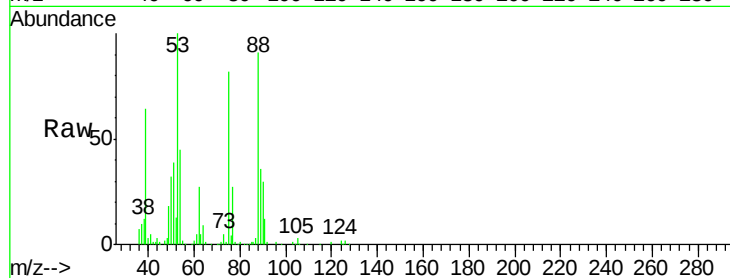
#81
trans-1,4-Dichloro-2-butene
Concen: 12.73 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. -0.00 min
Lab File: VX002238.D
Acq: 02 Jun 2018 14:43

Instrument :
MSVOA_X
ClientSampleId :
VX0602WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	123.9	78.0	117.0#
89	47.8	39.4	59.2

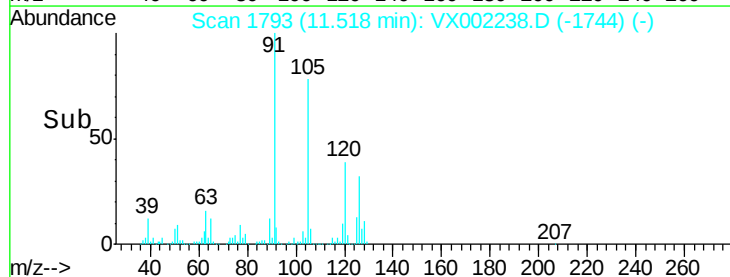
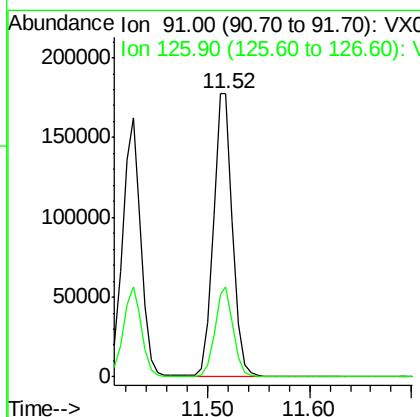
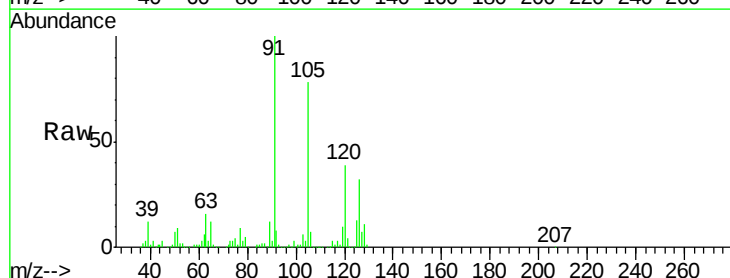
Manual Integrations
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#82
4-Chlorotoluene
Concen: 19.17 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX002238.D
Acq: 02 Jun 2018 14:43

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.7	15.3	45.8





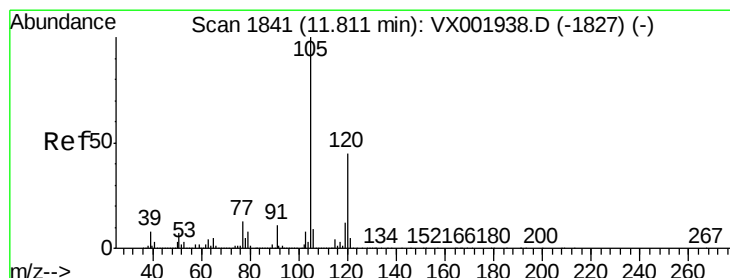
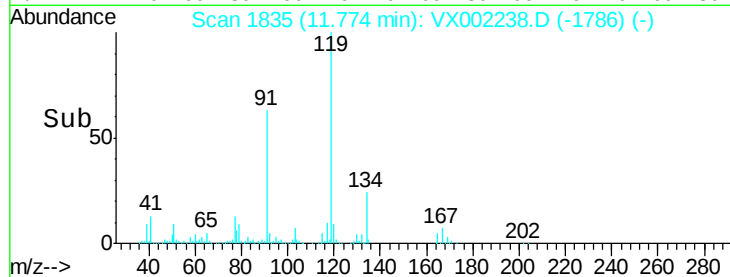
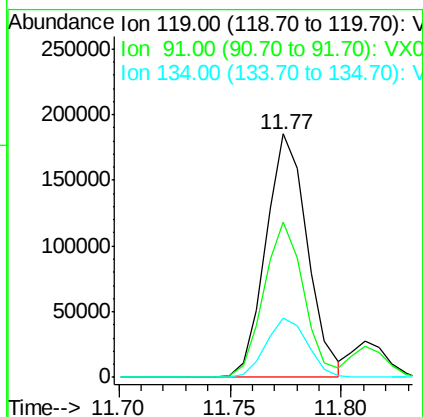
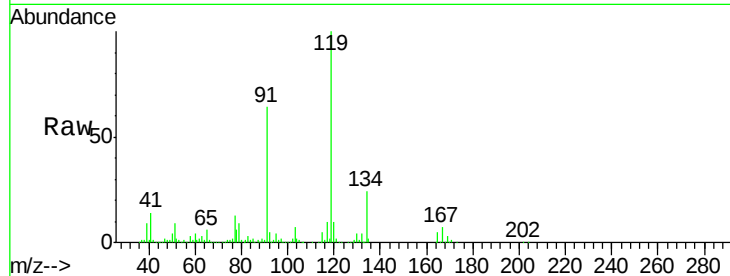
#83
 tert-Butylbenzene
 Concen: 18.52 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002238.D
 Acq: 02 Jun 2018 14:43

Instrument :
 MSVOA_X
 ClientSampled :
 VX0602WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	239757		
91	61.5	30.6	91.8	
134	24.4	11.7	35.0	

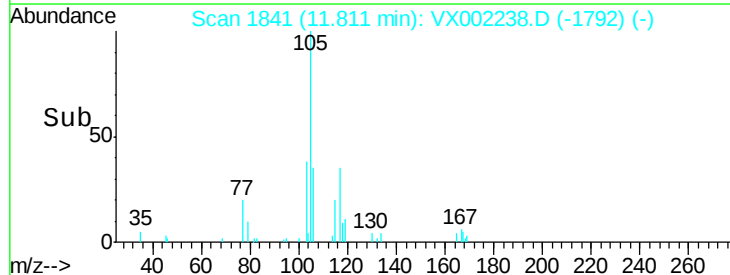
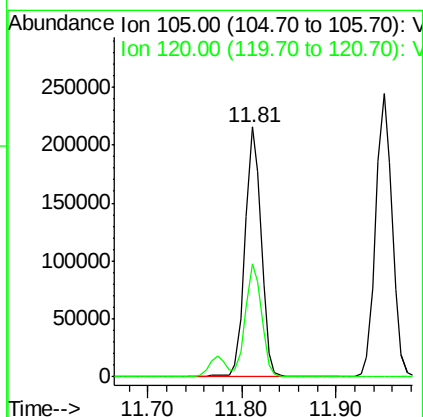
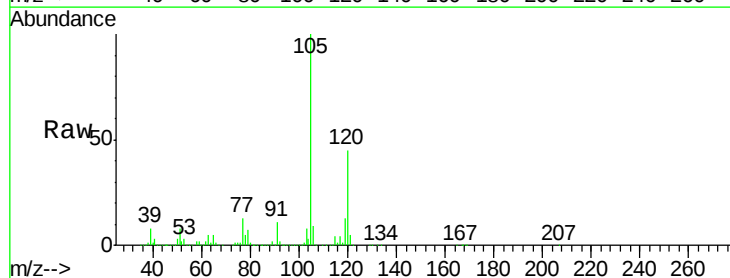
Manual Integrations
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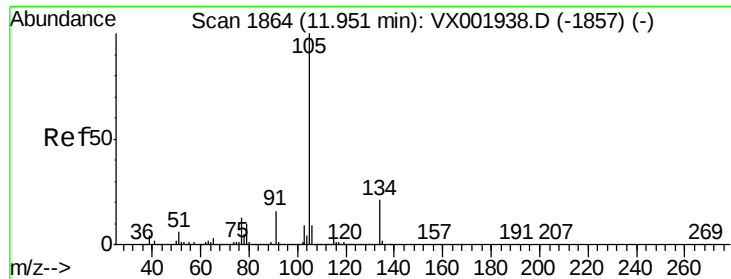
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#84
 1,2,4-Trimethylbenzene
 Concen: 18.92 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002238.D
 Acq: 02 Jun 2018 14:43

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	257843		
120	44.6	22.1	66.5	





#85

sec-Butylbenzene

Concen: 19.13 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002238.D

Acq: 02 Jun 2018 14:43

Instrument :

MSVOA_X

ClientSampleId :

VX0602WBSD01

Tot Ion:105 Resp: 297689

Ion Ratio Lower Upper

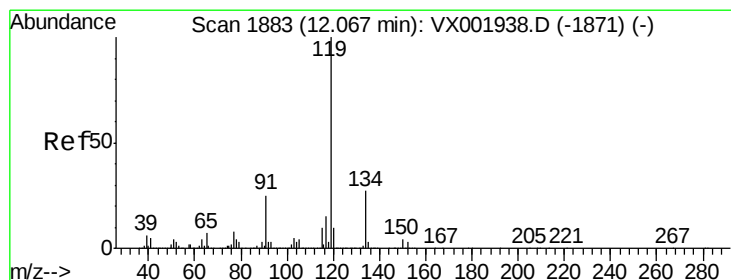
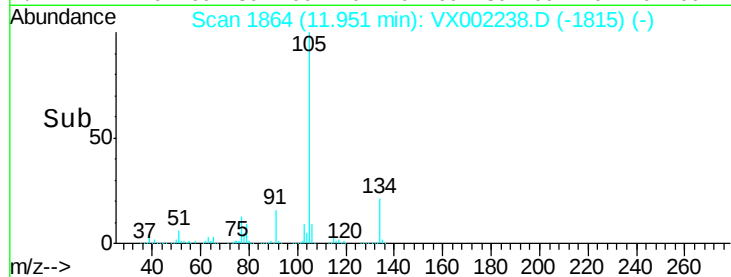
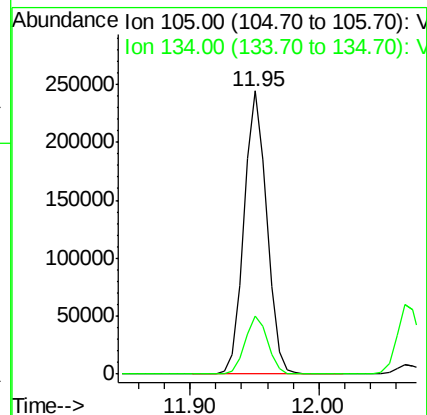
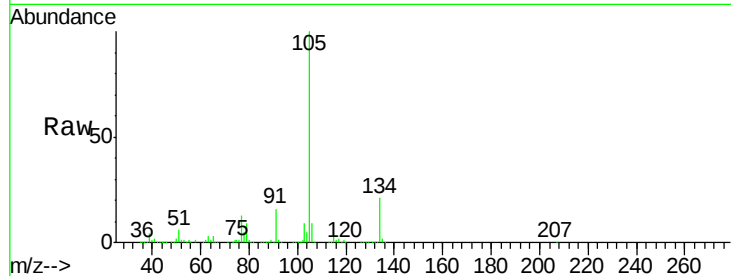
105 100

134 20.6 10.4 31.4

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 19.48 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002238.D

Acq: 02 Jun 2018 14:43

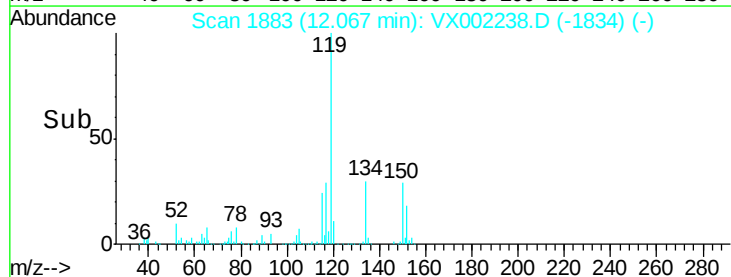
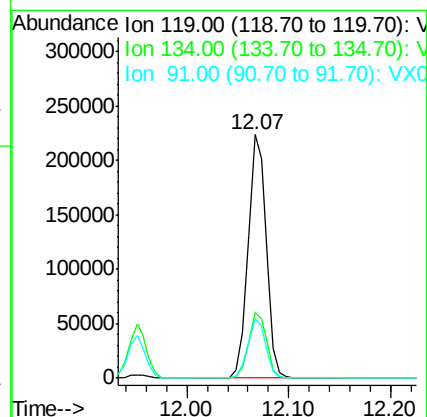
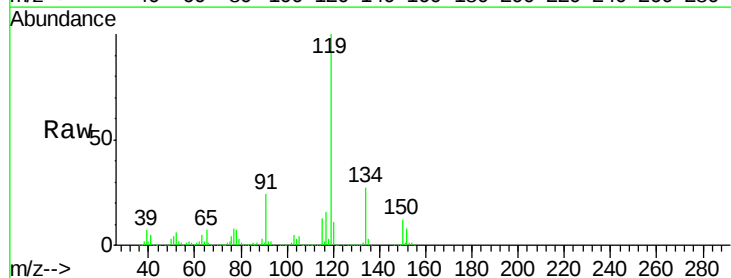
Tgt Ion:119 Resp: 271255

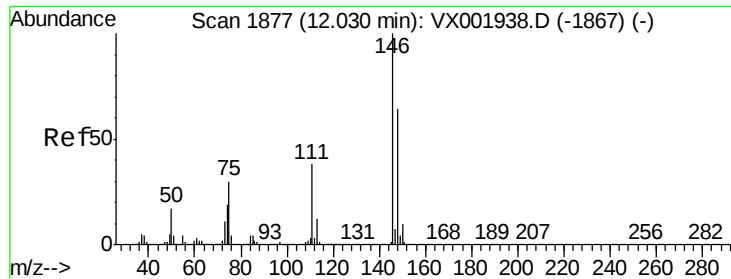
Ion Ratio Lower Upper

119 100

134 26.9 13.6 40.8

91 24.3 12.2 36.4





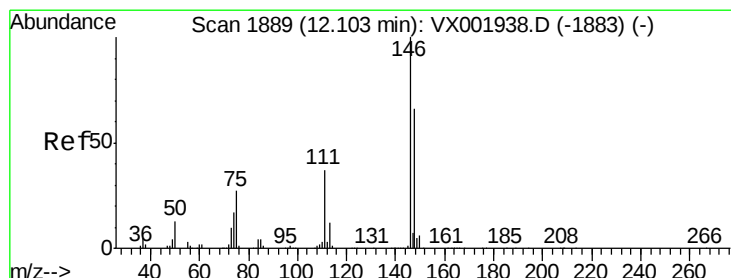
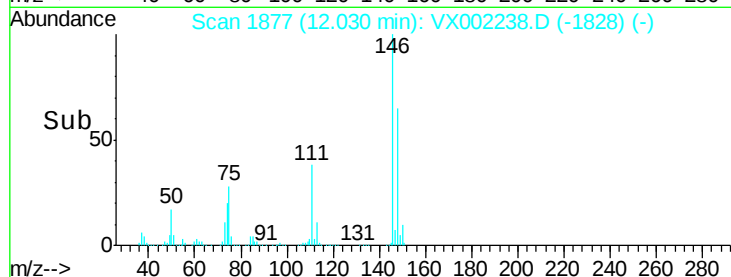
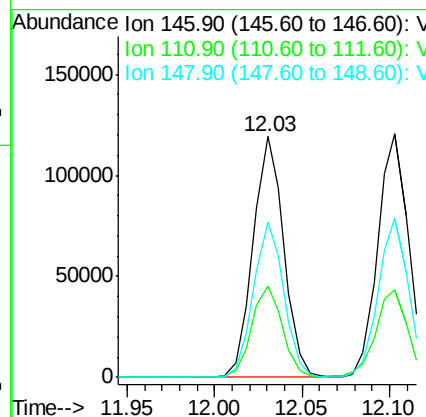
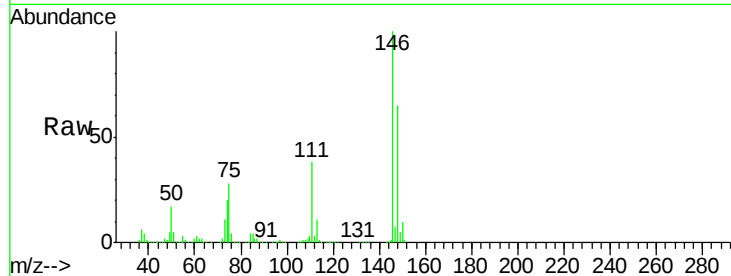
#87
 1,3-Dichlorobenzene
 Concen: 19.76 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002238.D
 Acq: 02 Jun 2018 14:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0602WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	19.3	57.8
148	64.4	32.1	96.3

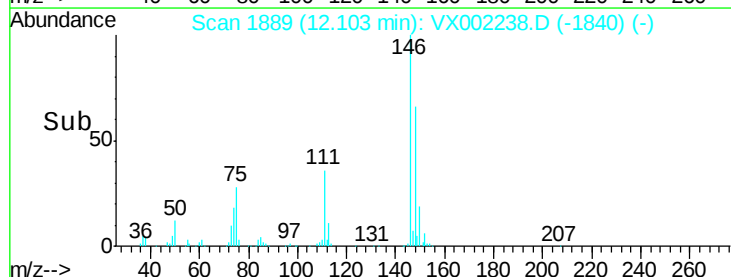
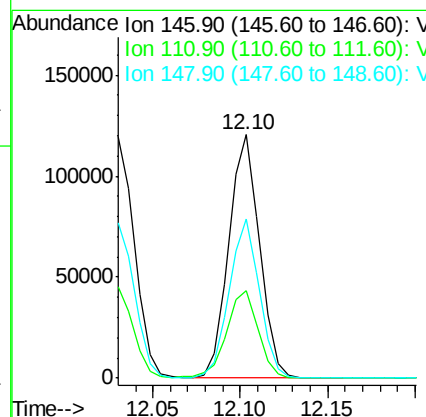
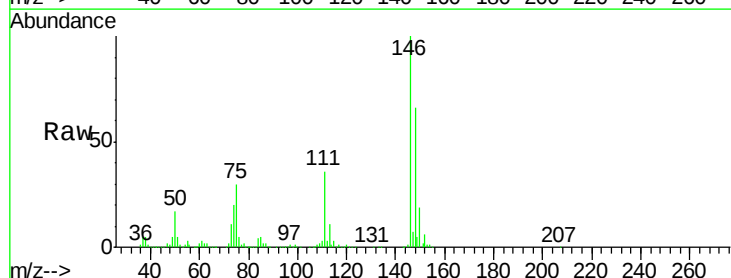
Manual Integrations
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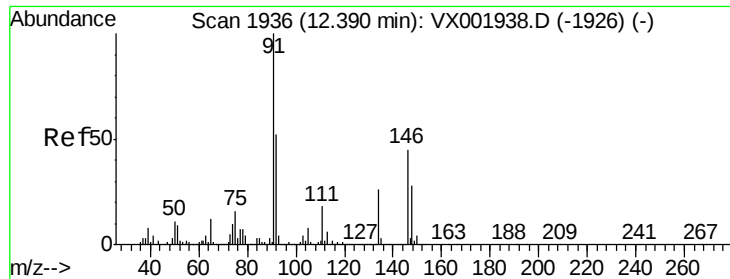
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 6/4/2018 2:31:51 PM



#88
 1,4-Dichlorobenzene
 Concen: 20.05 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002238.D
 Acq: 02 Jun 2018 14:43

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.9	56.5
148	64.7	32.3	96.8





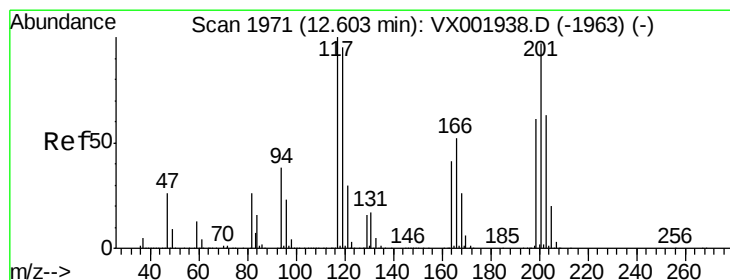
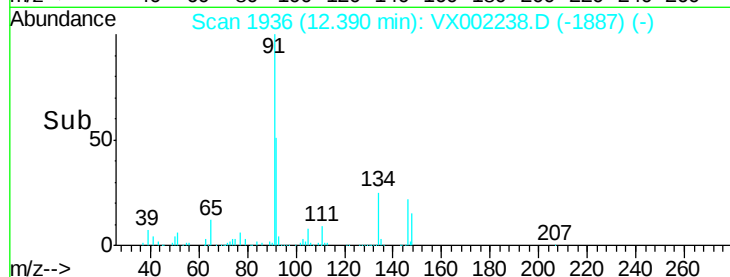
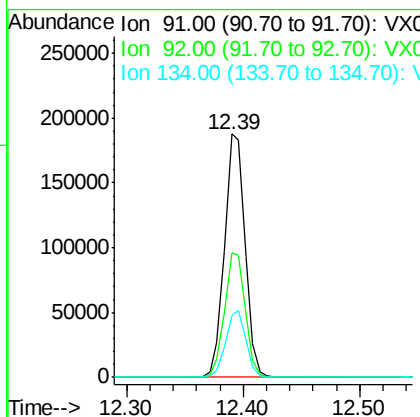
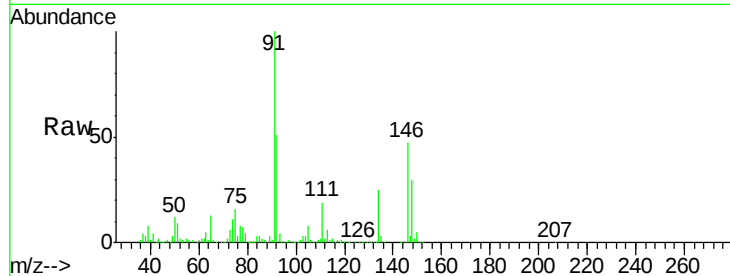
#89
n-Butylbenzene
Concen: 19.43 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX002238.D
Acq: 02 Jun 2018 14:43

Instrument :
MSVOA_X
ClientSampleId :
VX0602WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.2	26.3	78.9
134	26.7	13.6	40.7

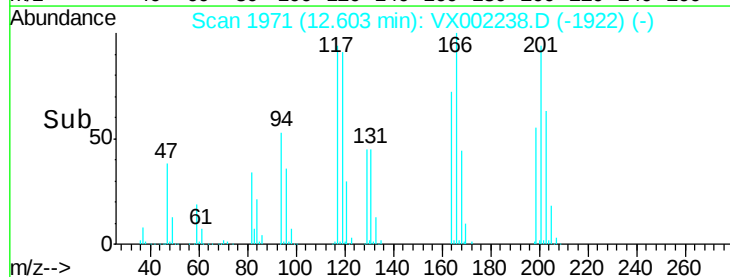
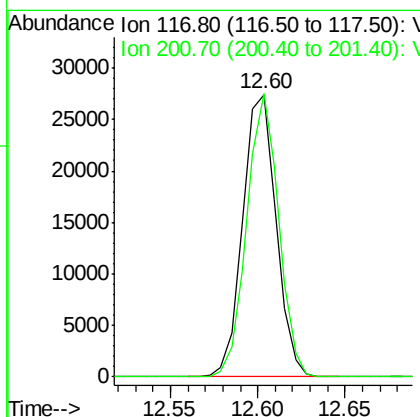
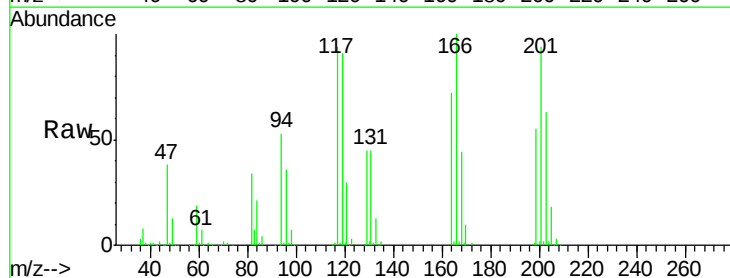
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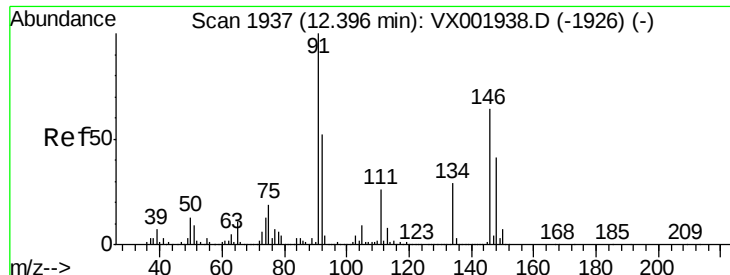
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#90
Hexachloroethane
Concen: 13.24 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX002238.D
Acq: 02 Jun 2018 14:43

Tgt Ion	Ratio	Lower	Upper
117	100		
201	95.8	48.0	144.0





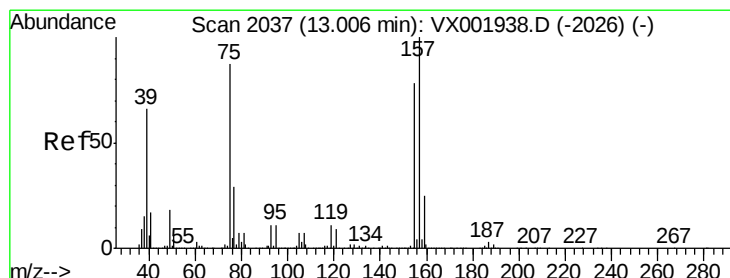
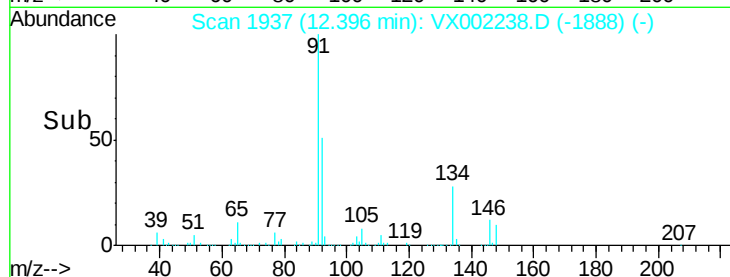
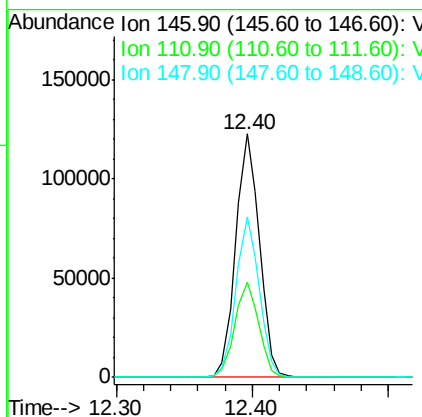
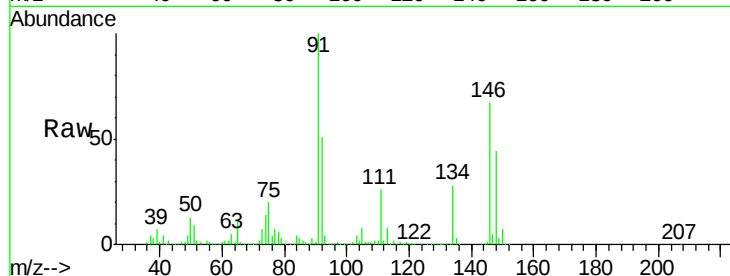
#91
 1,2-Dichlorobenzene
 Concen: 19.93 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX002238.D
 Acq: 02 Jun 2018 14:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0602WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.8	59.3
148	64.8	32.1	96.5

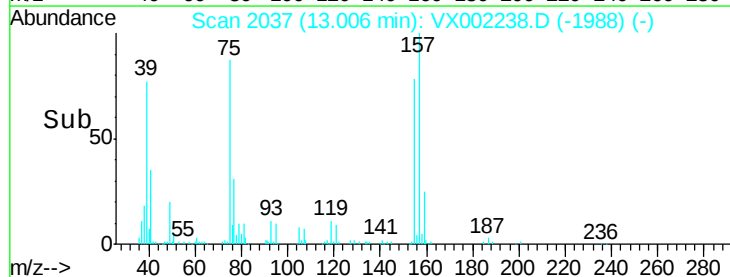
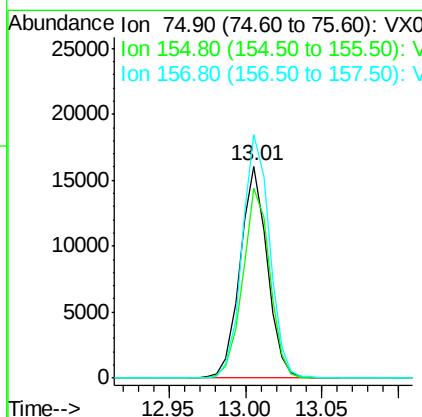
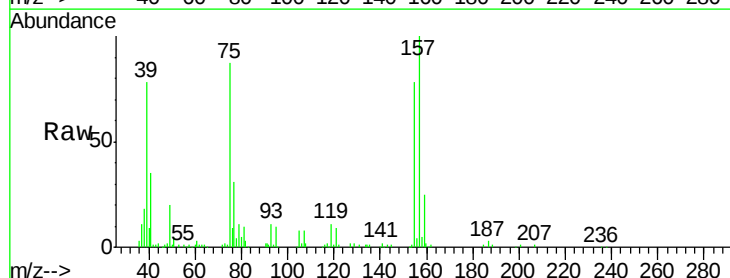
Manual Integrations
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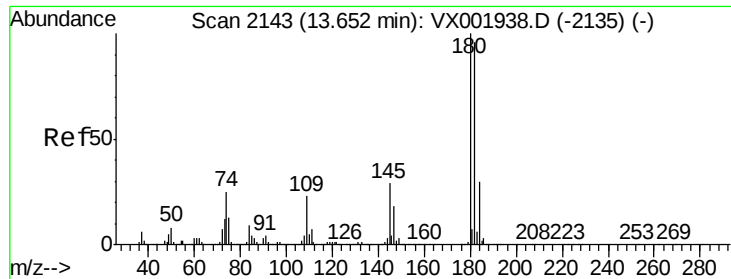
MMDadoda
 6/4/2018 2:31:51 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 14.38 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002238.D
 Acq: 02 Jun 2018 14:43

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.2	45.1	135.2
157	115.9	58.1	174.2





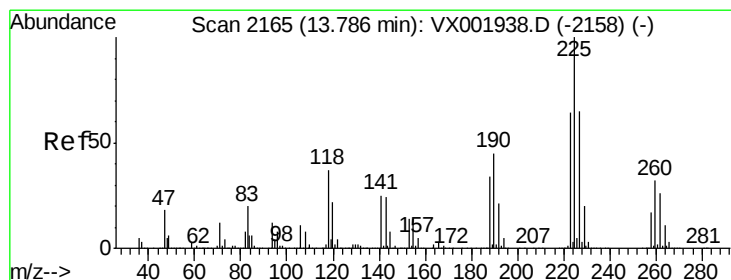
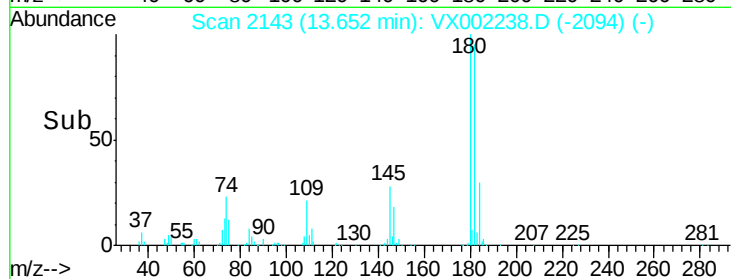
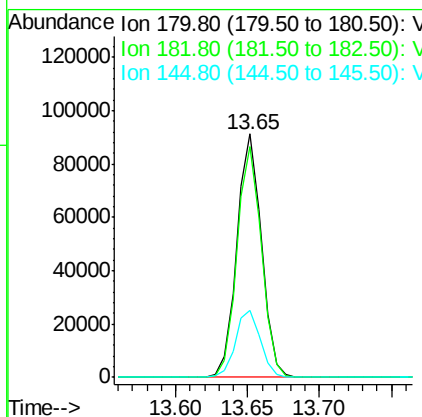
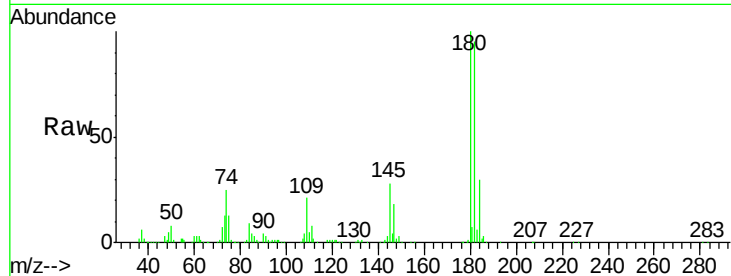
#93
 1,2,4-Trichlorobenzene
 Concen: 20.30 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002238.D
 Acq: 02 Jun 2018 14:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0602WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	108482		
182	94.4	47.7	143.1	
145	28.2	14.4	43.0	

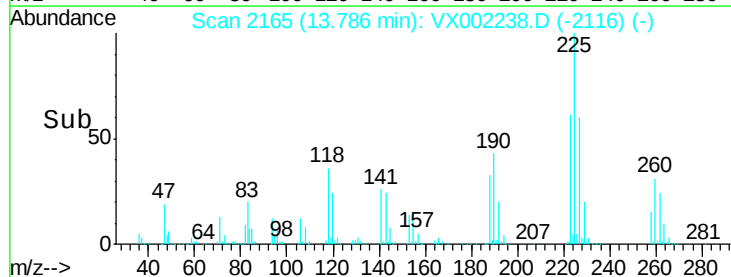
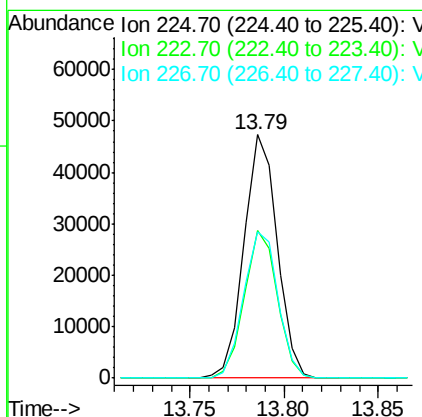
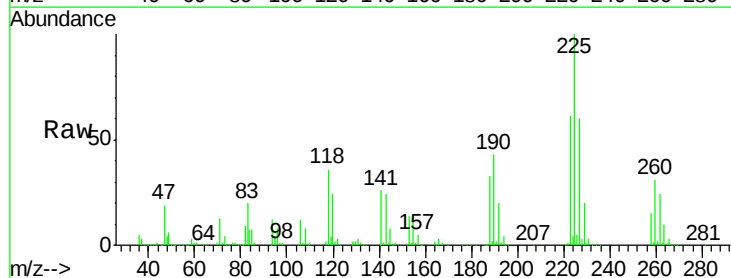
Manual Integrations
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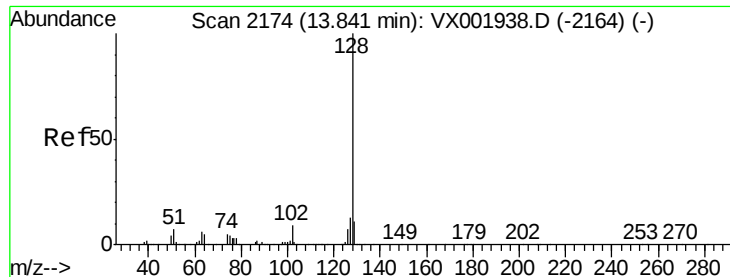
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#94
 Hexachlorobutadiene
 Concen: 20.17 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002238.D
 Acq: 02 Jun 2018 14:43

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	57962		
223	60.1	31.1	93.5	
227	62.3	32.1	96.5	





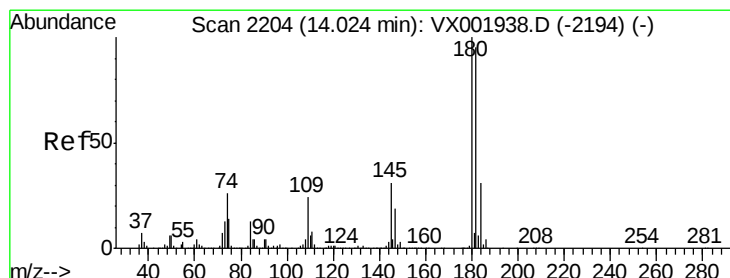
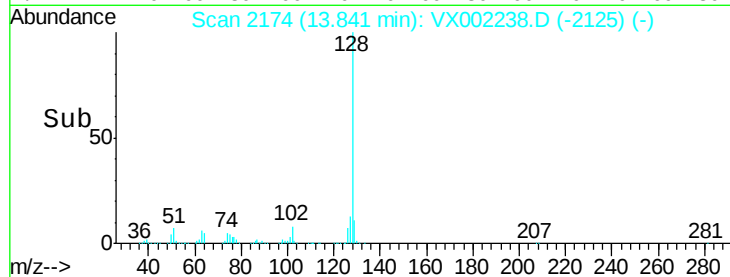
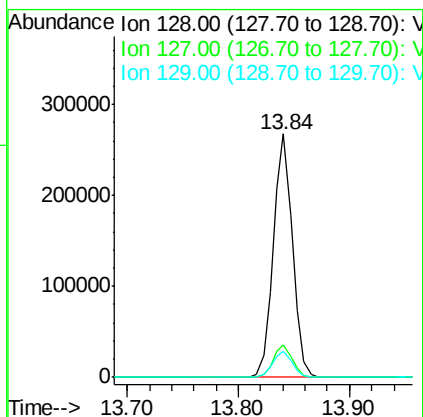
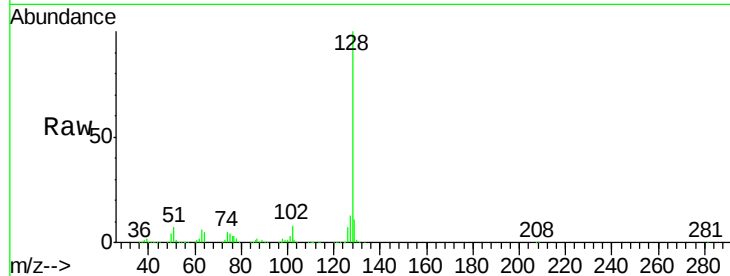
#95
Naphthalene
Concen: 19.39 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX002238.D
Acq: 02 Jun 2018 14:43

Instrument :
MSVOA_X
ClientSampleId :
VX0602WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	319217		
127	13.2		10.4	15.6
129	10.9		8.8	13.2

Manual Integrations
APPROVED

MMDadoda
6/4/2018 2:31:51 PM



#96
1,2,3-Trichlorobenzene
Concen: 20.36 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX002238.D
Acq: 02 Jun 2018 14:43

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	112541		
182	95.5		47.9	143.6
145	29.8		15.1	45.3

