

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061518\
 Data File : VX002639.D
 Acq On : 16 Jun 2018 11:10
 Operator : JC/MD
 Sample : VX0615WBS03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0615WBS03

Manual Integrations
 APPROVED

MMDadoda
 6/18/2018 5:12:07 PM

Quant Time: Jun 18 07:37:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	223173	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	315513	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	299526	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	186936	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	156424	46.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.24%	
35) Dibromofluoromethane	5.51	113	121320	48.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.36%	
50) Toluene-d8	8.72	98	465324	48.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.34%	
62) 4-Bromofluorobenzene	11.14	95	170085	46.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	44185	18.65	ug/l	100
3) Chloromethane	1.32	50	47401	16.82	ug/l	99
4) Vinyl Chloride	1.40	62	54798	18.74	ug/l	94
5) Bromomethane	1.64	94	29294	16.60	ug/l	97
6) Chloroethane	1.73	64	36547	18.96	ug/l	99
7) Trichlorofluoromethane	1.93	101	93338	19.64	ug/l	98
8) Diethyl Ether	2.19	74	33945	18.78	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	51906	19.54	ug/l	98
10) Methyl Iodide	2.51	142	45328	16.52	ug/l	98
11) Tert butyl alcohol	3.07	59	66482	94.83	ug/l	100
12) 1,1-Dichloroethene	2.38	96	46949	18.83	ug/l	93
13) Acrolein	2.30	56	25270	81.64	ug/l	96
14) Allyl chloride	2.73	41	91447	18.47	ug/l	97
15) Acrylonitrile	3.15	53	139627	91.27	ug/l	99
16) Acetone	2.45	43	163993	109.60	ug/l	99
17) Carbon Disulfide	2.57	76	110556	18.69	ug/l	97
18) Methyl Acetate	2.78	43	74643	18.73	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	174008	18.60	ug/l	98
20) Methylene Chloride	2.86	84	52396	17.08	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	50503	18.67	ug/l	99
22) Diisopropyl ether	3.87	45	166682	18.61	ug/l	93
23) Vinyl Acetate	3.83	43	691452	92.22	ug/l	99
24) 1,1-Dichloroethane	3.70	63	96466	19.84	ug/l	99
25) 2-Butanone	4.71	43	197395	100.46	ug/l	100
26) 1,2-Dichloropropane	4.59	77	67361	19.28	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	52376	19.03	ug/l	99
28) Bromochloromethane	5.03	49	42163	18.52	ug/l	96
29) Tetrahydrofuran	5.17	42	118747	92.21	ug/l	97
30) Chloroform	5.22	83	91096	19.43	ug/l	100
31) Cyclohexane	5.58	56	78301	19.56	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	78169	19.93	ug/l	99
36) 1,1-Dichloropropene	5.81	75	65897	19.67	ug/l	98
37) Ethyl Acetate	4.87	43	73395	19.35	ug/l	100
38) Carbon Tetrachloride	5.79	117	66890	20.05	ug/l	99

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MMDadoda
 6/18/2018 5:12:07 PM

Quant Time: Jun 18 07:37:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	80011	20.42	ug/l	100
40) Benzene	6.15	78	195758	19.48	ug/l	98
41) Methacrylonitrile	5.07	41	41104	19.19	ug/l	98
42) 1,2-Dichloroethane	6.20	62	77212	19.85	ug/l	100
43) Isopropyl Acetate	6.47	43	118271	18.82	ug/l	100
44) Trichloroethene	7.22	130	57510	19.83	ug/l	95
45) 1,2-Dichloropropane	7.52	63	50392	19.06	ug/l	99
46) Dibromomethane	7.67	93	35811	20.24	ug/l	98
47) Bromodichloromethane	7.90	83	60985	19.55	ug/l	97
48) Methyl methacrylate	7.78	41	61856	19.26	ug/l	99
49) 1,4-Dioxane	7.76	88	24515	403.13	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	390870	96.88	ug/l	99
52) Toluene	8.79	92	128288	20.02	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	72547	19.12	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	64253	18.47	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	52771	20.38	ug/l	98
56) Ethyl methacrylate	9.18	69	76284	19.14	ug/l	98
57) 1,3-Dichloropropane	9.38	76	85968	19.63	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	183969	95.43	ug/l	100
59) 2-Hexanone	9.50	43	307282	101.07	ug/l	99
60) Dibromochloromethane	9.59	129	47906	18.97	ug/l	100
61) 1,2-Dibromoethane	9.68	107	53447	19.93	ug/l	99
64) Tetrachloroethene	9.34	164	63774	19.18	ug/l	98
65) Chlorobenzene	10.14	112	158654	21.57	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	50475	20.13	ug/l	99
67) Ethyl Benzene	10.26	91	249475	20.11	ug/l	100
68) m/p-Xylenes	10.37	106	193073	40.34	ug/l	100
69) o-Xylene	10.70	106	93148	19.81	ug/l	98
70) Styrene	10.71	104	152889	19.77	ug/l	99
71) Bromoform	10.86	173	34951	18.67	ug/l #	99
73) Isopropylbenzene	11.02	105	258416	20.67	ug/l	100
74) N-amyl acetate	6.47	43	118271	19.04	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	76361	20.68	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	73651m	20.88	ug/l	
77) Bromobenzene	11.26	156	68666	19.71	ug/l	97
78) n-propylbenzene	11.37	91	290380	20.25	ug/l	100
79) 2-Chlorotoluene	11.43	91	169458	19.79	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	213875	20.24	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	15437	17.02	ug/l	88
82) 4-Chlorotoluene	11.51	91	201080	19.91	ug/l	99
83) tert-Butylbenzene	11.77	119	212765	20.90	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	222027	20.59	ug/l	99
85) sec-Butylbenzene	11.95	105	262322	20.73	ug/l	99
86) p-Isopropyltoluene	12.07	119	234858	20.51	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	128922	20.18	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	136791	21.05	ug/l	100
89) n-Butylbenzene	12.39	91	204056	20.20	ug/l	99
90) Hexachloroethane	12.60	117	29114	18.08	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	165580	25.76	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	15420	19.94	ug/l	97

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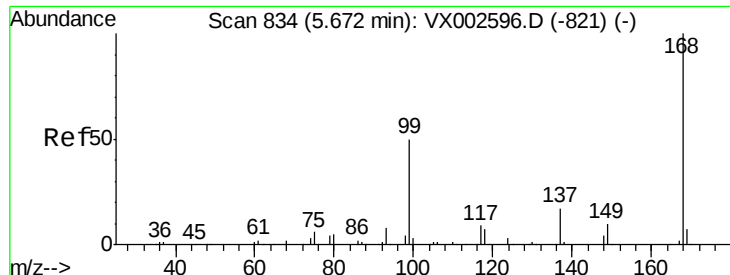
Manual Integrations
APPROVED

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6/18/2018 5:12:07 PM

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:37:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	93777	20.10	ug/l	99
94) Hexachlorobutadiene	13.79	225	50401	20.51	ug/l	99
95) Naphthalene	13.84	128	254735	20.29	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	94613	20.19	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX002639.D

Acq: 16 Jun 2018 11:10

Instrument :

MSVOA_X

ClientSampleId :

VX0615WBS03

Tot Ion:168 Resp: 223173

Ion Ratio Lower Upper

168 100

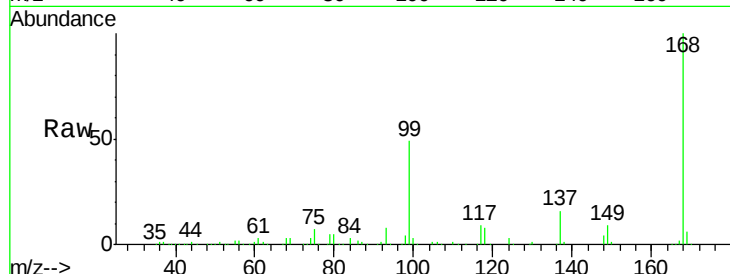
99 49.0 39.3 58.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

80000

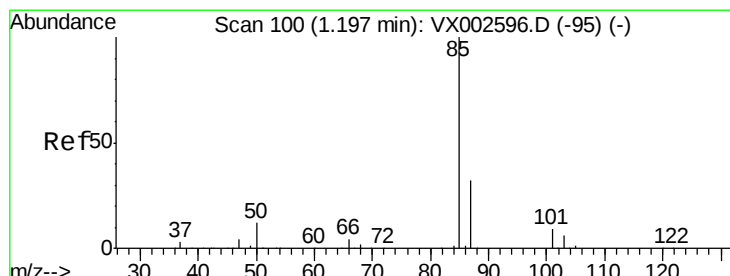
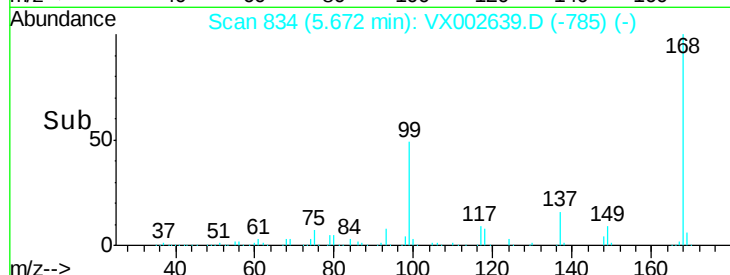
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.65 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002639.D

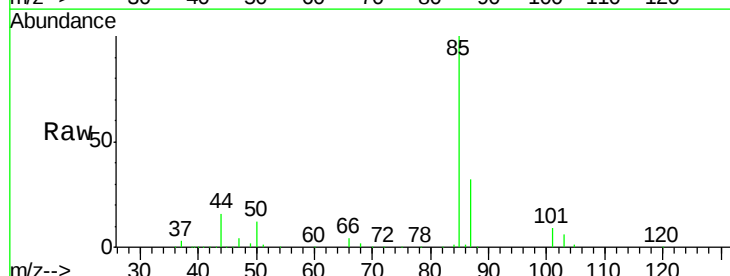
Acq: 16 Jun 2018 11:10

Tgt Ion: 85 Resp: 44185

Ion Ratio Lower Upper

85 100

87 31.8 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

50000

40000

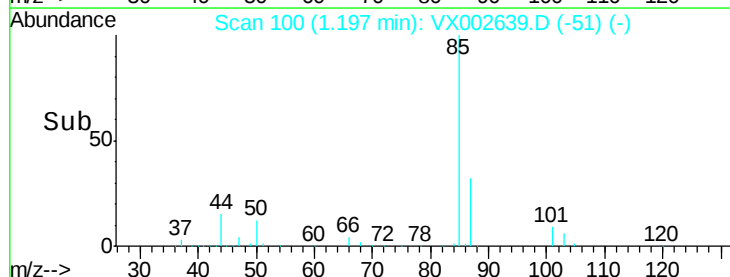
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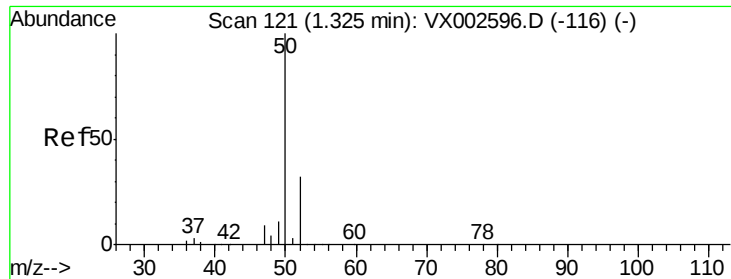
20000

10000

0

Time-->





#3

Chloromethane

Concen: 16.82 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002639.D

Acq: 16 Jun 2018 11:10

Instrument :

MSVOA_X

ClientSampleId :

VX0615WBS03

Tot Ion: 50 Resp: 47401

Ion Ratio Lower Upper

50 100

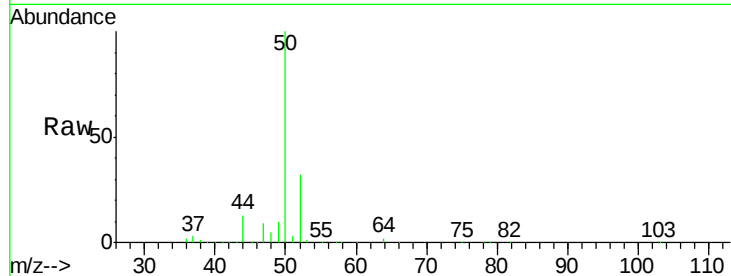
52 31.7 25.7 38.5

Manual Integrations

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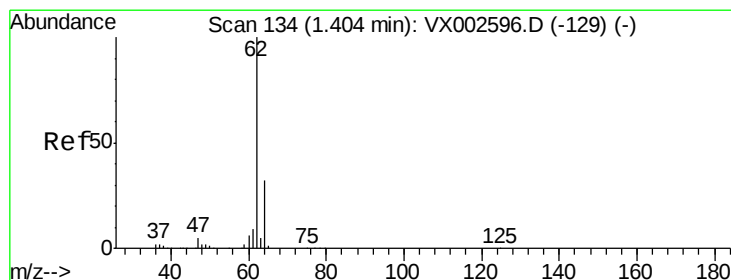
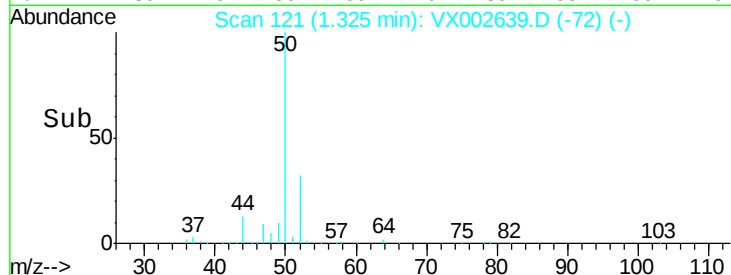
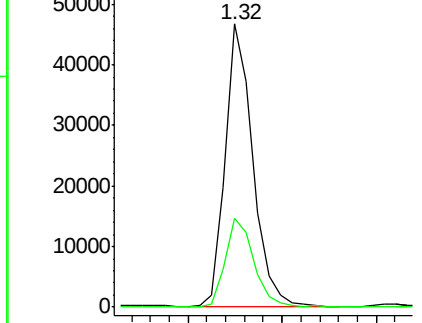
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 18.74 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX002639.D

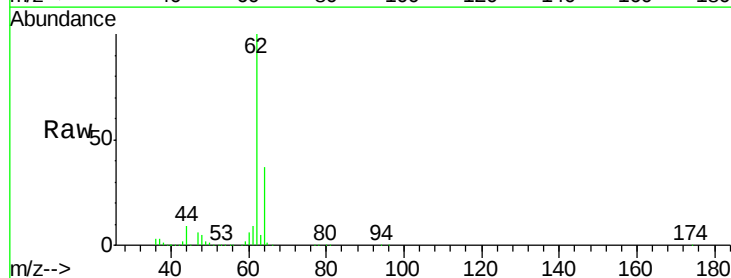
Acq: 16 Jun 2018 11:10

Tgt Ion: 62 Resp: 54798

Ion Ratio Lower Upper

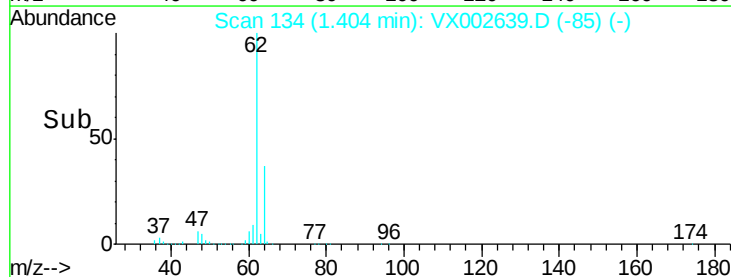
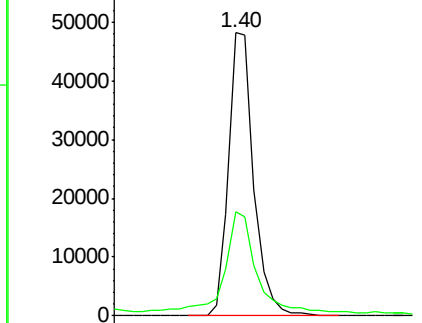
62 100

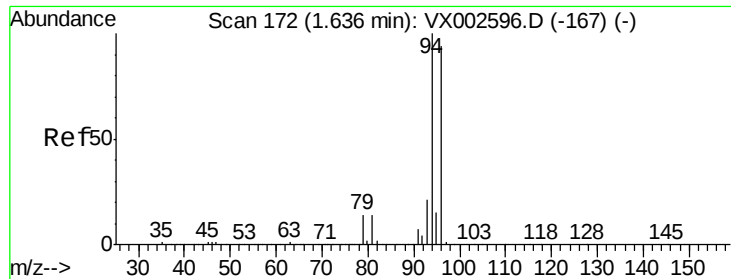
64 35.2 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 16.60 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX002639.D

Acq: 16 Jun 2018 11:10

Instrument :

MSVOA_X

ClientSampleId :

VX0615WBS03

Tot Ion: 94 Resp: 29294

Ion Ratio Lower Upper

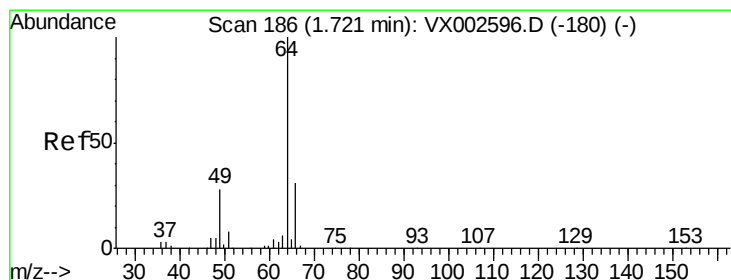
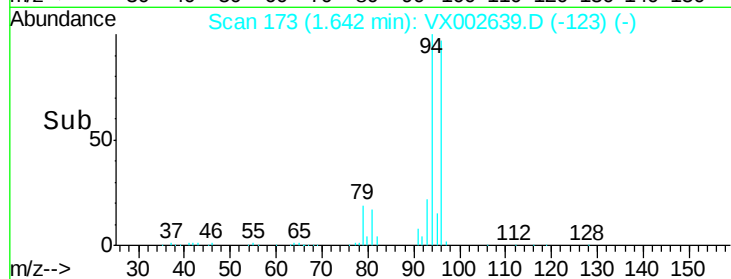
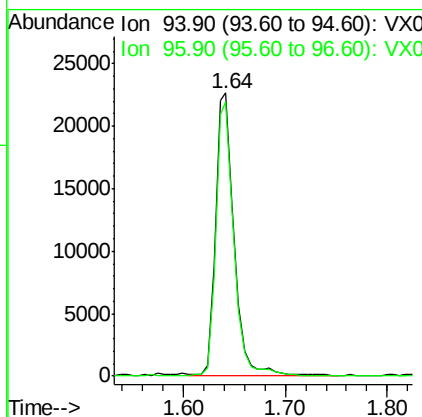
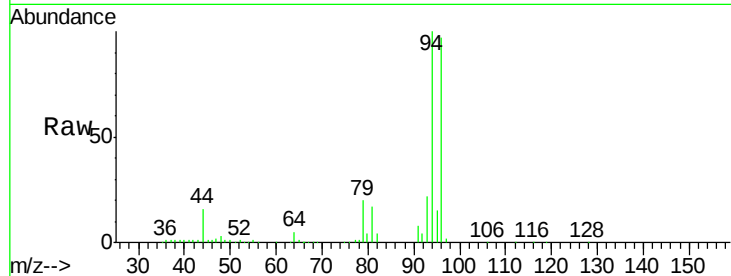
94 100

96 96.8 74.9 112.3

Manual Integrations
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#6

Chloroethane

Concen: 18.96 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX002639.D

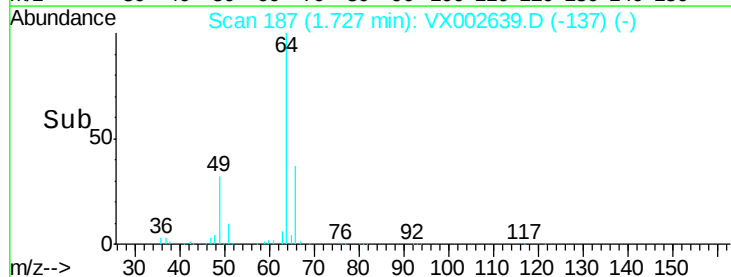
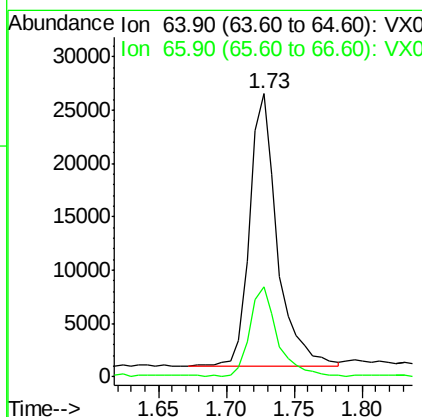
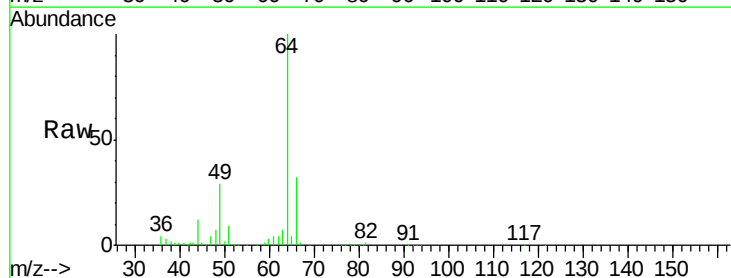
Acq: 16 Jun 2018 11:10

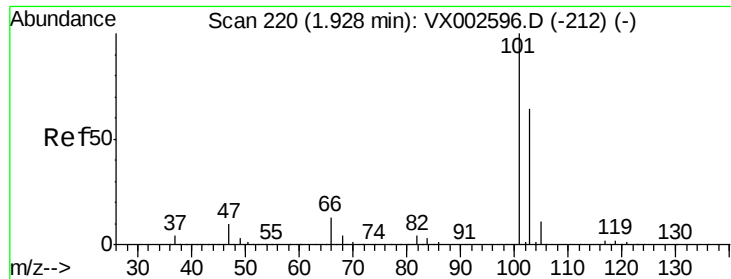
Tgt Ion: 64 Resp: 36547

Ion Ratio Lower Upper

64 100

66 32.3 25.5 38.3





#7

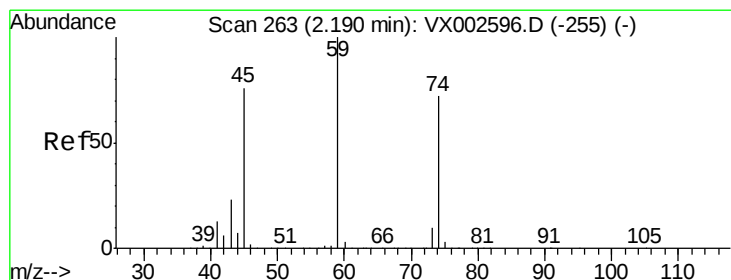
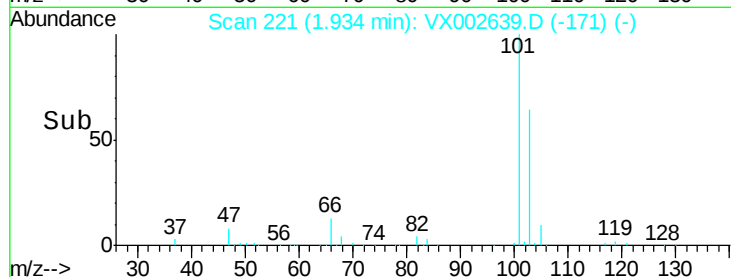
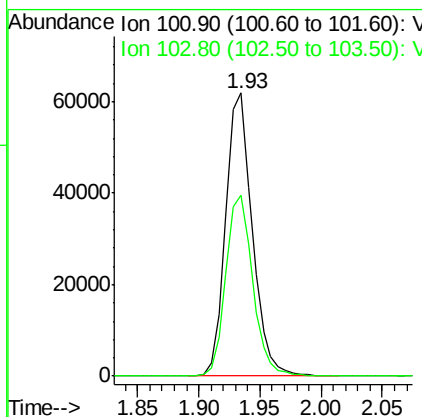
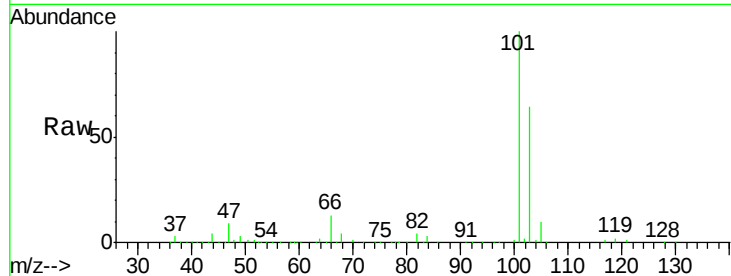
Trichlorofluoromethane
 Concen: 19.64 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. 0.01 min
 Lab File: VX002639.D
 Acq: 16 Jun 2018 11:10

Instrument :
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 ClientSampleId :
 VX0615WBS03

Tot Ion:101 Resp: 93338
 Ion Ratio Lower Upper
 101 100
 103 64.1 52.8 79.2

Manual Integrations
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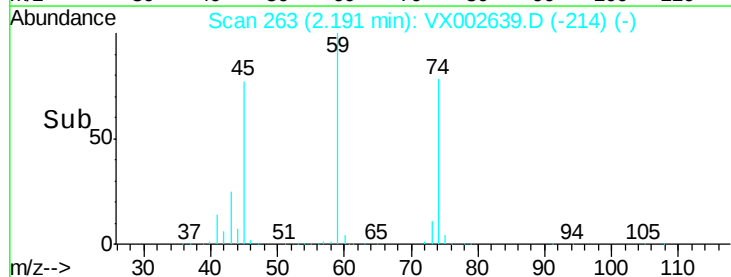
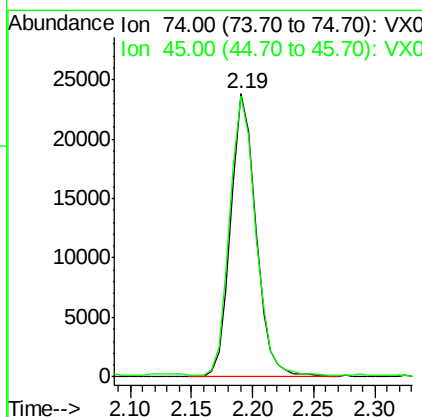
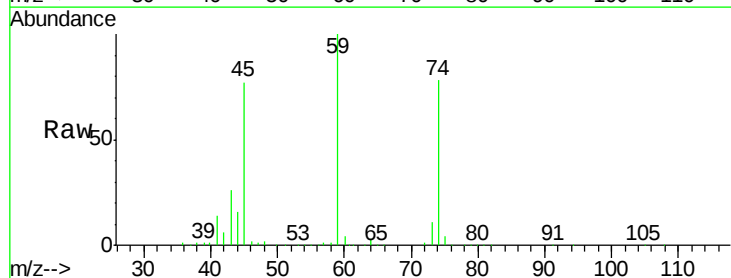
MMDadoda
 6/18/2018 5:12:07 PM

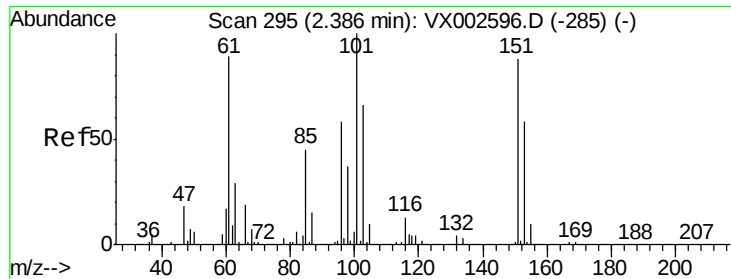


#8

Diethyl Ether
 Concen: 18.78 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX002639.D
 Acq: 16 Jun 2018 11:10

Tgt Ion: 74 Resp: 33945
 Ion Ratio Lower Upper
 74 100
 45 100.9 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.54 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX002639.D

Acq: 16 Jun 2018 11:10

Instrument :

MSVOA_X

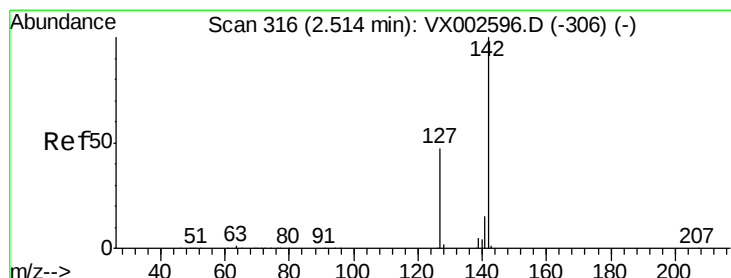
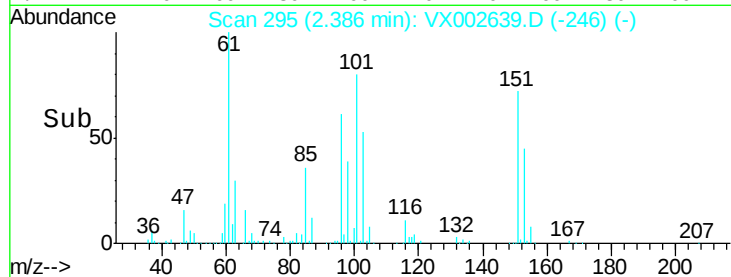
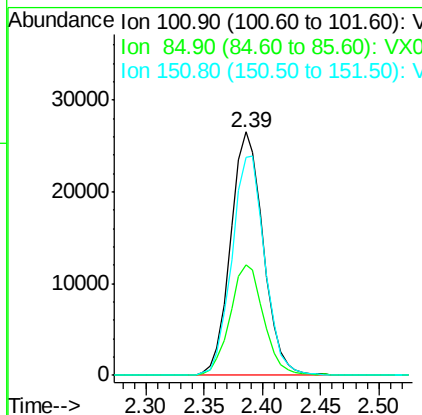
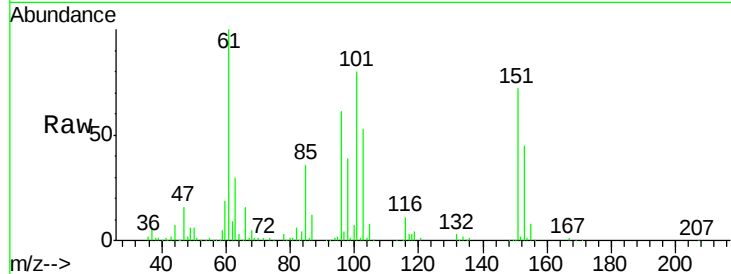
ClientSampleId :

VX0615WBS03

Tot Ion:	101	Resp:	51906
Ion Ratio	Lower	Upper	
101	100		
85	46.4	36.0	54.0
151	91.0	70.9	106.3

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#10

Methyl Iodide

Concen: 16.52 ug/l

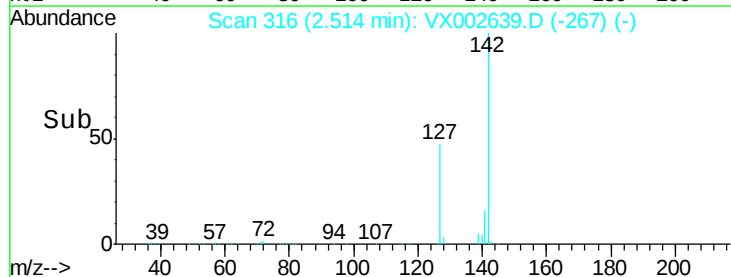
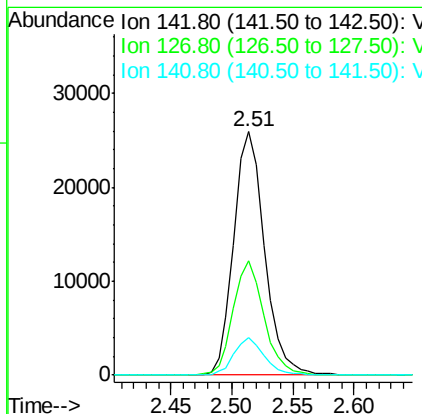
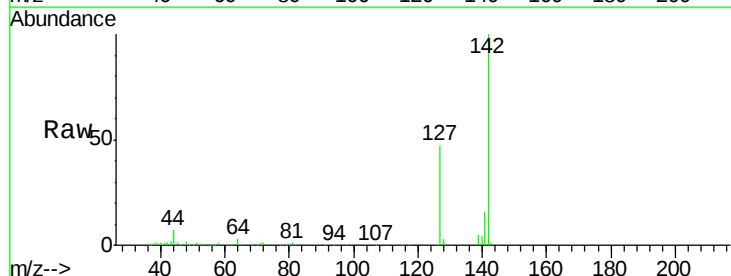
RT: 2.51 min Scan# 316

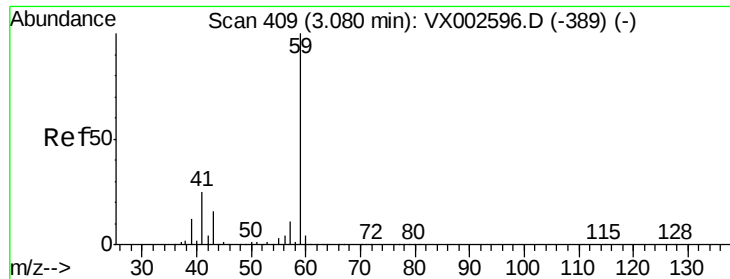
Delta R.T. 0.00 min

Lab File: VX002639.D

Acq: 16 Jun 2018 11:10

Tgt Ion:	142	Resp:	45328
Ion Ratio	Lower	Upper	
142	100		
127	46.8	36.6	55.0
141	15.0	11.3	16.9





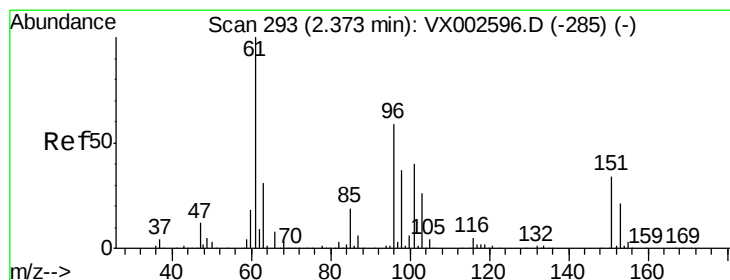
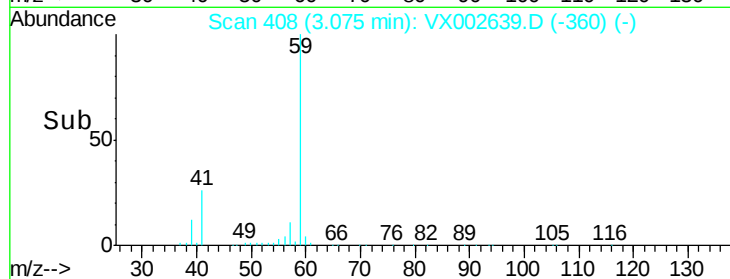
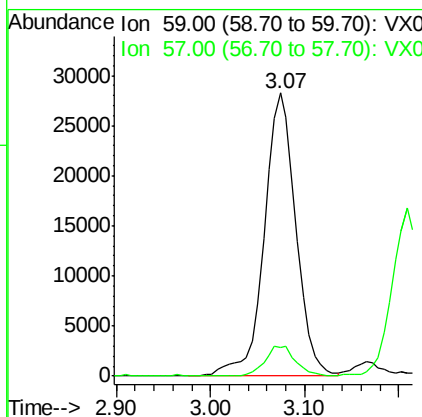
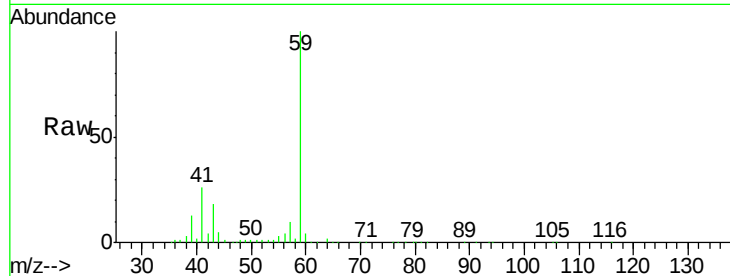
#11
Tert butyl alcohol
Concen: 94.83 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX002639.D
Acq: 16 Jun 2018 11:10

Instrument :
MSVOA_X
ClientSampled :
VX0615WBS03

Tot Ion: 59 Resp: 66482
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.2

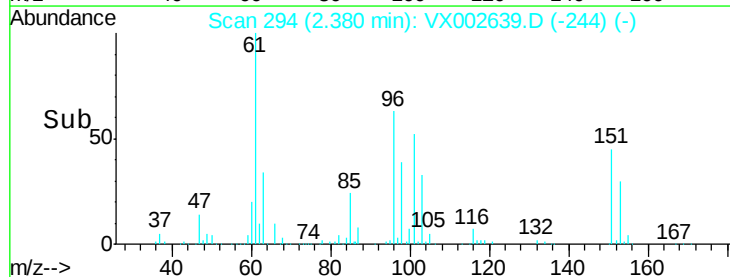
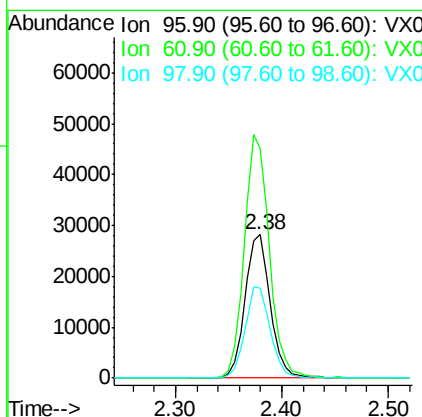
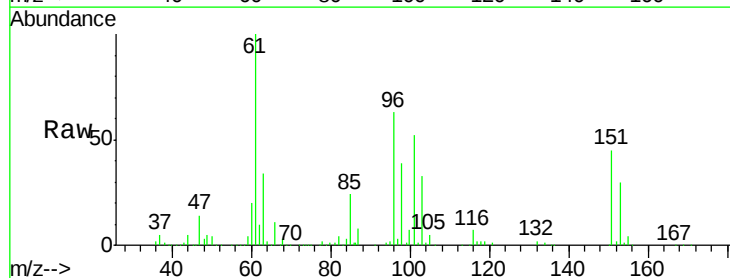
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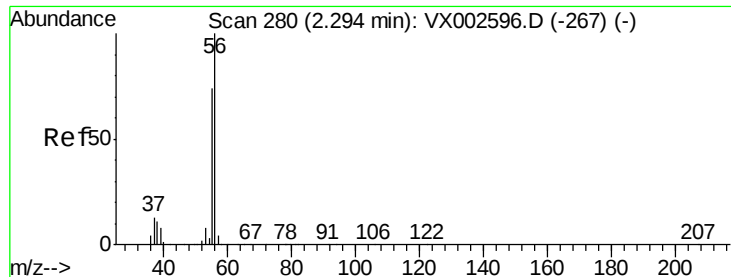
MMDadoda
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#12
1,1-Dichloroethene
Concen: 18.83 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.01 min
Lab File: VX002639.D
Acq: 16 Jun 2018 11:10

Tgt Ion: 96 Resp: 46949
Ion Ratio Lower Upper
96 100
61 159.7 137.9 206.9
98 62.5 51.6 77.4





#13

Acrolein

Concen: 81.64 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX002639.D

Acq: 16 Jun 2018 11:10

Instrument :

MSVOA_X

ClientSampleId :

VX0615WBS03

Tot Ion: 56 Resp: 25270

Ion Ratio Lower Upper

56 100

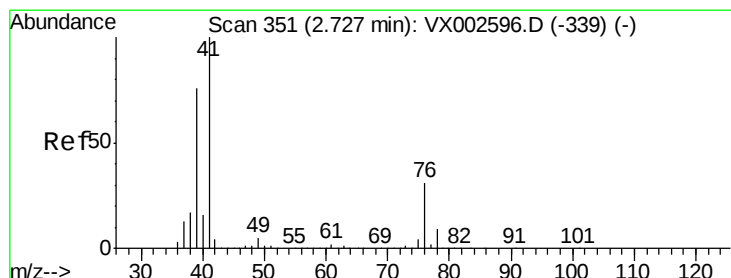
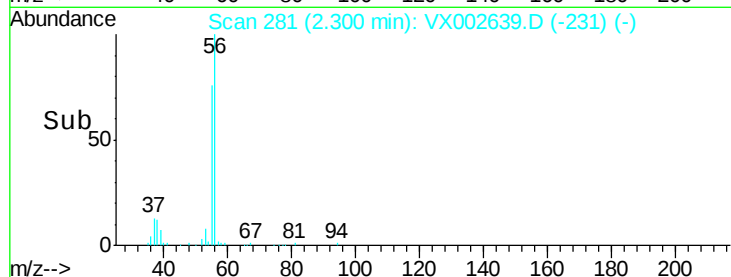
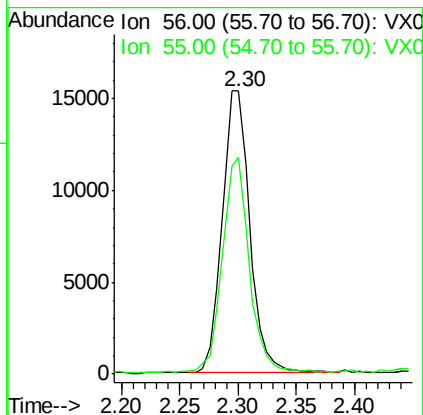
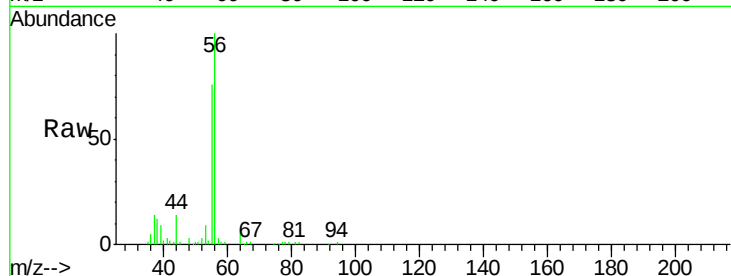
55 74.8 57.0 85.4

Manual Integrations

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#14

Allyl chloride

Concen: 18.47 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX002639.D

Acq: 16 Jun 2018 11:10

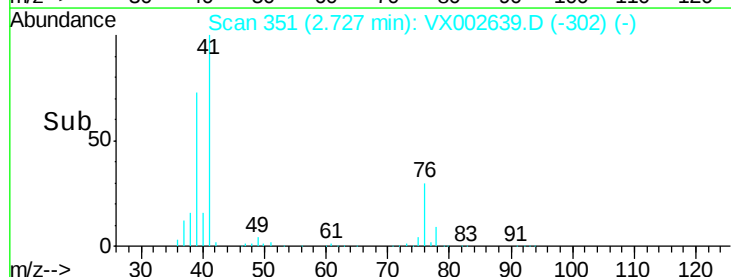
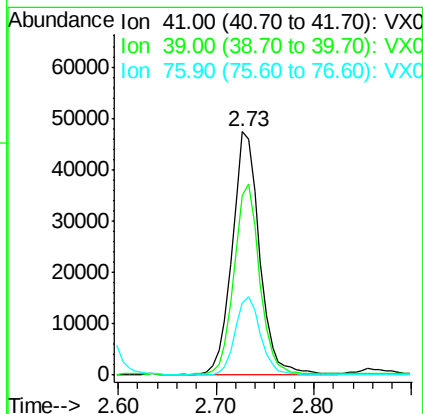
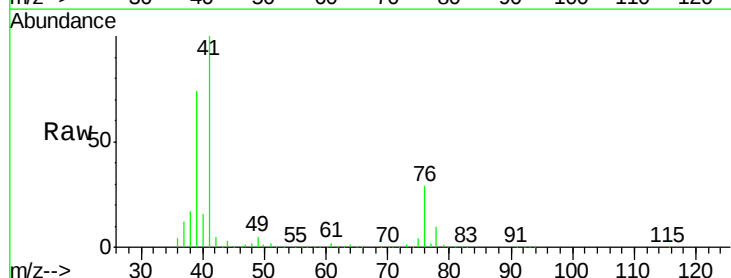
Tgt Ion: 41 Resp: 91447

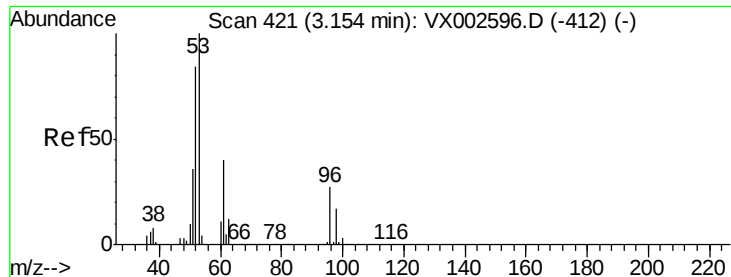
Ion Ratio Lower Upper

41 100

39 73.7 56.8 85.2

76 30.2 23.8 35.8





#15

Acrylonitrile

Concen: 91.27 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002639.D

Acq: 16 Jun 2018 11:10

Instrument :

MSVOA_X

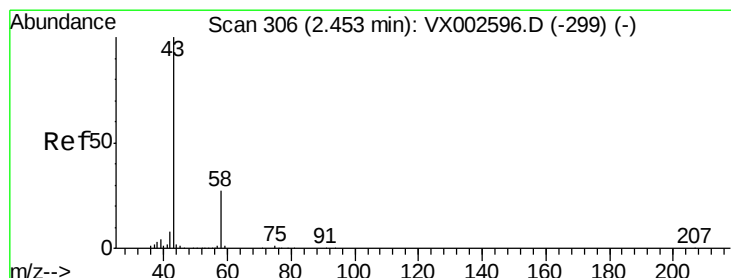
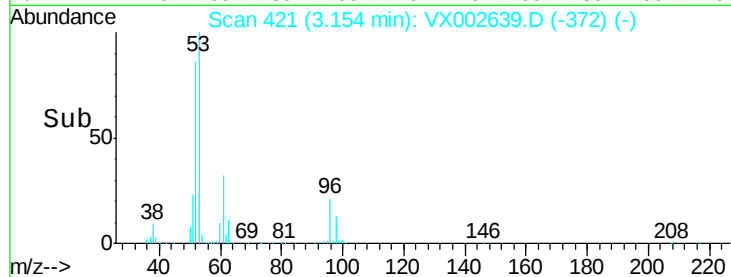
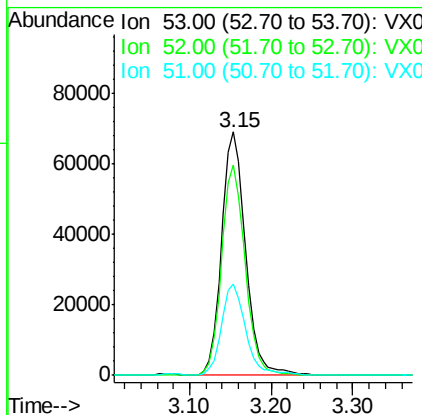
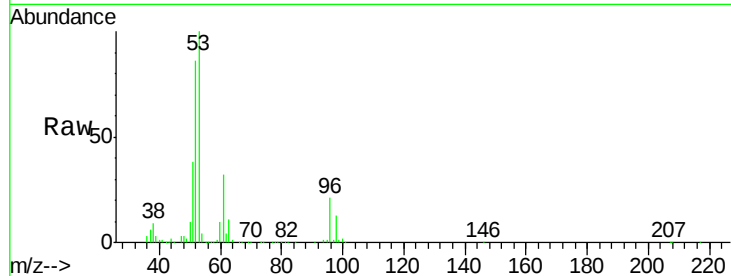
ClientSampleId :

VX0615WBS03

Tot Ion:	53	Resp:	139627
Ion Ratio	Lower	Upper	
53	100		
52	84.8	66.7	100.1
51	38.1	29.9	44.9

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#16

Acetone

Concen: 109.60 ug/l

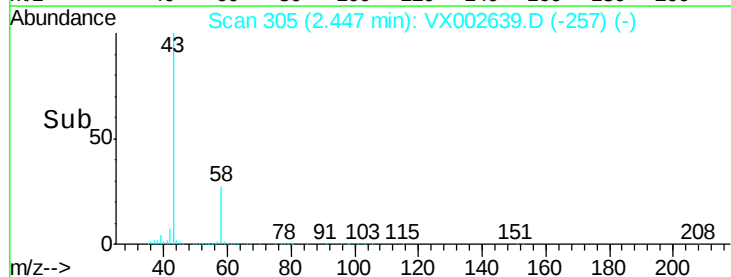
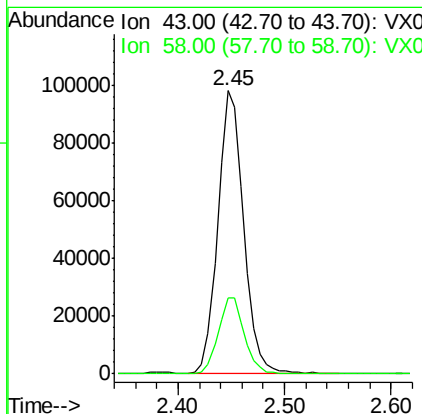
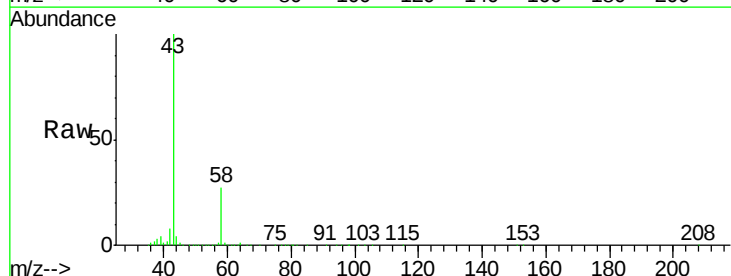
RT: 2.45 min Scan# 305

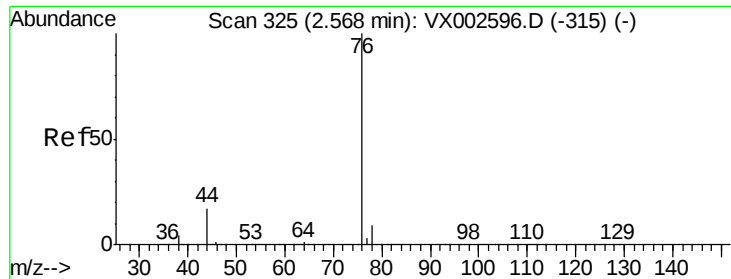
Delta R.T. -0.01 min

Lab File: VX002639.D

Acq: 16 Jun 2018 11:10

Tgt Ion:	43	Resp:	163993
Ion Ratio	Lower	Upper	
43	100		
58	27.0	22.1	33.1





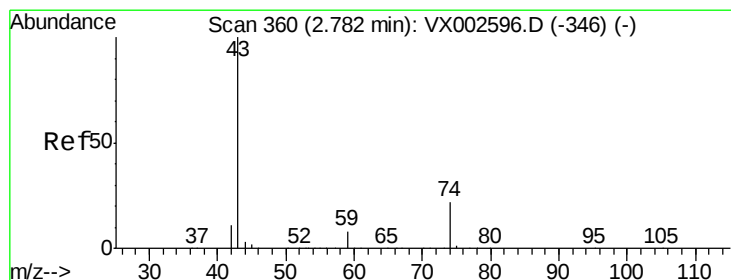
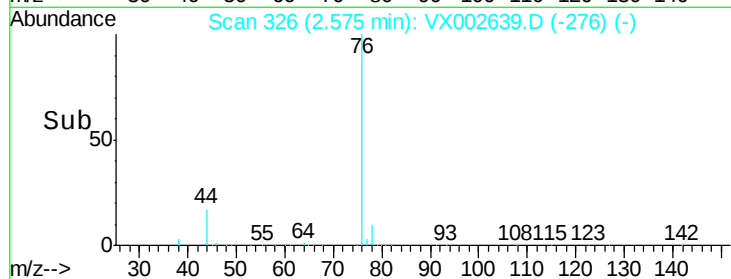
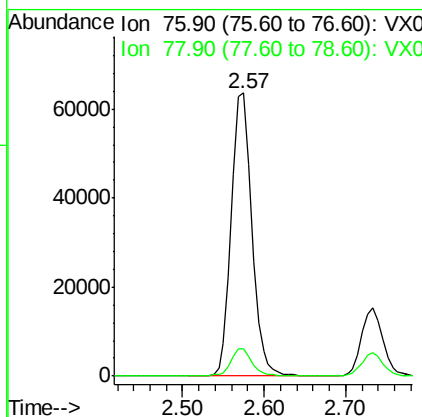
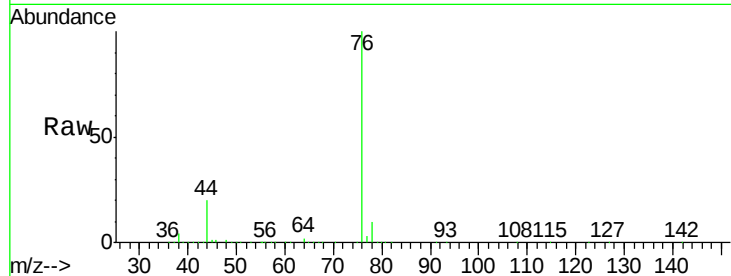
#17
Carbon Disulfide
Concen: 18.69 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.01 min
Lab File: VX002639.D
Acq: 16 Jun 2018 11:10

Instrument :
MSVOA_X
ClientSampleId :
VX0615WBS03

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.5	6.9	10.3

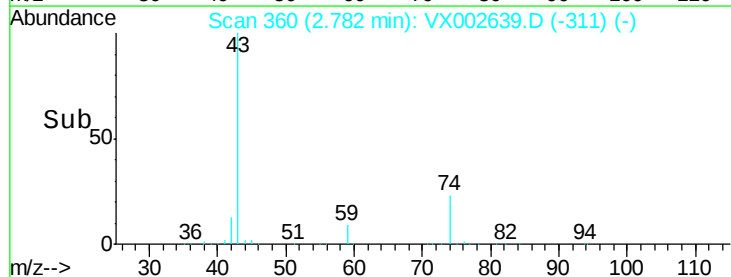
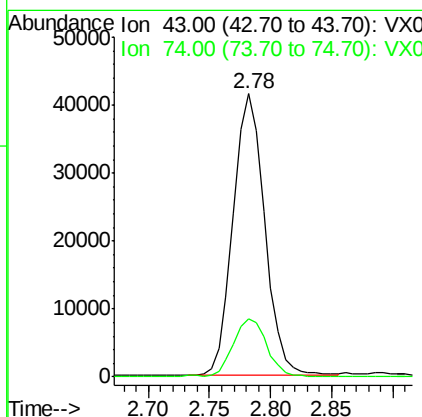
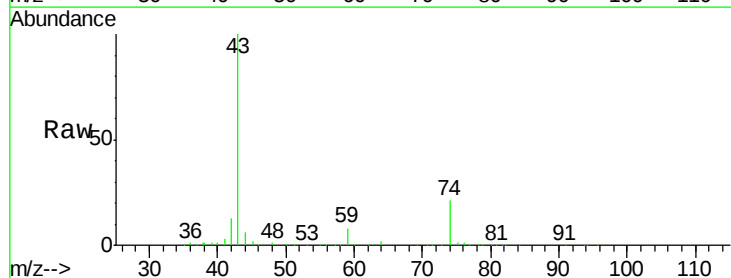
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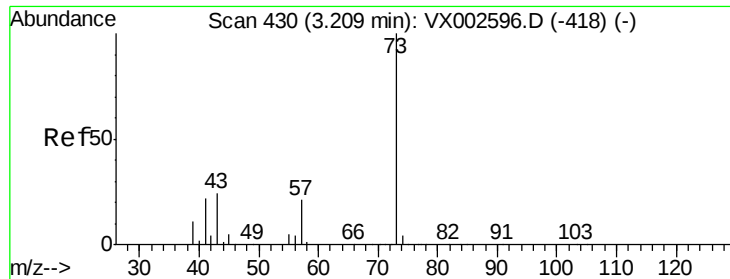
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#18
Methyl Acetate
Concen: 18.73 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX002639.D
Acq: 16 Jun 2018 11:10

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.5	16.7	25.1





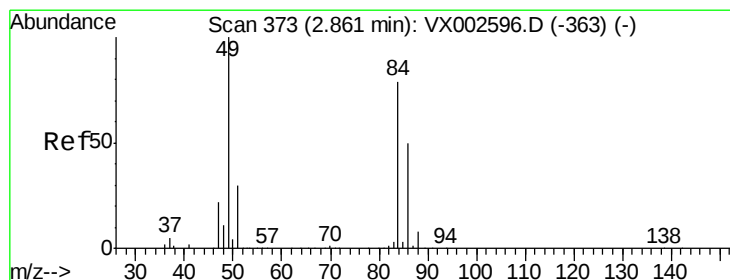
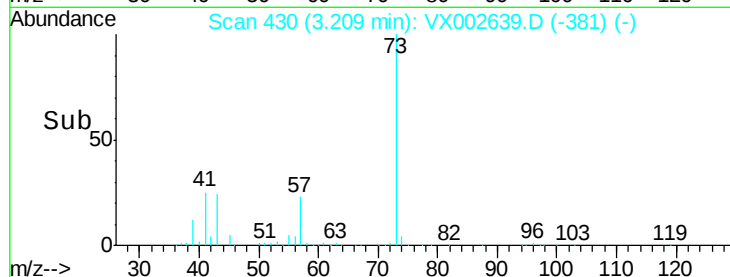
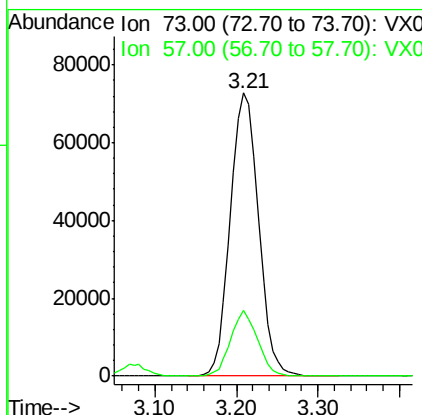
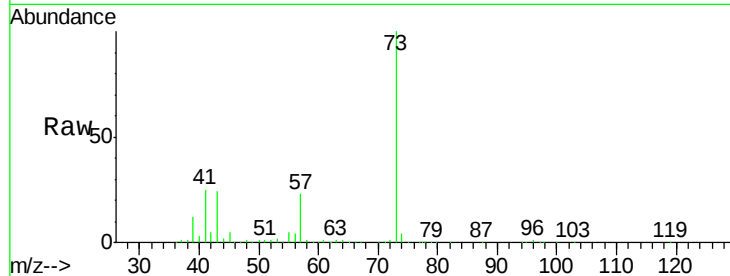
#19
Methyl tert-butyl Ether
Concen: 18.60 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX002639.D
Acq: 16 Jun 2018 11:10

Instrument :
MSVOA_X
ClientSampleId :
VX0615WBS03

Tot Ion: 73 Resp: 174008
Ion Ratio Lower Upper
73 100
57 22.9 17.7 26.5

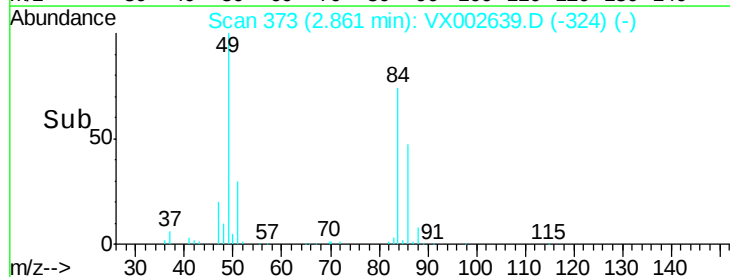
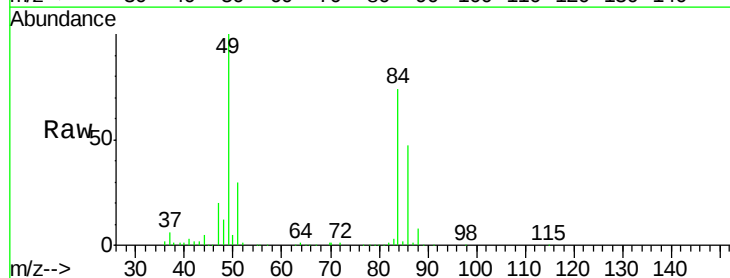
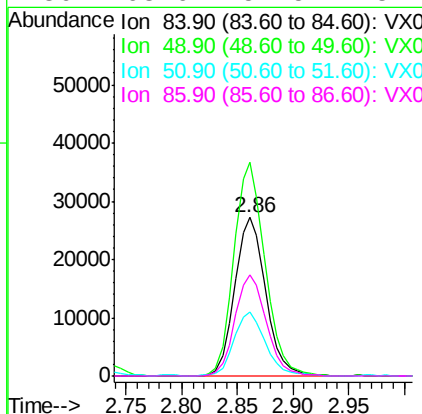
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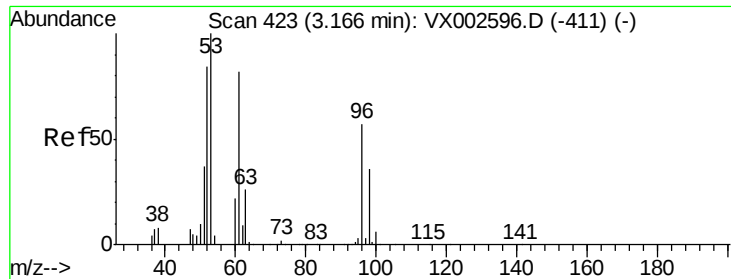
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#20
Methylene Chloride
Concen: 17.08 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002639.D
Acq: 16 Jun 2018 11:10

Tgt Ion: 84 Resp: 52396
Ion Ratio Lower Upper
84 100
49 134.6 107.8 161.6
51 40.2 32.8 49.2
86 63.6 52.5 78.7





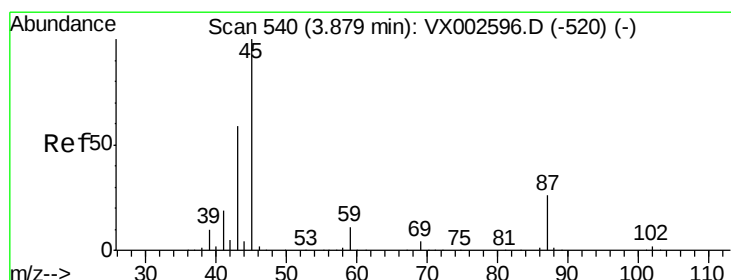
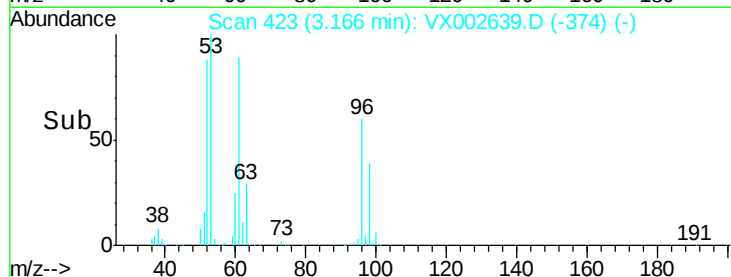
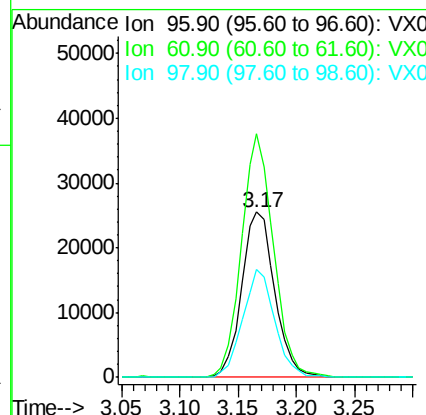
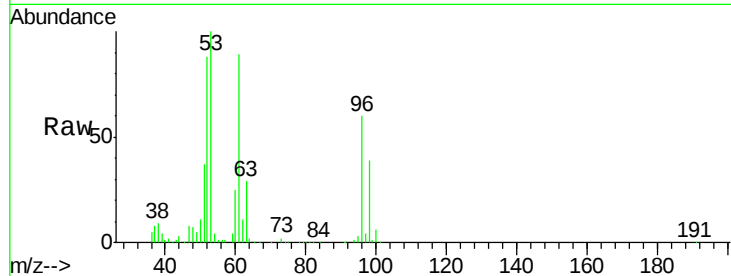
#21
trans-1,2-Dichloroethene
Concen: 18.67 ug/l
RT: 3.17 min Scan# 423
Delta R.T. 0.00 min
Lab File: VX002639.D
Acq: 16 Jun 2018 11:10

Instrument :
MSVOA_X
ClientSampleId :
VX0615WBS03

Tot Ion	Ratio	Lower	Upper
96	100		
61	147.2	117.0	175.4
98	65.5	52.4	78.6

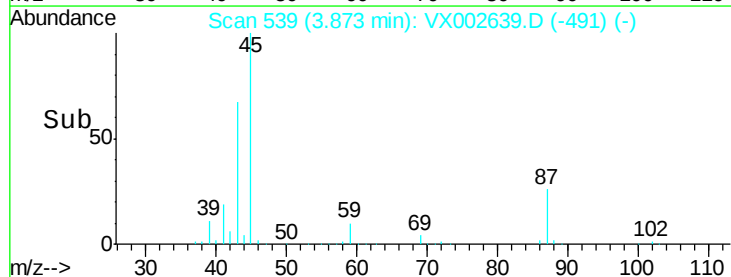
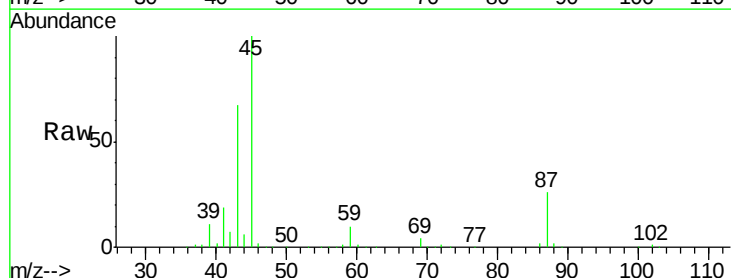
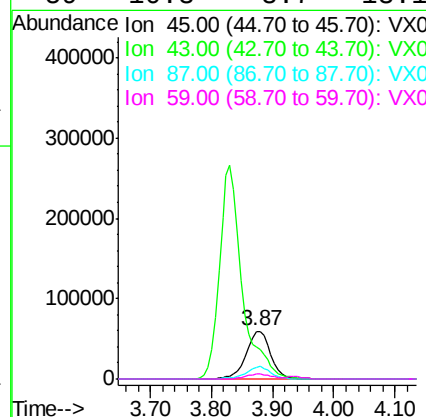
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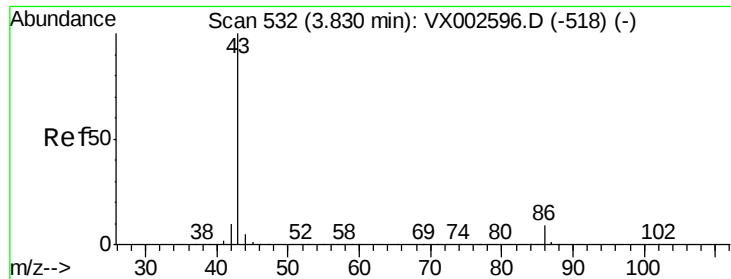
MMDadoda
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#22
Diisopropyl ether
Concen: 18.61 ug/l
RT: 3.87 min Scan# 539
Delta R.T. -0.01 min
Lab File: VX002639.D
Acq: 16 Jun 2018 11:10

Tgt Ion	Ratio	Lower	Upper
45	100		
43	67.0	46.8	70.2
87	25.5	20.2	30.4
59	10.3	8.7	13.1





#23

Vinyl Acetate

Concen: 92.22 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX002639.D

Acq: 16 Jun 2018 11:10

Instrument :

MSVOA_X

ClientSampleId :

VX0615WBS03

Tot Ion: 43 Resp: 691452

Ion Ratio Lower Upper

43 100

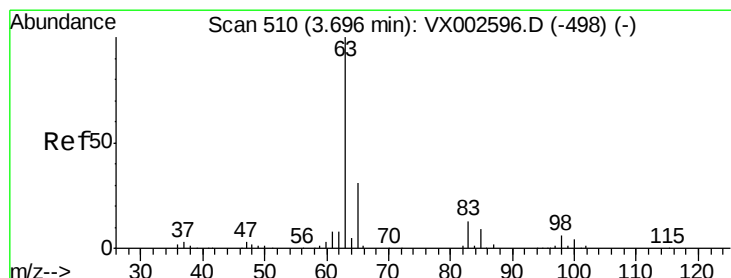
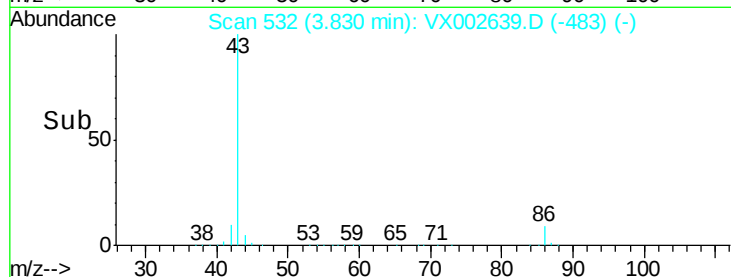
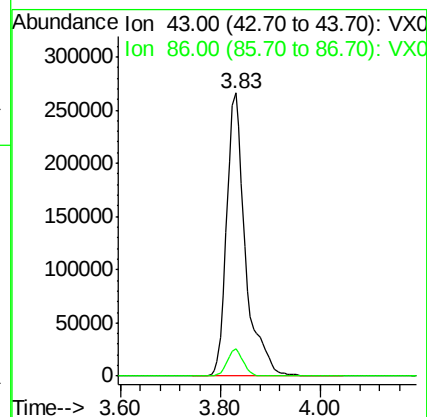
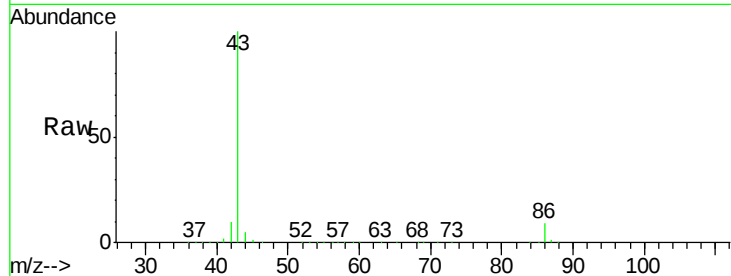
86 9.5 7.4 11.0

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#24

1,1-Dichloroethane

Concen: 19.84 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX002639.D

Acq: 16 Jun 2018 11:10

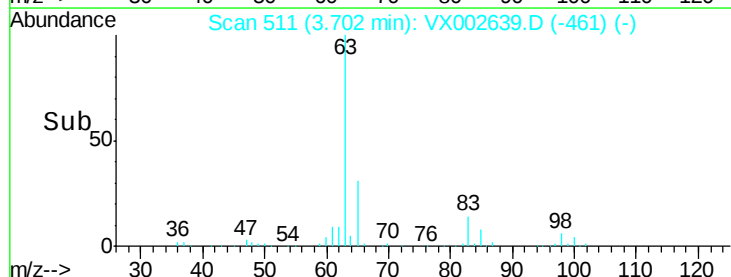
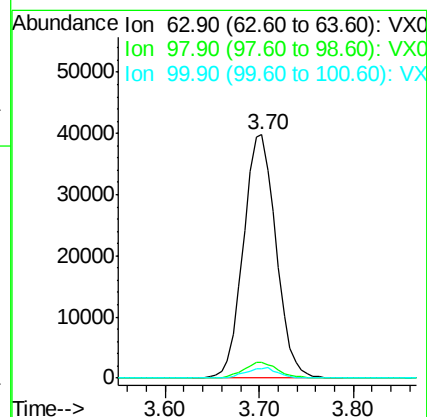
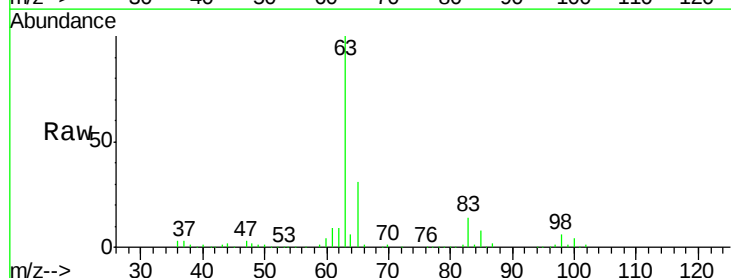
Tgt Ion: 63 Resp: 96466

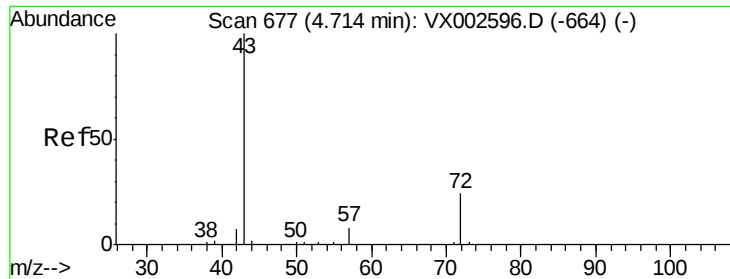
Ion Ratio Lower Upper

63 100

98 6.4 3.4 10.2

100 3.9 2.0 6.0





#25

2-Butanone

Concen: 100.46 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX002639.D

Acq: 16 Jun 2018 11:10

Tot Ion: 43 Resp: 197395

Ion Ratio Lower Upper

43 100

72 23.0 18.5 27.7

Instrument :

MSVOA_X

ClientSampleId :

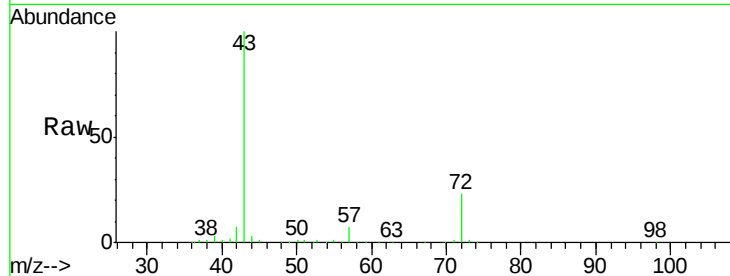
VX0615WBS03

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

80000

60000

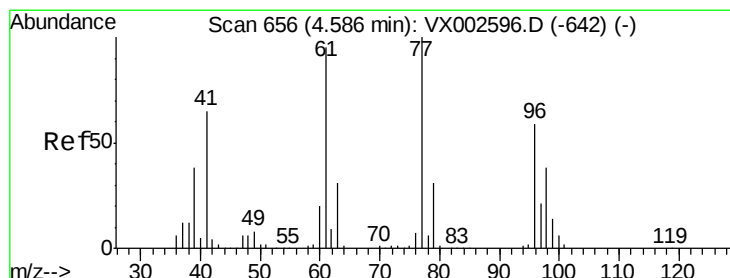
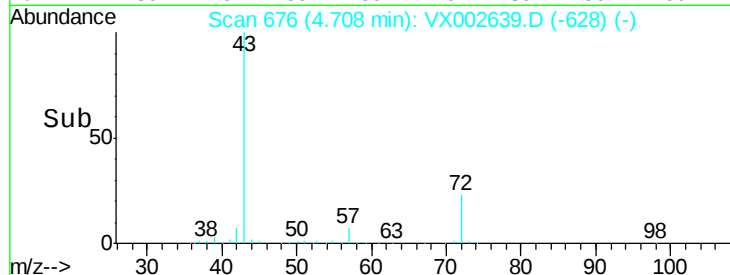
40000

20000

0

Time-->

4.60 4.70 4.80



#26

2,2-Dichloropropane

Concen: 19.28 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX002639.D

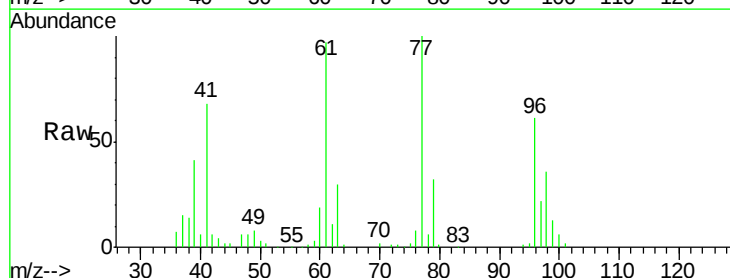
Acq: 16 Jun 2018 11:10

Tgt Ion: 77 Resp: 67361

Ion Ratio Lower Upper

77 100

97 23.4 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

25000

20000

15000

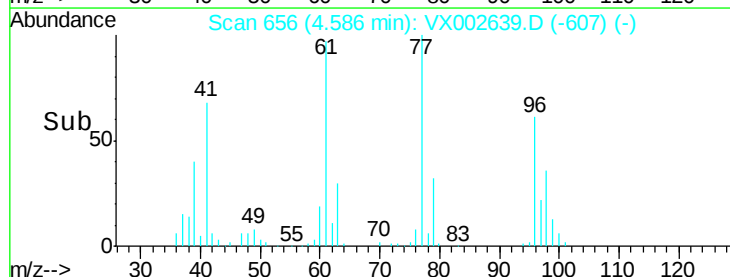
10000

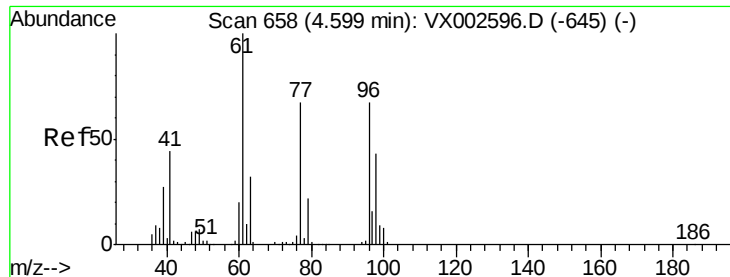
5000

0

Time-->

4.50 4.60 4.70





#27

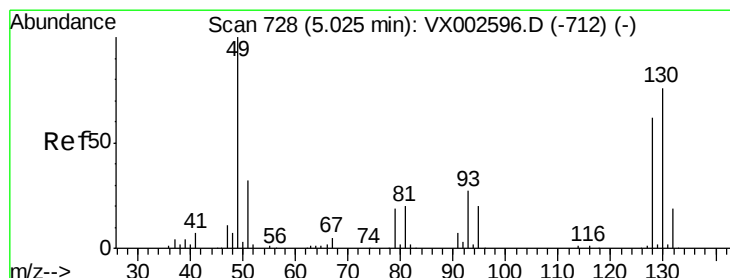
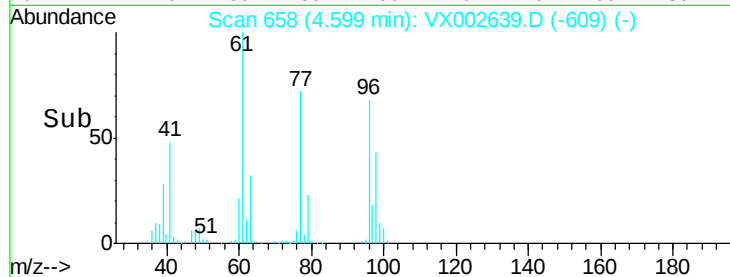
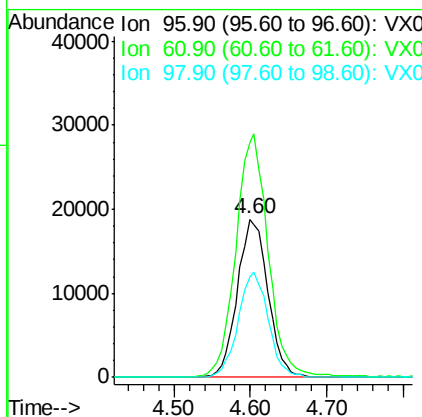
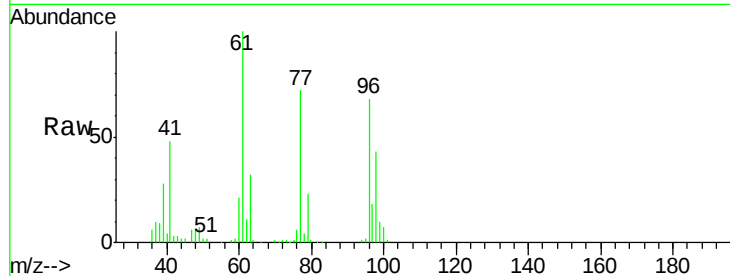
cis-1,2-Dichloroethene
Concen: 19.03 ug/l
RT: 4.60 min Scan# 658
Delta R.T. 0.00 min
Lab File: VX002639.D
Acq: 16 Jun 2018 11:10

Instrument :
MSVOA_X
ClientSampleId :
VX0615WBS03

Tot Ion	Ratio	Lower	Upper
96	100		
61	162.7	0.0	330.2
98	65.2	0.0	130.2

Manual Integrations
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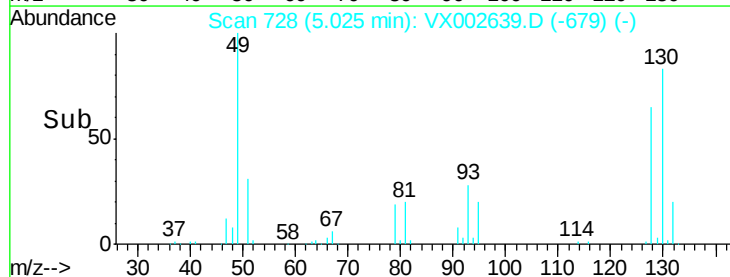
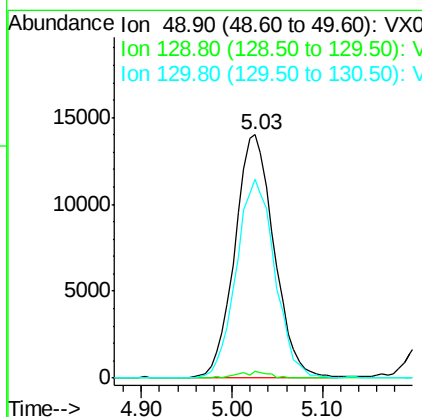
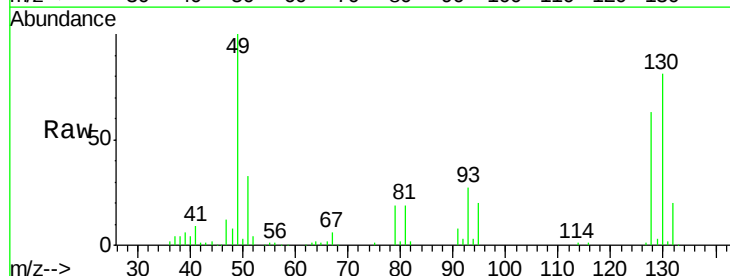
MMDadoda
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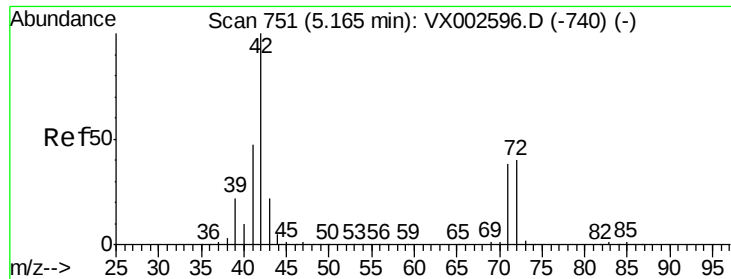


#28

Bromochloromethane
Concen: 18.52 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.00 min
Lab File: VX002639.D
Acq: 16 Jun 2018 11:10

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.2
130	80.0	61.2	91.8





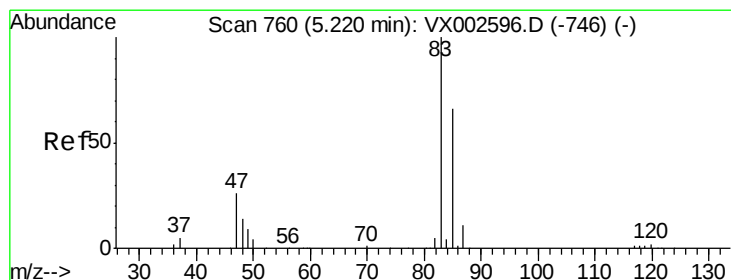
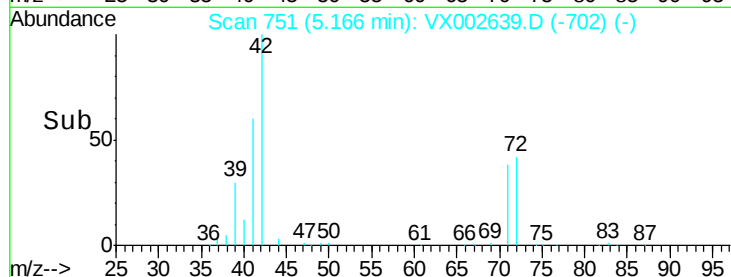
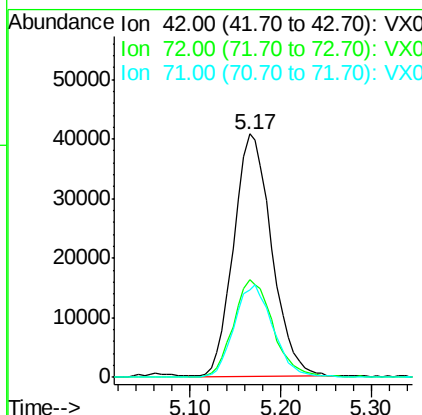
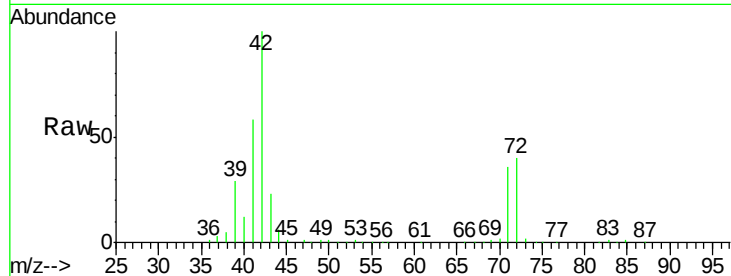
#29
Tetrahydrofuran
Concen: 92.21 ug/l
RT: 5.17 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX002639.D
Acq: 16 Jun 2018 11:10

Instrument :
MSVOA_X
ClientSampleId :
VX0615WBS03

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.0	32.0	48.0
71	39.1	30.1	45.1

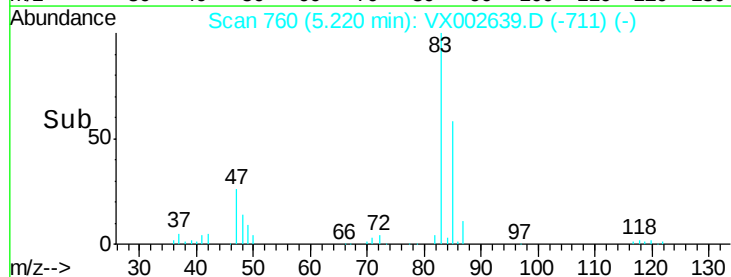
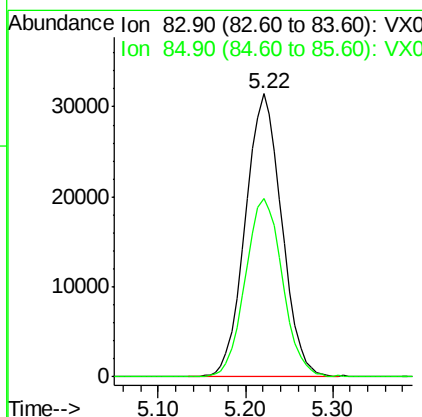
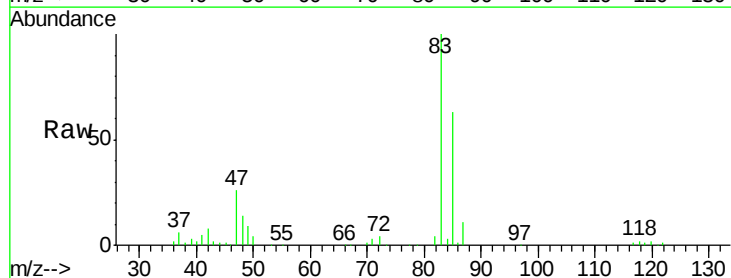
Manual Integrations
APPROVED

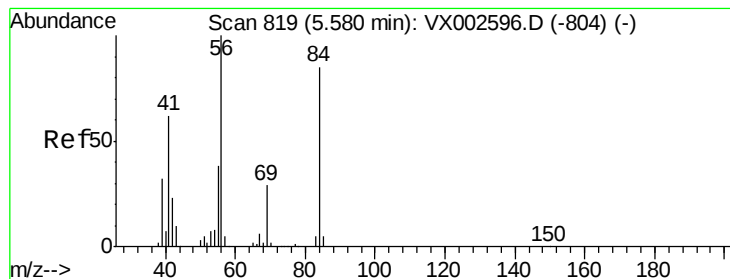
MMDadoda
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#30
Chloroform
Concen: 19.43 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX002639.D
Acq: 16 Jun 2018 11:10

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.9	50.4	75.6





#31

Cyclohexane

Concen: 19.56 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX002639.D

Acq: 16 Jun 2018 11:10

Instrument :

MSVOA_X

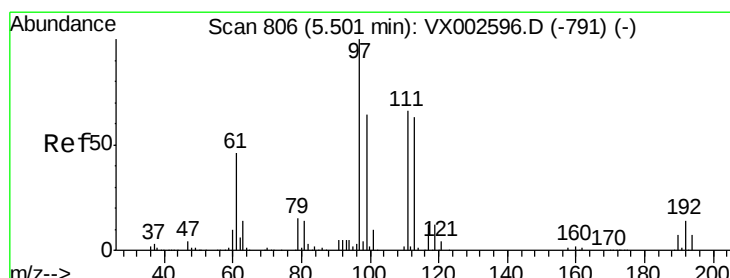
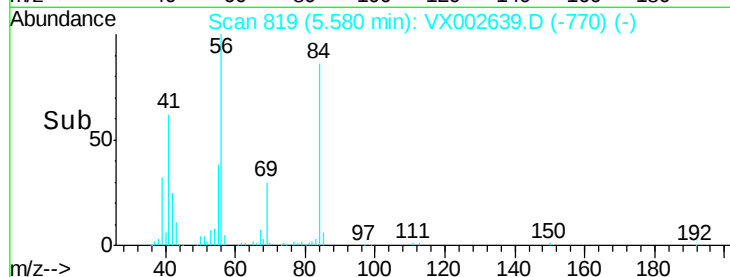
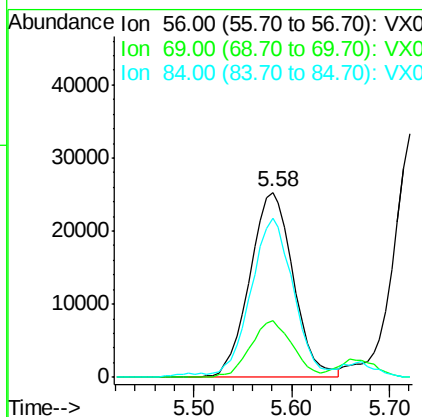
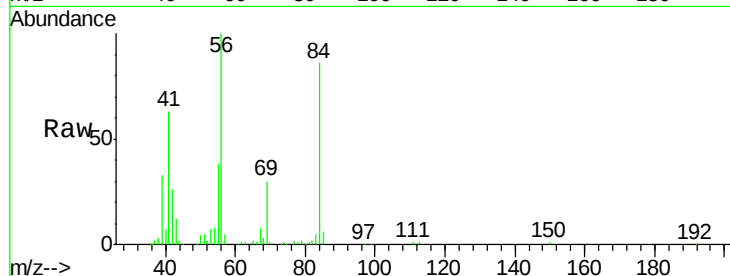
ClientSampleId :

VX0615WBS03

Tot Ion:	56	Resp:	78301
Ion	Ratio	Lower	Upper
56	100		
69	30.3	23.7	35.5
84	83.5	64.1	96.1

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 19.93 ug/l

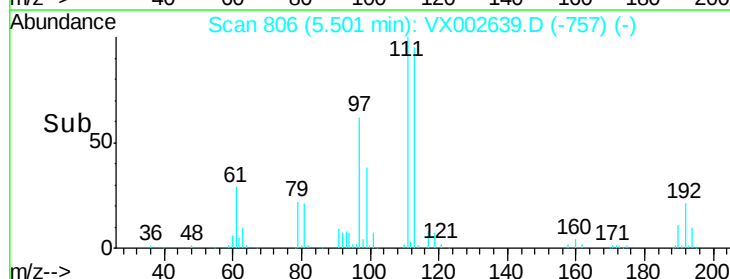
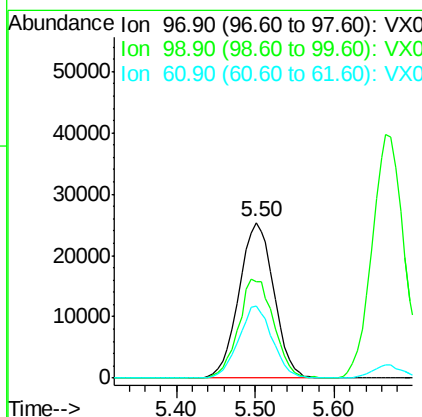
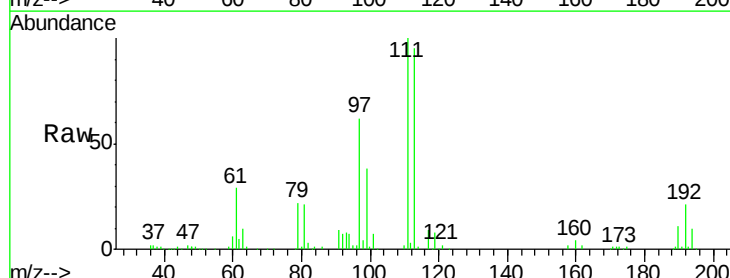
RT: 5.50 min Scan# 806

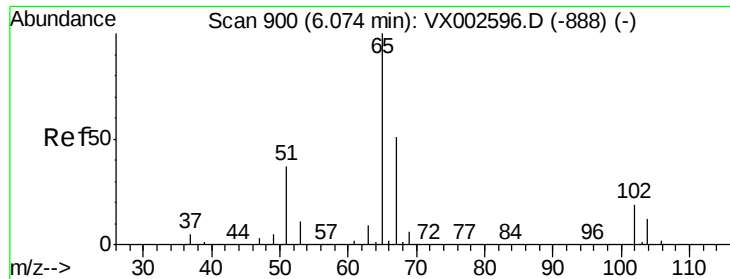
Delta R.T. 0.00 min

Lab File: VX002639.D

Acq: 16 Jun 2018 11:10

Tgt Ion:	97	Resp:	78169
Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.6	77.4
61	44.8	36.4	54.6





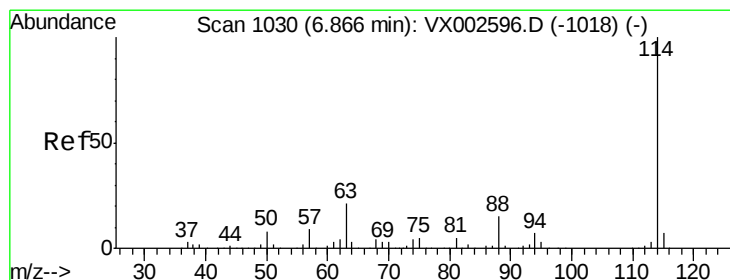
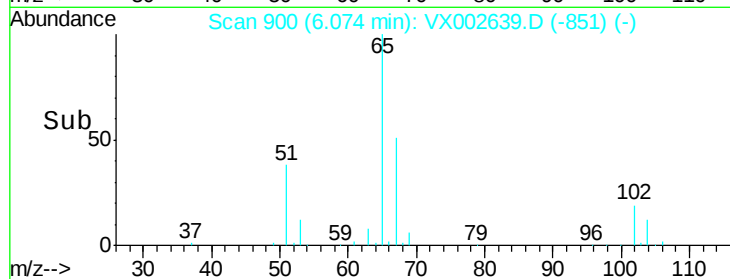
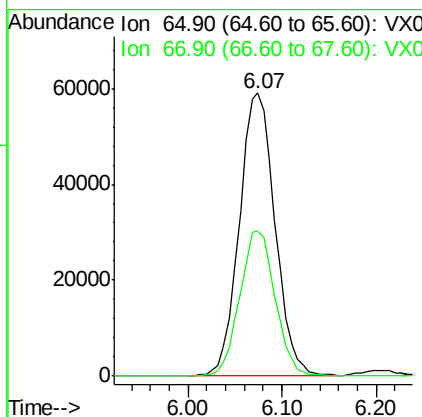
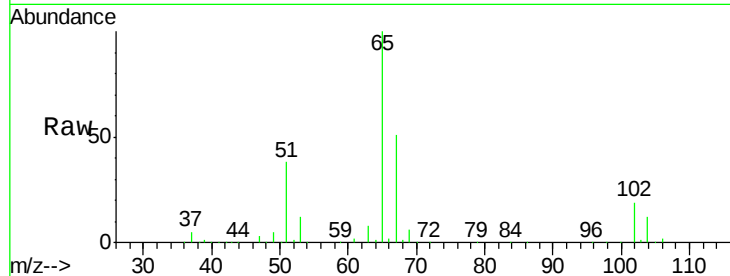
#33
 1,2-Dichloroethane-d4
 Concen: 46.12 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX002639.D
 Acq: 16 Jun 2018 11:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0615WBS03

Tot Ion	Ratio	Resp	Lower	Upper
65	100	156424		
67	51.1	0.0	102.6	

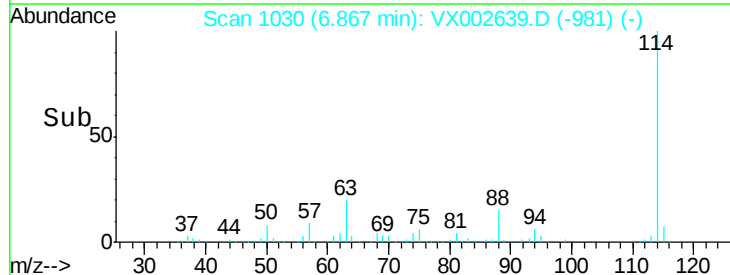
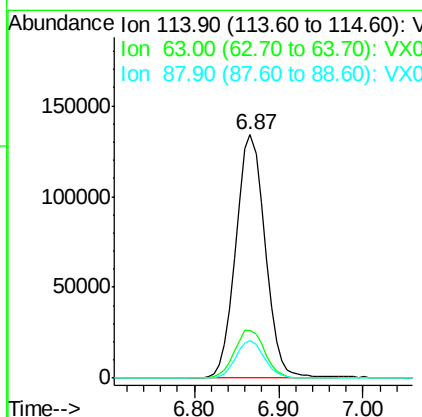
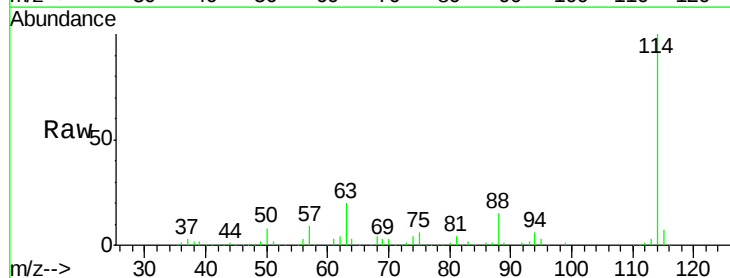
Manual Integrations
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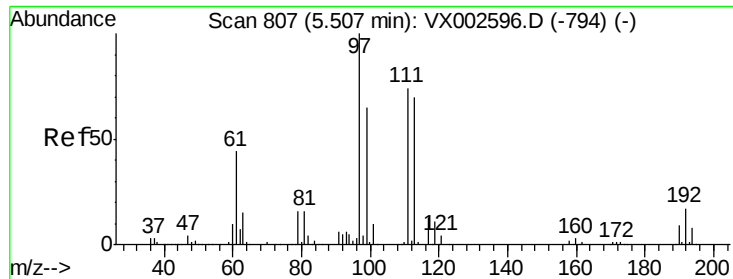
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX002639.D
 Acq: 16 Jun 2018 11:10

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	315513		
63	19.7	0.0	41.4	
88	15.2	0.0	30.0	





#35

Dibromofluoromethane

Concen: 48.18 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX002639.D

Acq: 16 Jun 2018 11:10

Instrument :

MSVOA_X

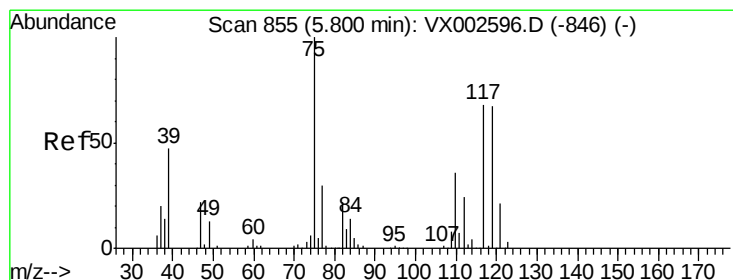
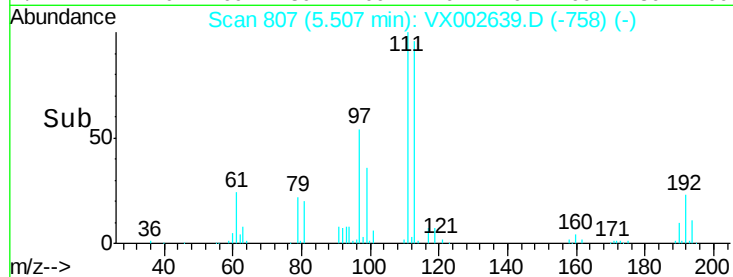
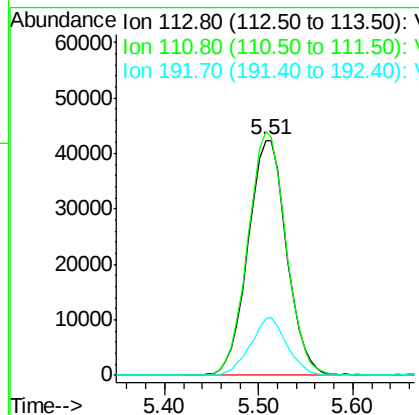
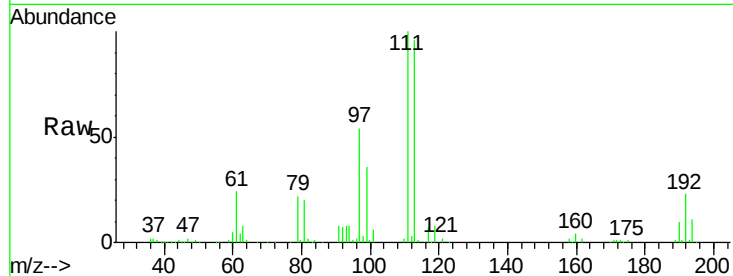
ClientSampleId :

VX0615WBS03

Tot Ion:	113	Resp:	121320
Ion Ratio	Lower	Upper	
113	100		
111	102.7	81.4	122.0
192	23.2	19.1	28.7

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 19.67 ug/l

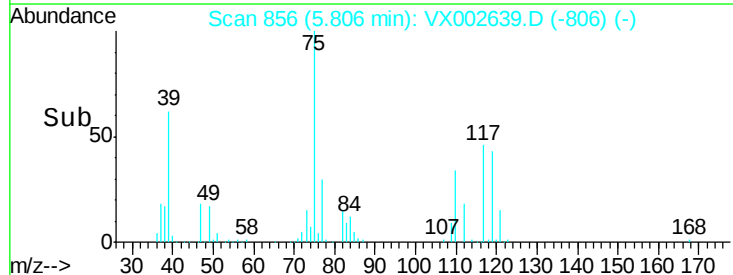
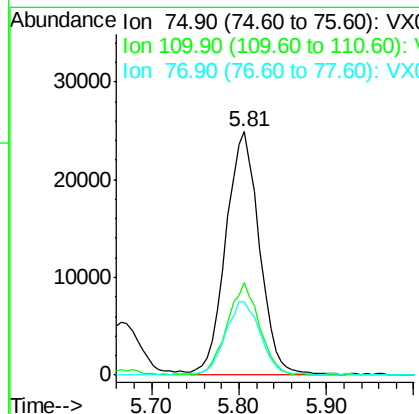
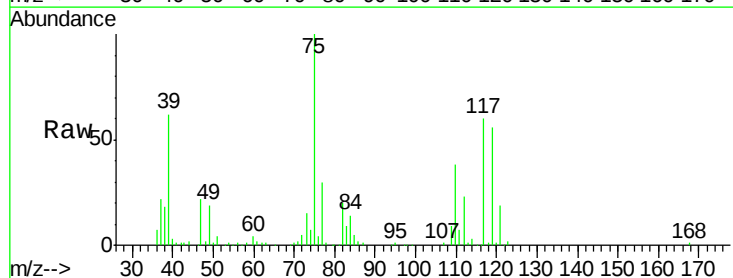
RT: 5.81 min Scan# 855

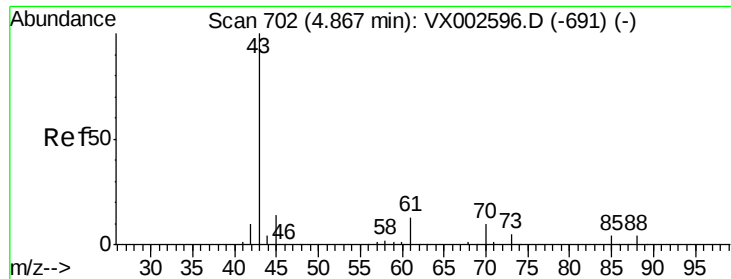
Delta R.T. 0.01 min

Lab File: VX002639.D

Acq: 16 Jun 2018 11:10

Tgt Ion:	75	Resp:	65897
Ion Ratio	Lower	Upper	
75	100		
110	36.7	18.1	54.4
77	32.0	24.3	36.5





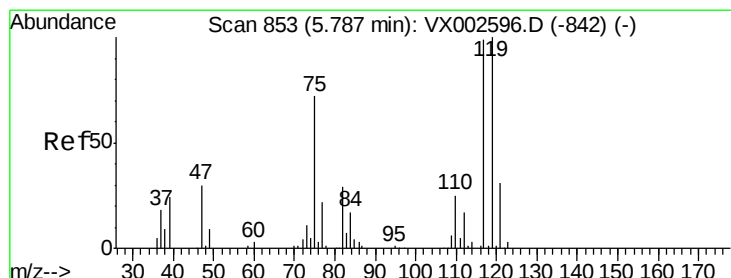
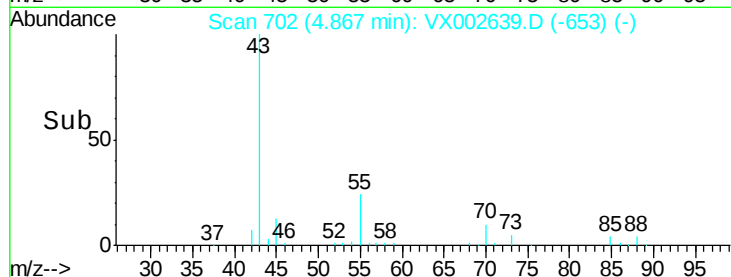
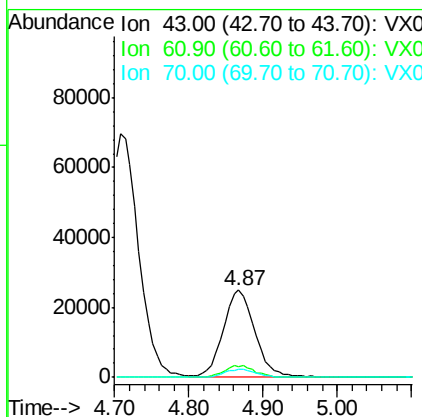
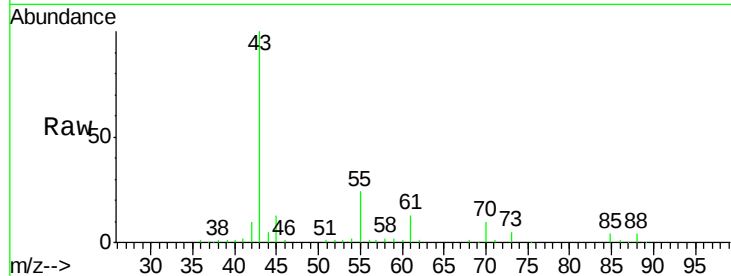
#37
Ethyl Acetate
Concen: 19.35 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.00 min
Lab File: VX002639.D
Acq: 16 Jun 2018 11:10

Instrument :
MSVOA_X
ClientSampleId :
VX0615WBS03

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.9	10.4	15.6
70	9.7	7.6	11.4

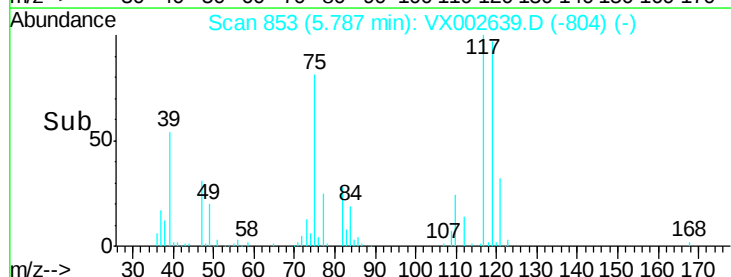
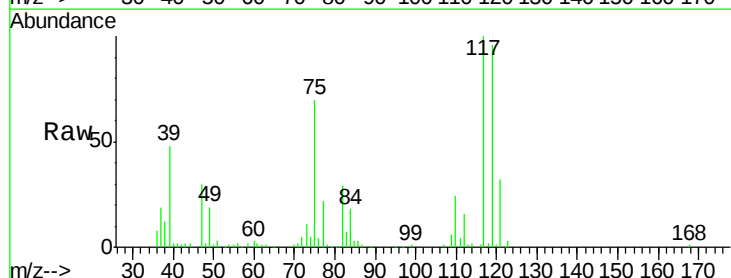
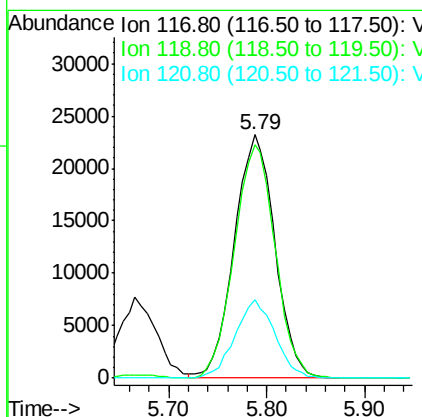
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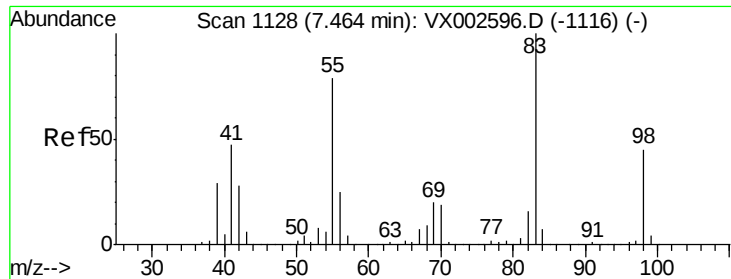
MMDadoda
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#38
Carbon Tetrachloride
Concen: 20.05 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX002639.D
Acq: 16 Jun 2018 11:10

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.9	77.4	116.0
121	32.0	24.4	36.6





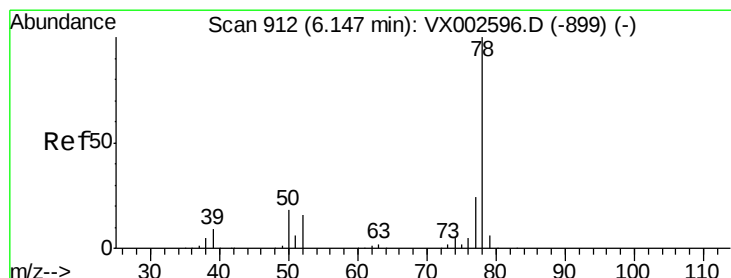
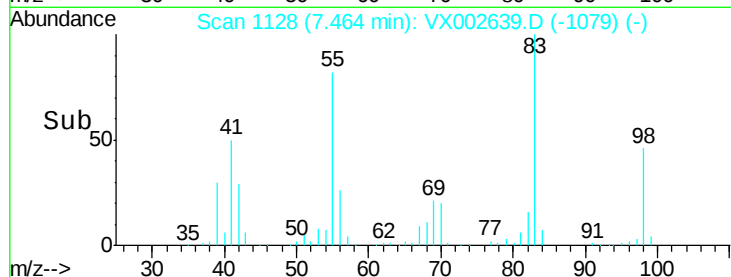
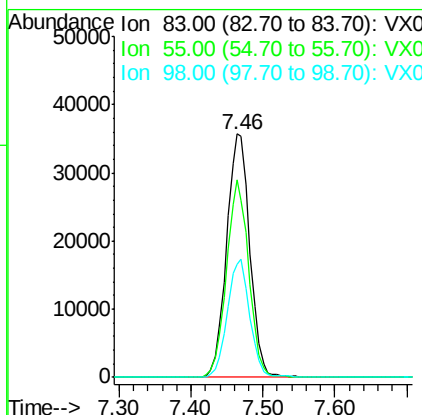
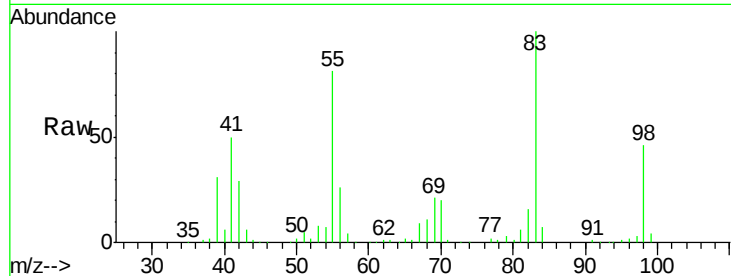
#39
Methvlcvclohexane
Concen: 20.42 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002639.D
Acq: 16 Jun 2018 11:10

Instrument :
MSVOA_X
ClientSampleId :
VX0615WBS03

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	81.4	65.4	98.0	
98	46.4	37.4	56.0	

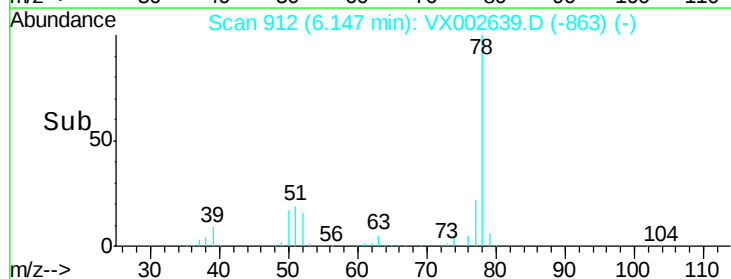
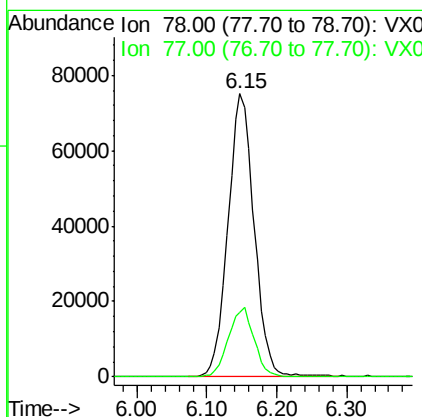
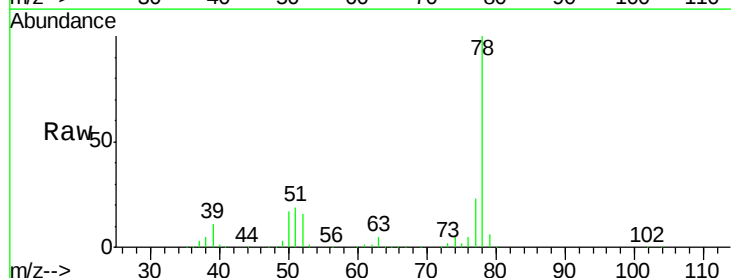
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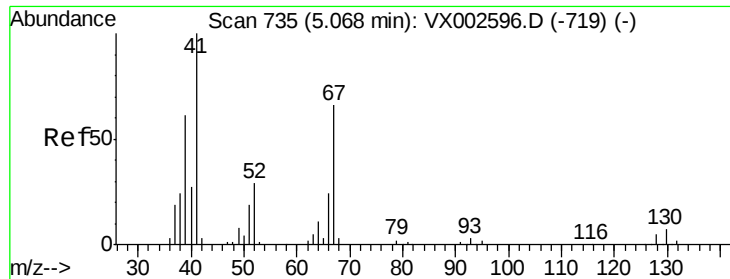
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#40
Benzene
Concen: 19.48 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX002639.D
Acq: 16 Jun 2018 11:10

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	22.9	19.1	28.7	





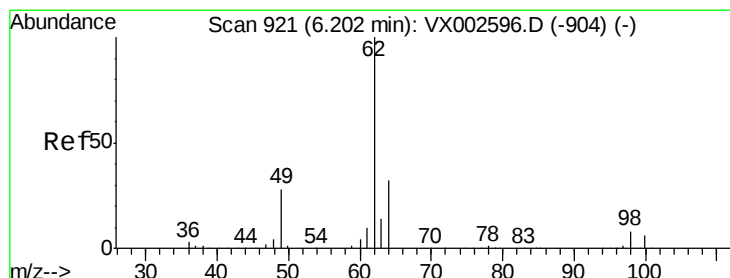
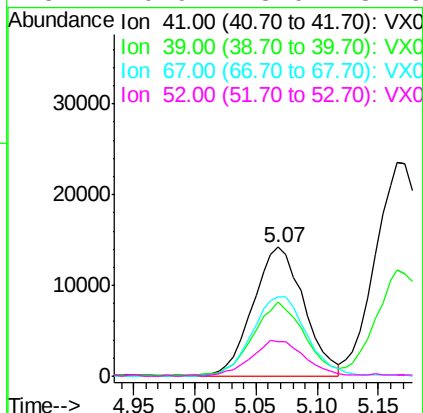
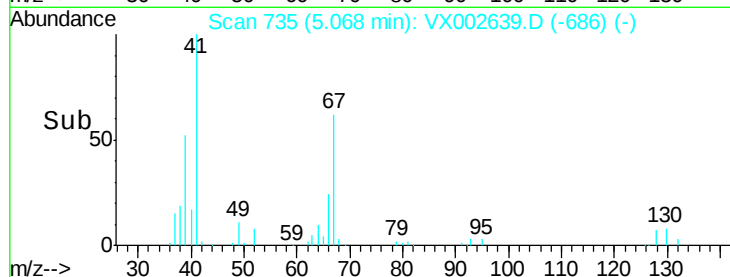
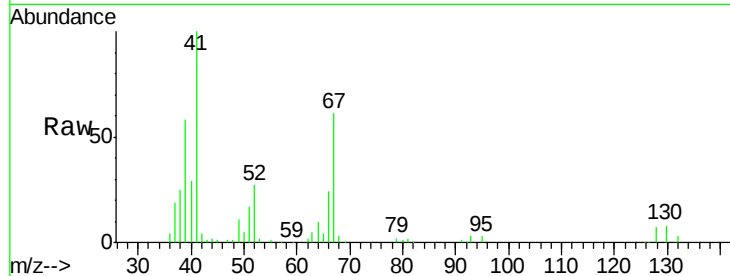
#41
Methacrylonitrile
Concen: 19.19 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX002639.D
Acq: 16 Jun 2018 11:10

Instrument :
MSVOA_X
ClientSampleId :
VX0615WBS03

Tot Ion	Ion	Ratio	Lower	Upper
41104	41	100		
	39	57.2	45.8	68.6
	67	66.6	51.3	76.9
	52	29.9	23.0	34.6

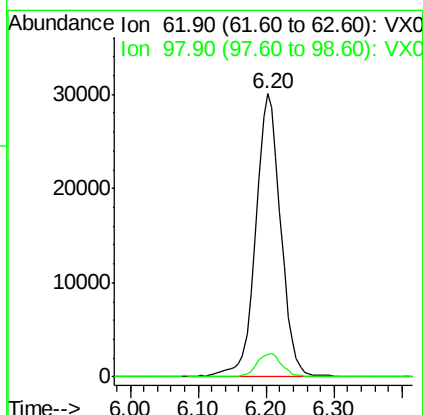
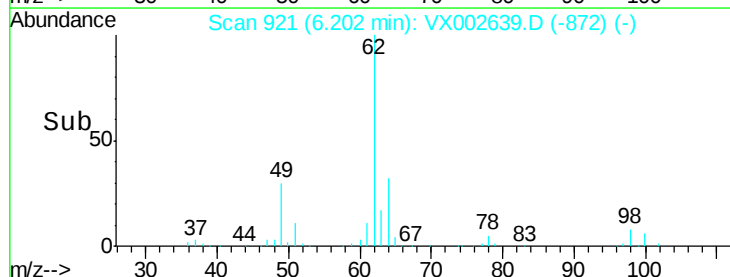
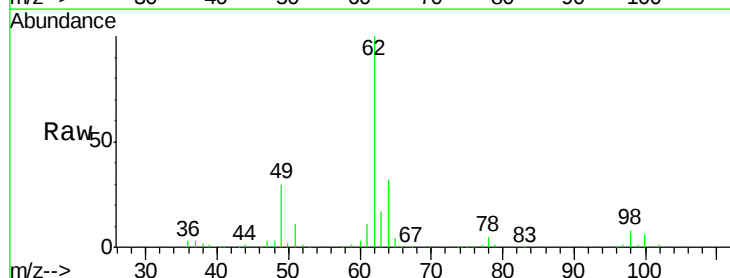
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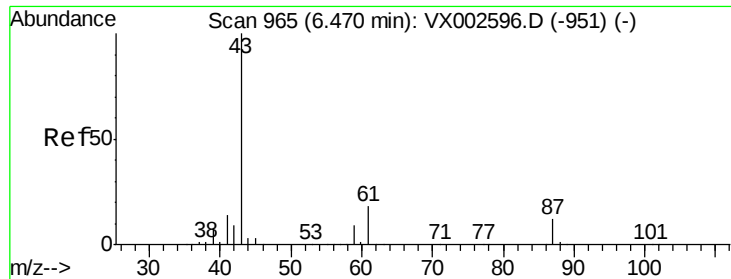
MMDadoda
6/18/2018 5:12:07 PM



#42
1,2-Dichloroethane
Concen: 19.85 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX002639.D
Acq: 16 Jun 2018 11:10

Tgt Ion	Ion	Ratio	Lower	Upper
77212	62	100		
	98	8.4	0.0	16.6





#43

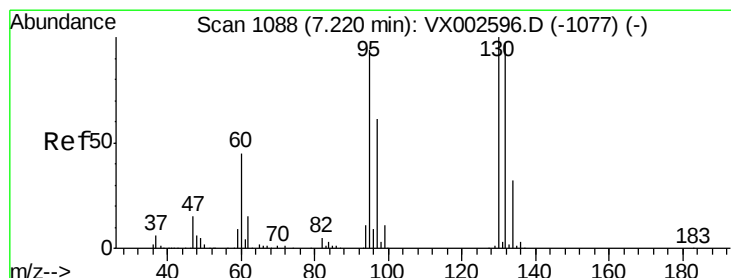
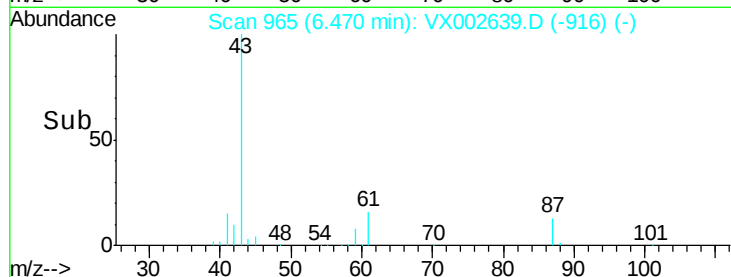
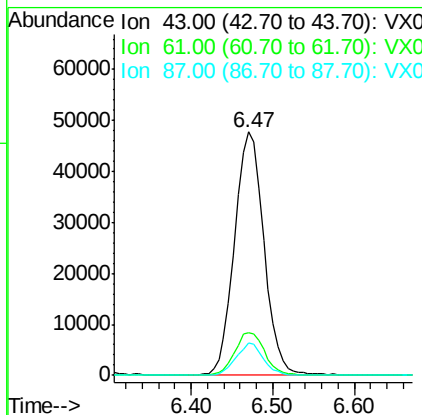
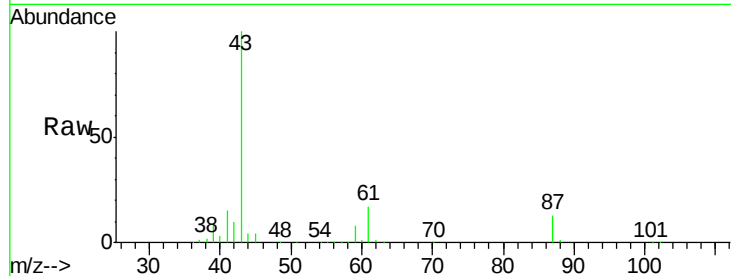
Isopropyl Acetate
 Concen: 18.82 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. 0.00 min
 Lab File: VX002639.D
 Acq: 16 Jun 2018 11:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0615WBS03

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.0	14.4	21.6
87	12.3	9.5	14.3

Manual Integrations
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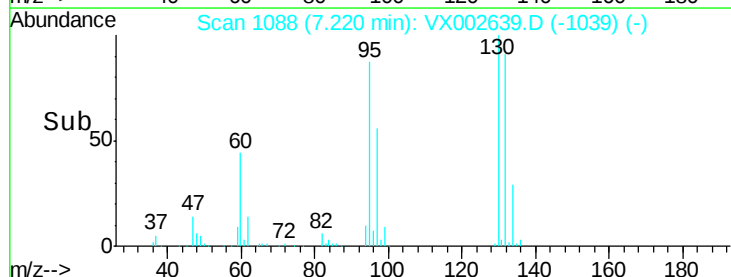
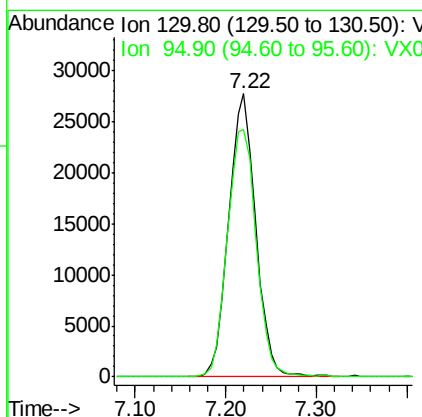
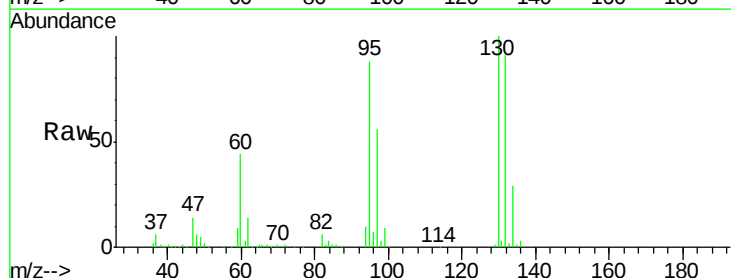
MMDadoda
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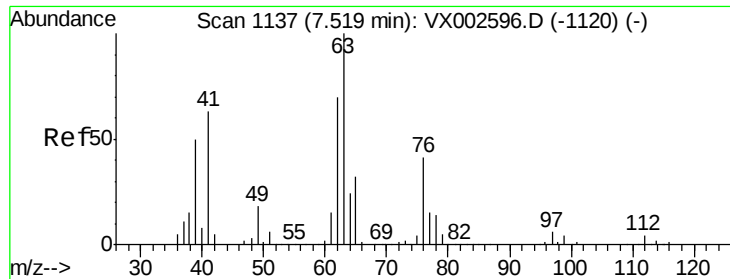


#44

Trichloroethene
 Concen: 19.83 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX002639.D
 Acq: 16 Jun 2018 11:10

Tgt Ion	Ratio	Lower	Upper
130	100		
95	87.5	0.0	185.4





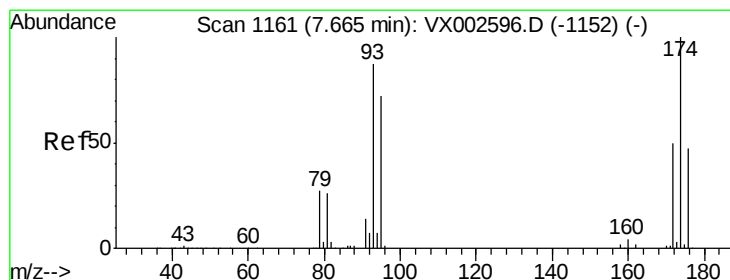
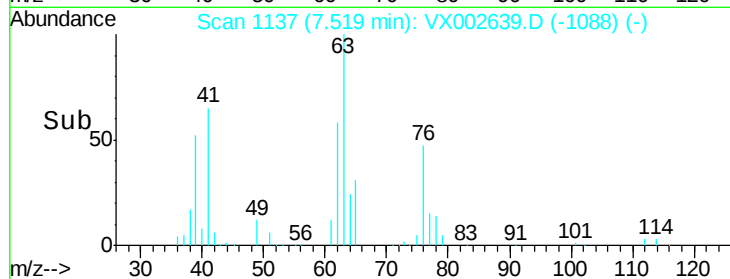
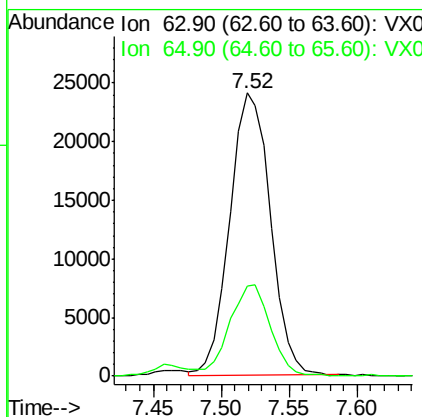
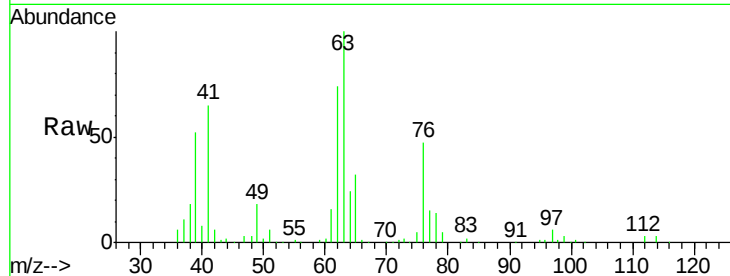
#45
 1,2-Dichloropropane
 Concen: 19.06 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX002639.D
 Acq: 16 Jun 2018 11:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0615WBS03

Tot Ion: 63 Resp: 50392
 Ion Ratio Lower Upper
 63 100
 65 31.7 24.7 37.1

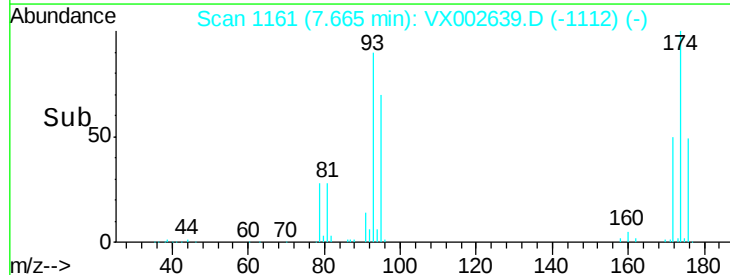
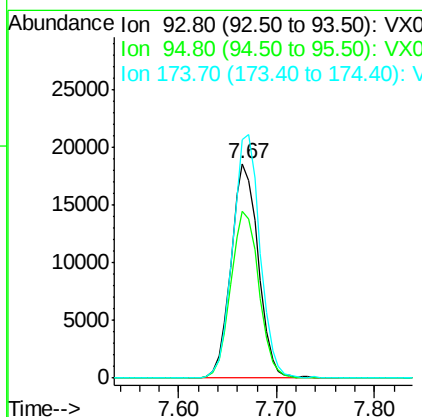
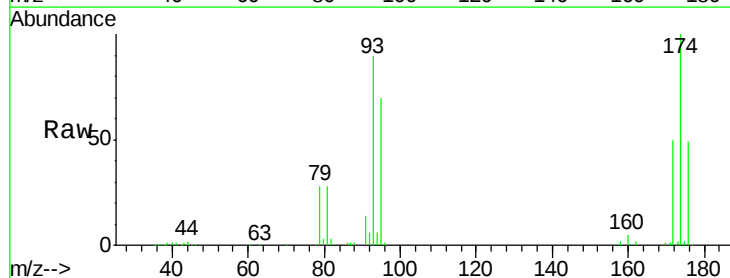
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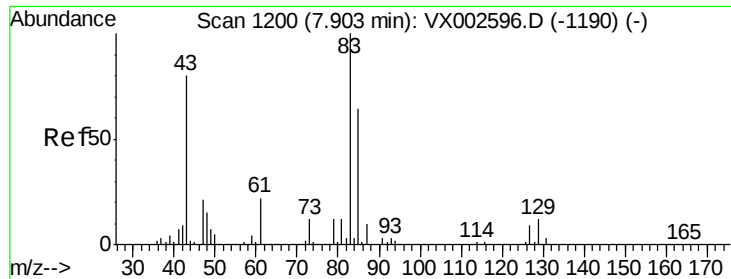
MMDadoda
 6/18/2018 5:12:07 PM



#46
 Dibromomethane
 Concen: 20.24 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX002639.D
 Acq: 16 Jun 2018 11:10

Tgt Ion: 93 Resp: 35811
 Ion Ratio Lower Upper
 93 100
 95 80.6 65.9 98.9
 174 114.1 92.4 138.6





#47

Bromodichloromethane

Concen: 19.55 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX002639.D

Acq: 16 Jun 2018 11:10

Instrument :

MSVOA_X

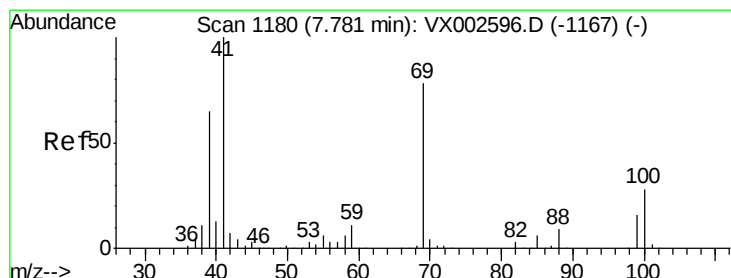
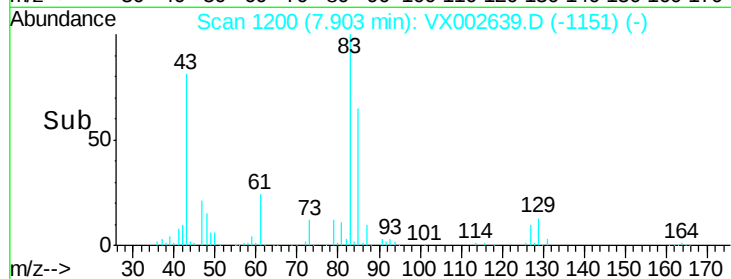
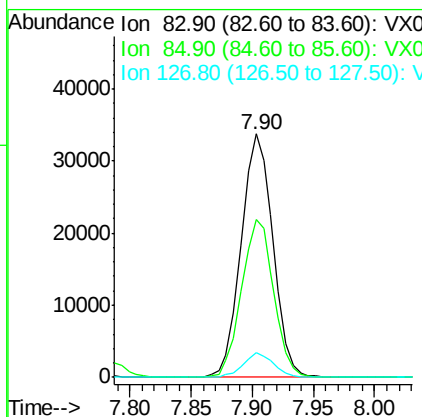
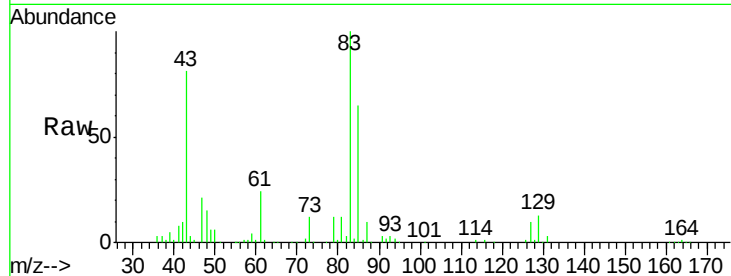
ClientSampleId :

VX0615WBS03

Tot Ion:	83	Resp:	60985
Ion	Ratio	Lower	Upper
83	100		
85	65.1	50.3	75.5
127	10.2	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.26 ug/l

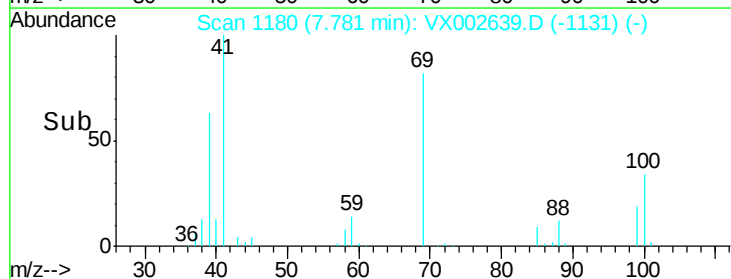
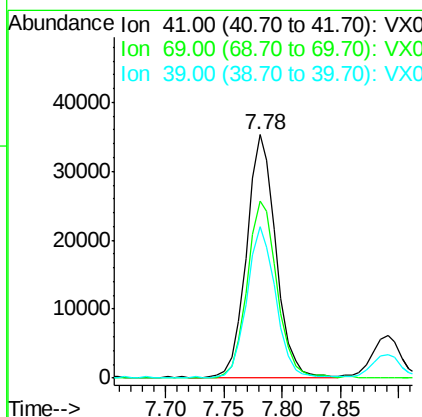
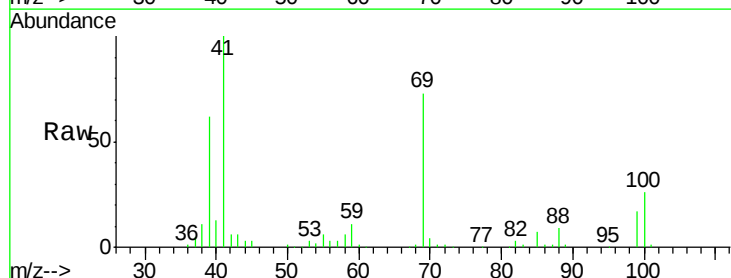
RT: 7.78 min Scan# 1180

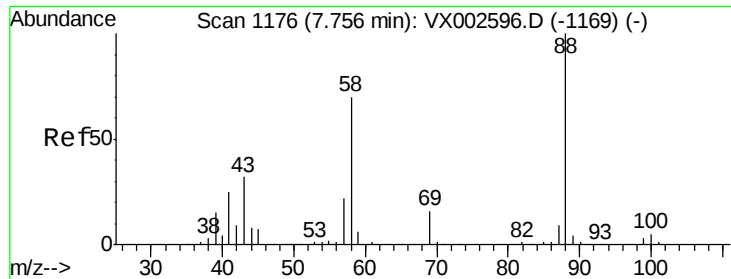
Delta R.T. 0.00 min

Lab File: VX002639.D

Acq: 16 Jun 2018 11:10

Tgt Ion:	41	Resp:	61856
Ion	Ratio	Lower	Upper
41	100		
69	74.8	59.1	88.7
39	60.9	48.9	73.3





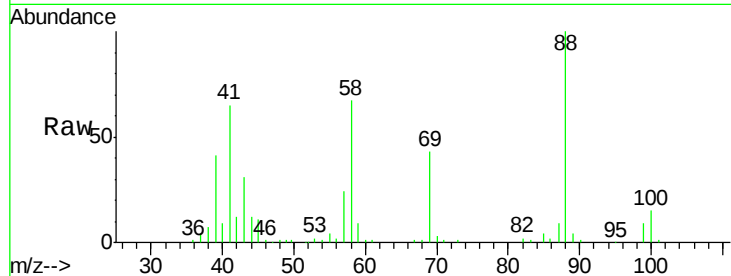
#49
1,4-Dioxane
Concen: 403.13 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX002639.D
Acq: 16 Jun 2018 11:10

Instrument :
MSVOA_X
ClientSampleId :
VX0615WBS03

Tot Ion	Ratio	Lower	Upper
88	100		
43	39.0	29.8	44.6
58	69.7	57.1	85.7

Manual Integrations
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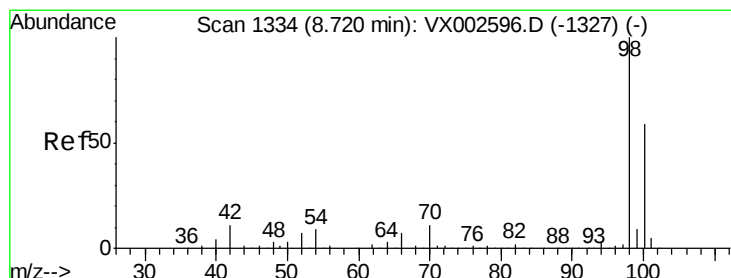
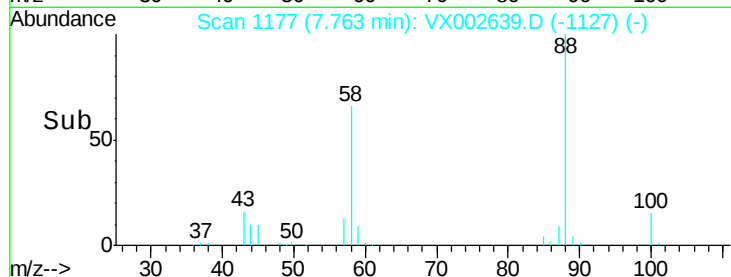
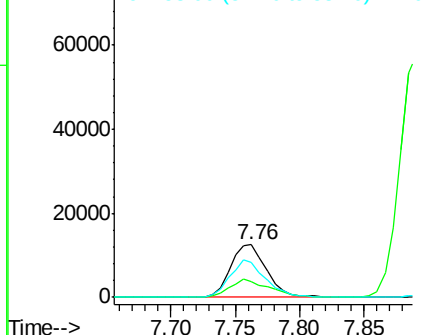


Abundance

Ion 88.00 (87.70 to 88.70): VX0

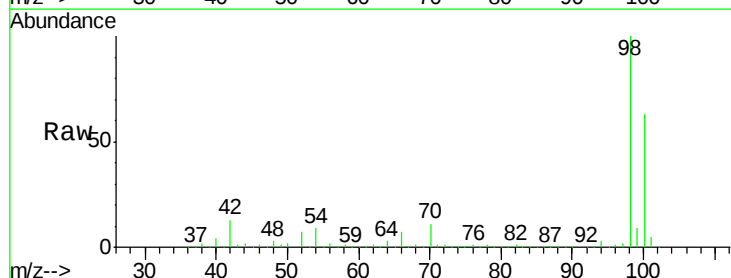
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
Toluene-d8
Concen: 48.67 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002639.D
Acq: 16 Jun 2018 11:10

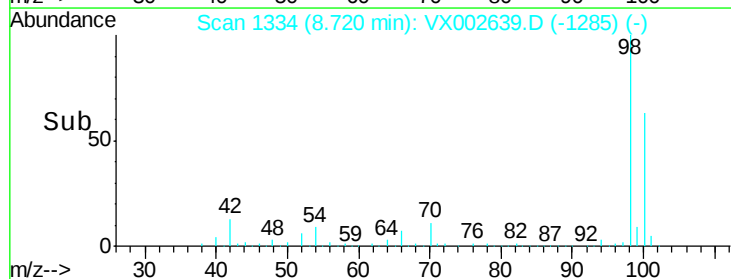
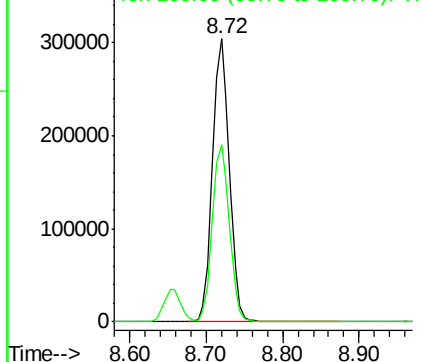
Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.7	50.9	76.3

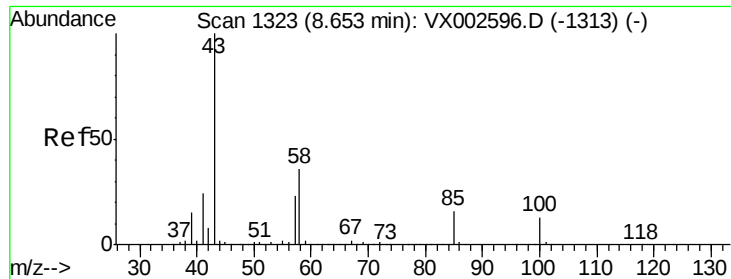


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





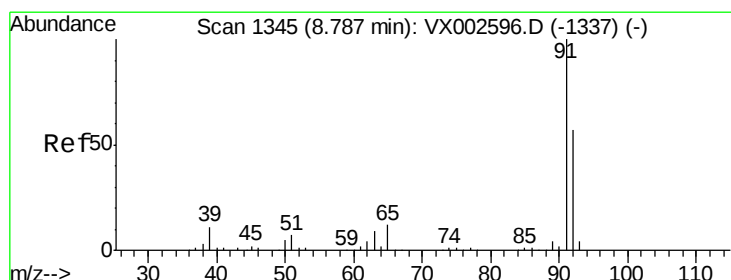
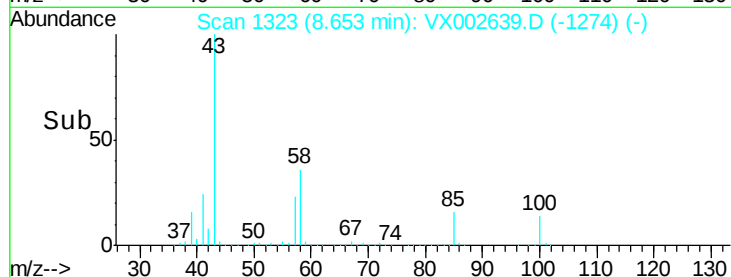
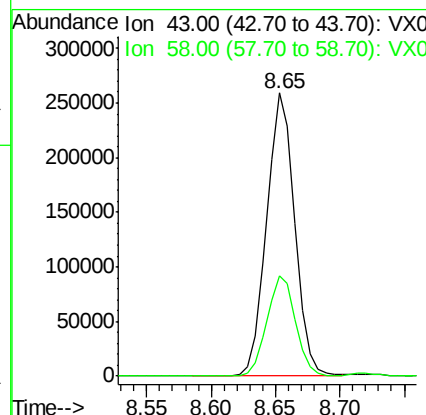
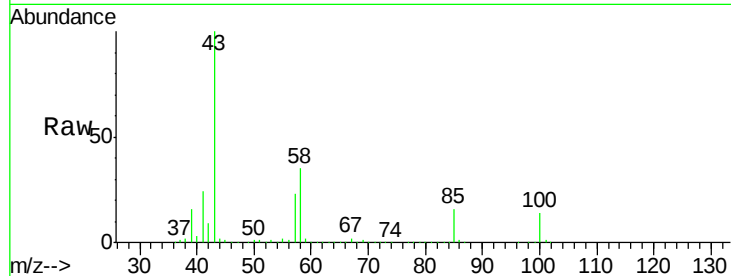
#51
4-Methyl-2-Pentanone
Concen: 96.88 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. 0.00 min
Lab File: VX002639.D
Acq: 16 Jun 2018 11:10

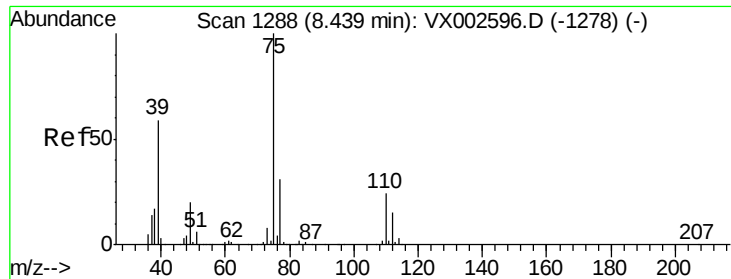
Instrument :
MSVOA_X
ClientSampled :
VX0615WBS03

Tot Ion: 43 Resp: 390870
Ion Ratio Lower Upper
43 100
58 36.2 28.6 42.8

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#53

t-1,3-Dichloropropene

Concen: 19.12 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX002639.D

Acq: 16 Jun 2018 11:10

Instrument :

MSVOA_X

ClientSampleId :

VX0615WBS03

Tot Ion: 75 Resp: 72547

Ion Ratio Lower Upper

75 100

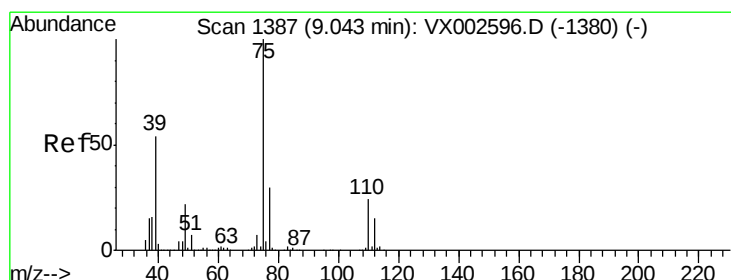
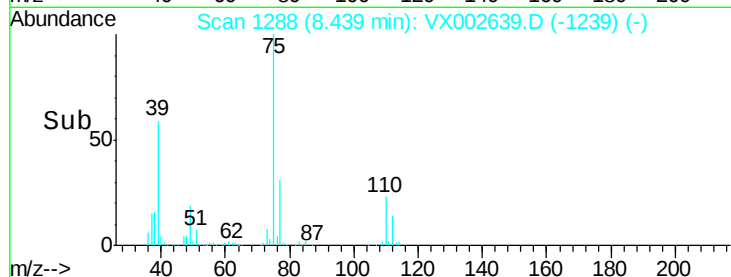
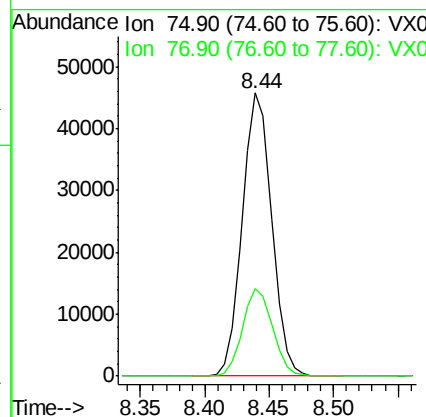
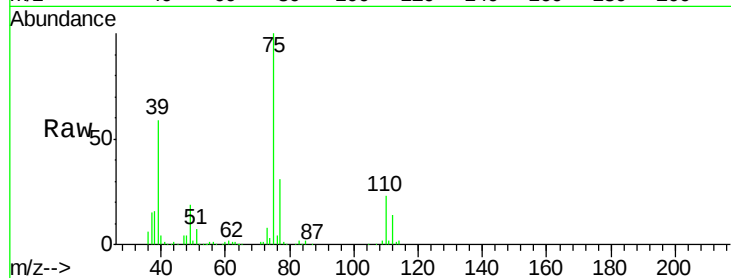
77 31.1 25.4 38.2

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 18.47 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VX002639.D

Acq: 16 Jun 2018 11:10

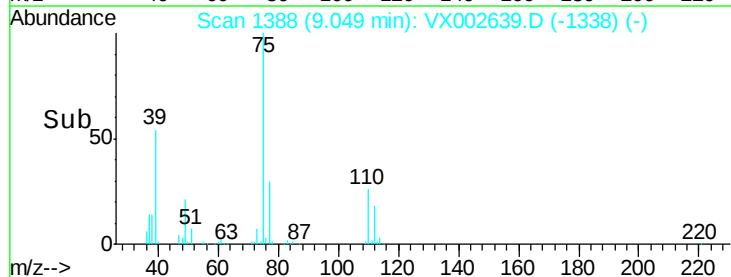
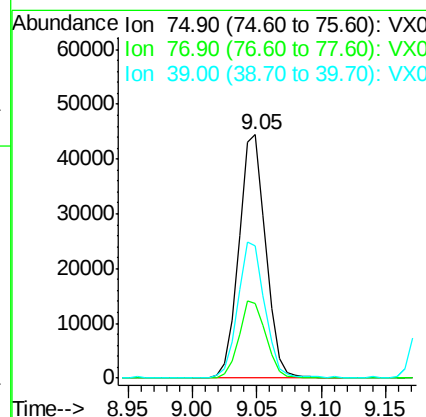
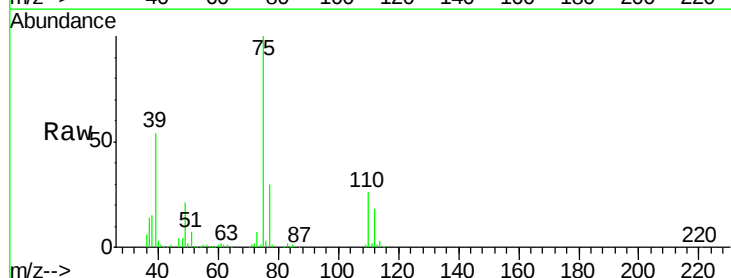
Tgt Ion: 75 Resp: 64253

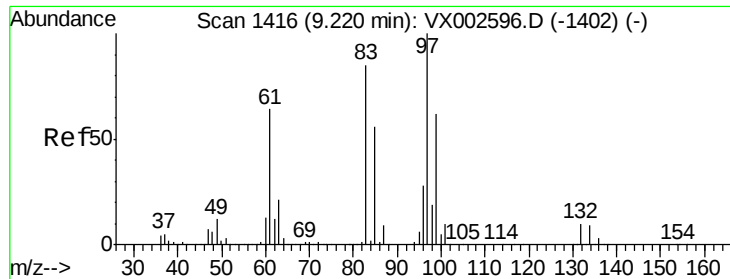
Ion Ratio Lower Upper

75 100

77 30.3 24.8 37.2

39 54.0 42.4 63.6





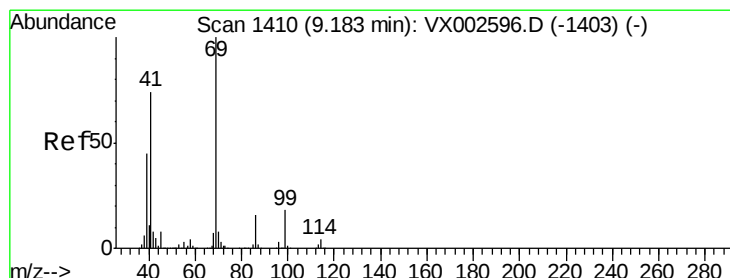
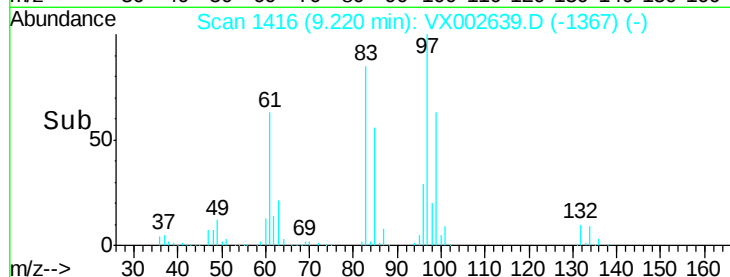
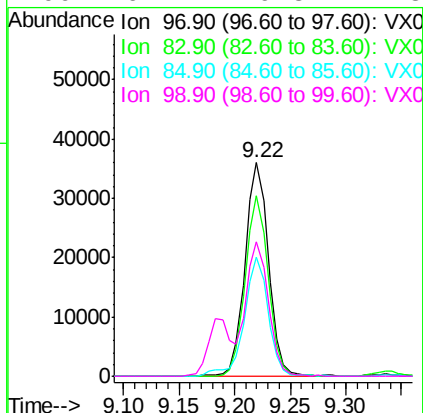
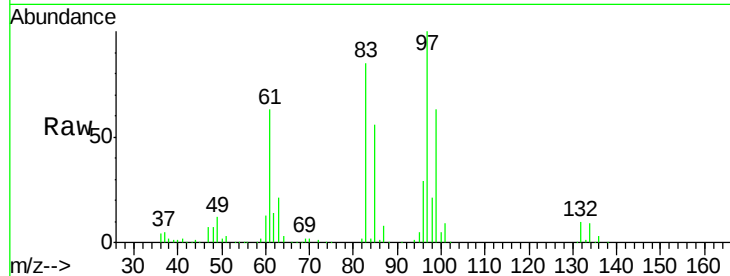
#55
 1,1,2-Trichloroethane
 Concen: 20.38 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX002639.D
 Acq: 16 Jun 2018 11:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0615WBS03

Tot Ion:	97	Resp:	52771
Ion	Ratio	Lower	Upper
97	100		
83	84.5	70.2	105.2
85	55.8	44.9	67.3
99	62.7	49.8	74.8

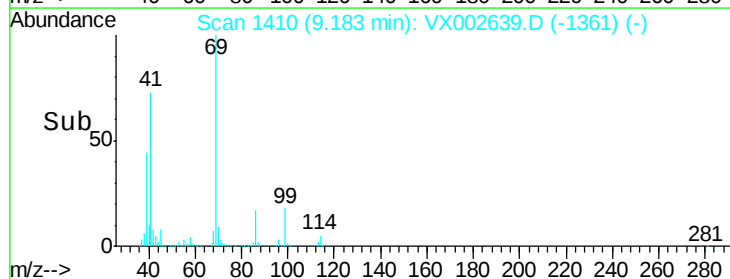
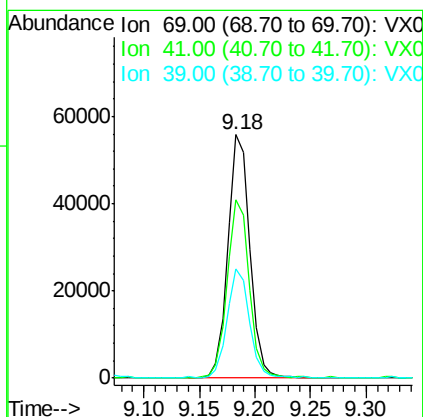
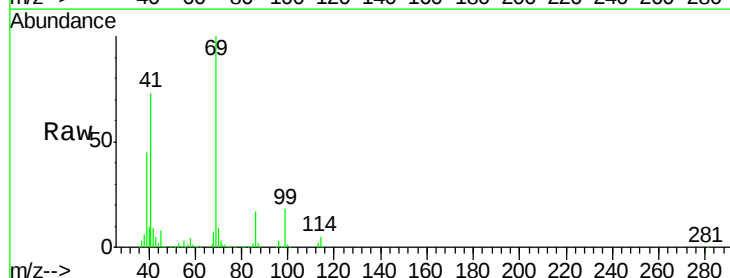
Manual Integrations
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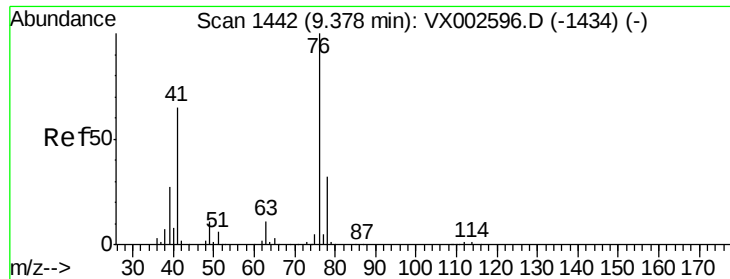
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#56
 Ethyl methacrylate
 Concen: 19.14 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX002639.D
 Acq: 16 Jun 2018 11:10

Tgt Ion:	69	Resp:	76284
Ion	Ratio	Lower	Upper
69	100		
41	72.9	60.3	90.5
39	45.0	35.8	53.8





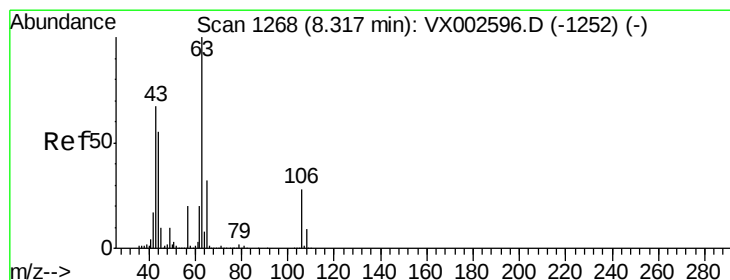
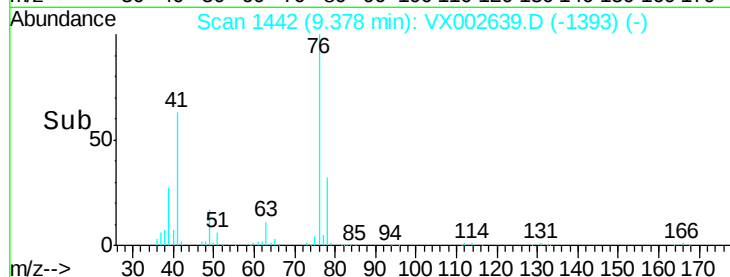
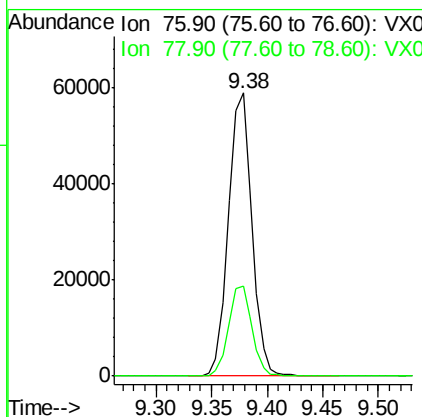
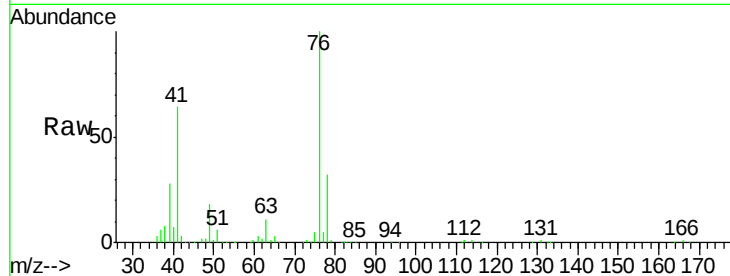
#57
 1,3-Dichloropropane
 Concen: 19.63 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX002639.D
 Acq: 16 Jun 2018 11:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0615WBS03

Tot Ion: 76 Resp: 85968
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.8 38.6

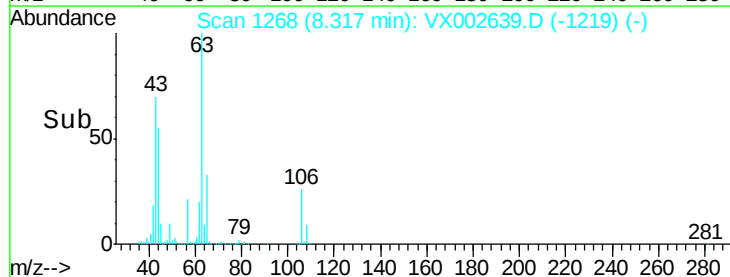
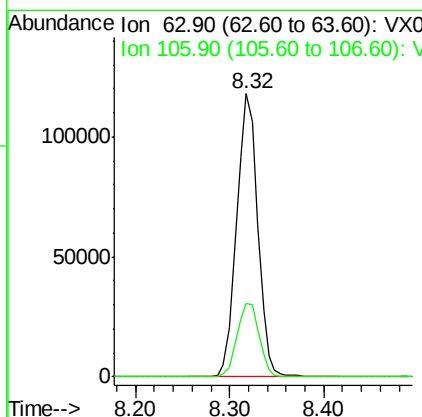
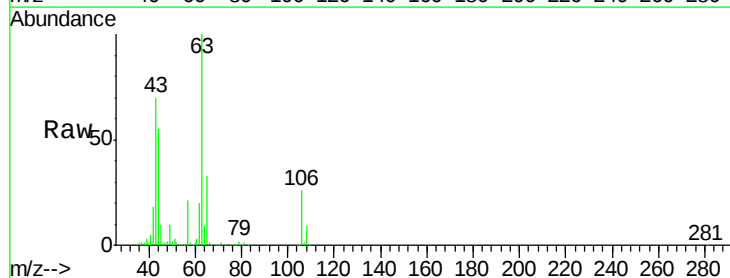
Manual Integrations
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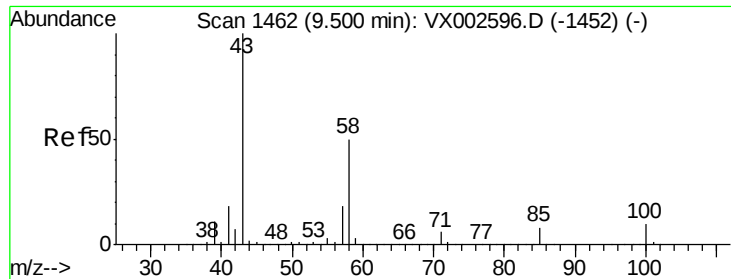
MMDadoda
 6/18/2018 5:12:07 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 95.43 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VX002639.D
 Acq: 16 Jun 2018 11:10

Tgt Ion: 63 Resp: 183969
 Ion Ratio Lower Upper
 63 100
 106 27.3 21.8 32.8





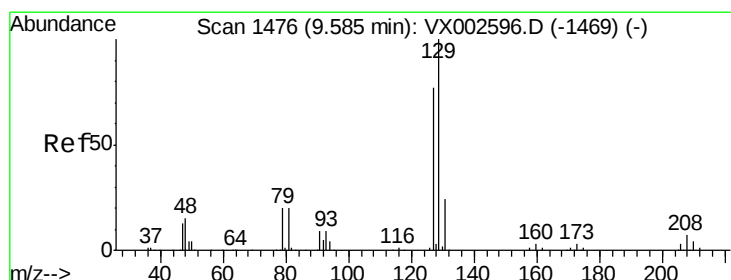
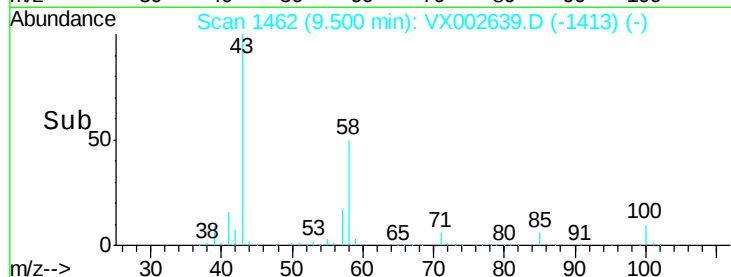
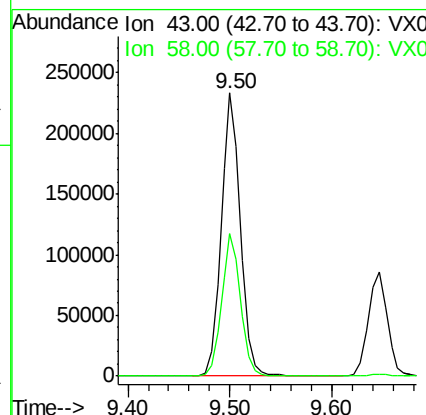
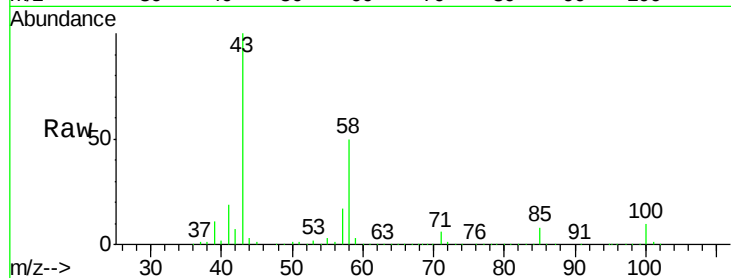
#59
2-Hexanone
Concen: 101.07 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX002639.D
Acq: 16 Jun 2018 11:10

Instrument :
MSVOA_X
ClientSampleId :
VX0615WBS03

Tot Ion: 43 Resp: 307282
Ion Ratio Lower Upper
43 100
58 49.7 24.6 73.6

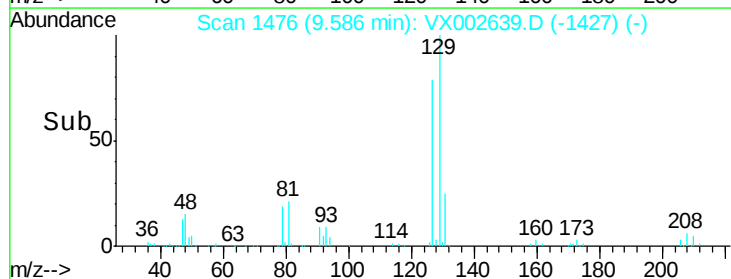
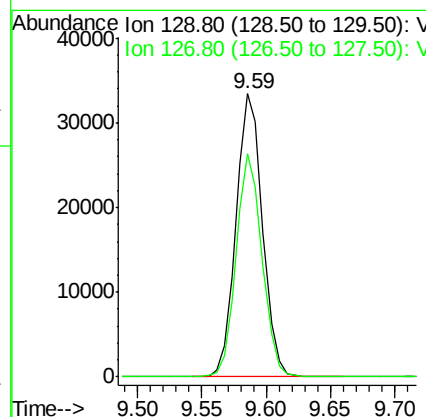
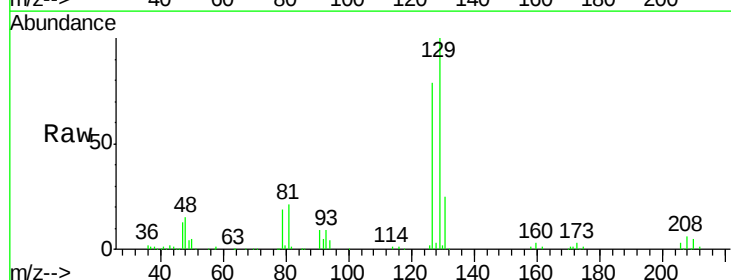
Manual Integrations
APPROVED

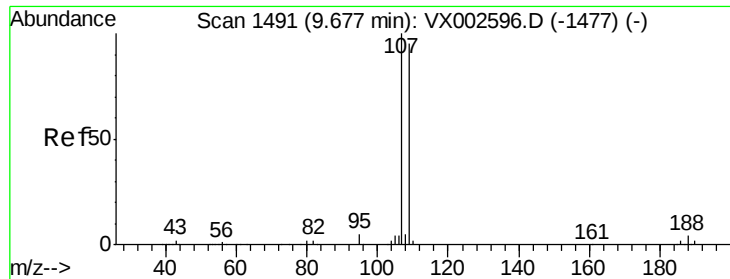
MMDadoda
6/18/2018 5:12:07 PM



#60
Dibromochloromethane
Concen: 18.97 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX002639.D
Acq: 16 Jun 2018 11:10

Tgt Ion: 129 Resp: 47906
Ion Ratio Lower Upper
129 100
127 77.1 38.5 115.3





#61

1,2-Dibromoethane

Concen: 19.93 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX002639.D

Acq: 16 Jun 2018 11:10

Instrument :

MSVOA_X

ClientSampleId :

VX0615WBS03

Tot Ion:107 Resp: 53447

Ion Ratio Lower Upper

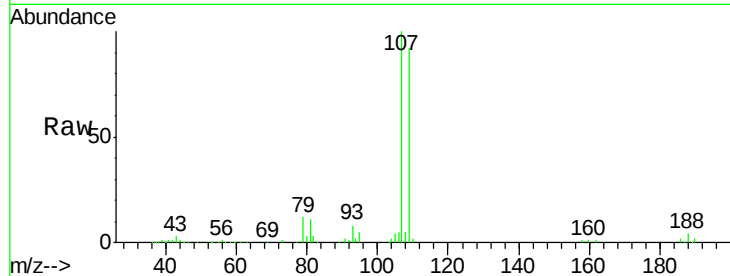
107 100

109 94.7 75.3 112.9

Manual Integrations
APPROVED

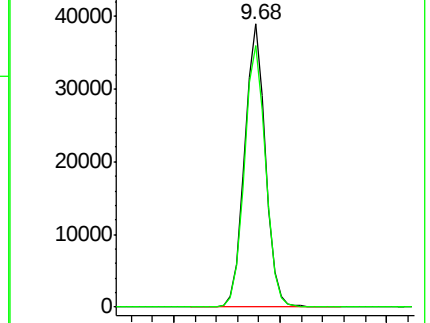
MMDadoda

6/18/2018 5:12:07 PM

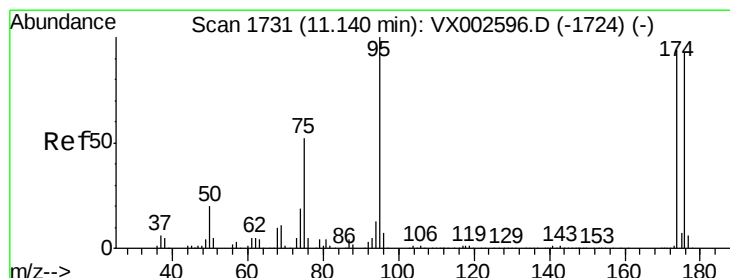
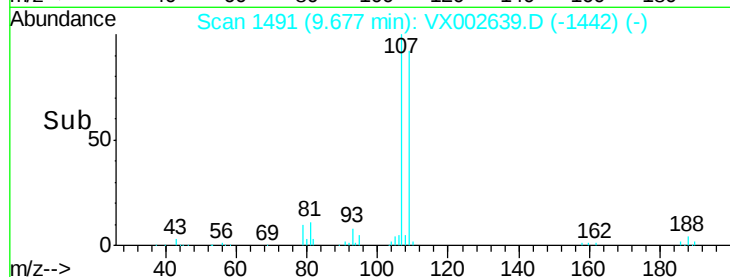


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



Time-->



#62

4-Bromofluorobenzene

Concen: 46.95 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002639.D

Acq: 16 Jun 2018 11:10

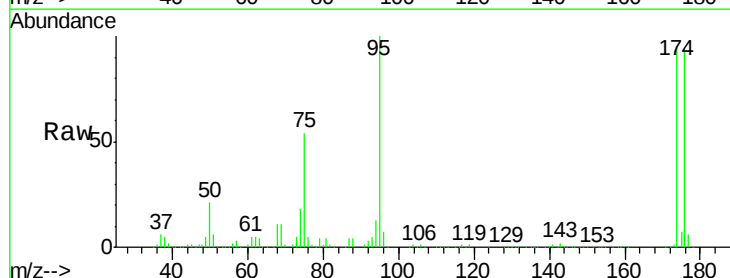
Tgt Ion: 95 Resp: 170085

Ion Ratio Lower Upper

95 100

174 97.1 0.0 187.4

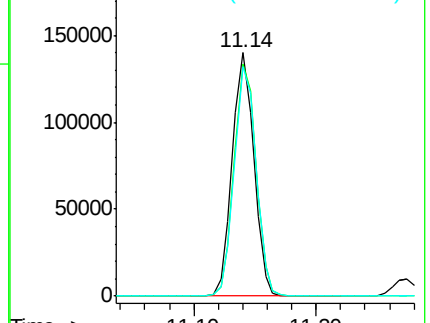
176 95.2 0.0 181.0



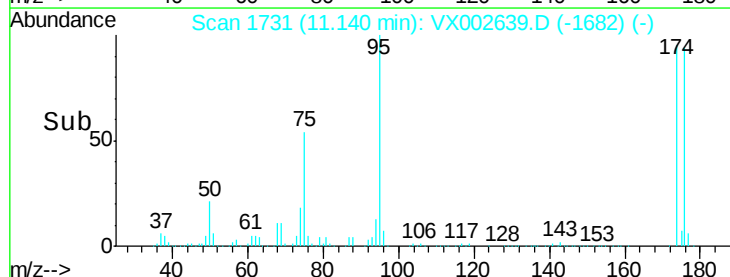
Abundance Ion 94.90 (94.60 to 95.60): VX0

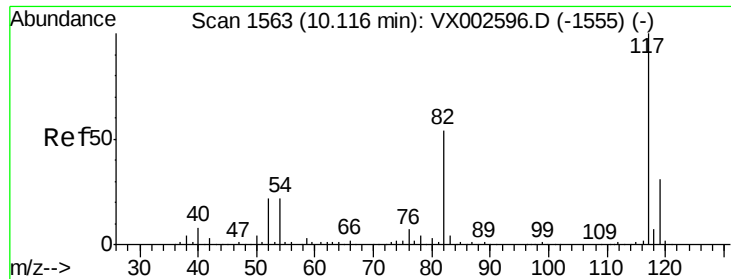
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->





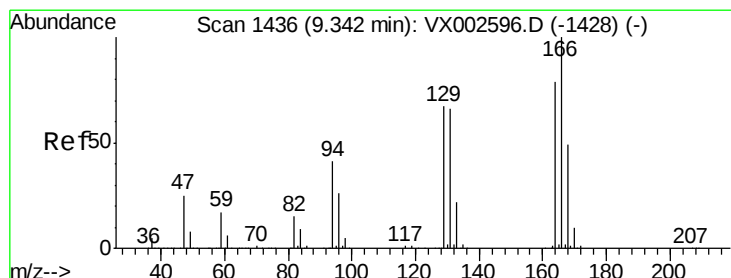
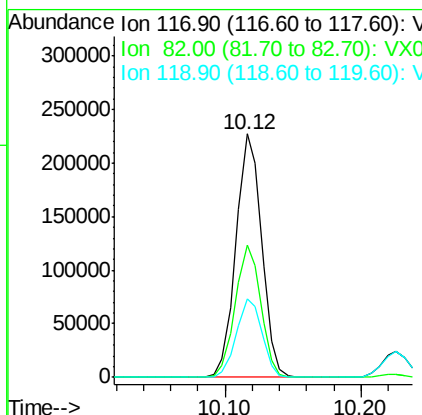
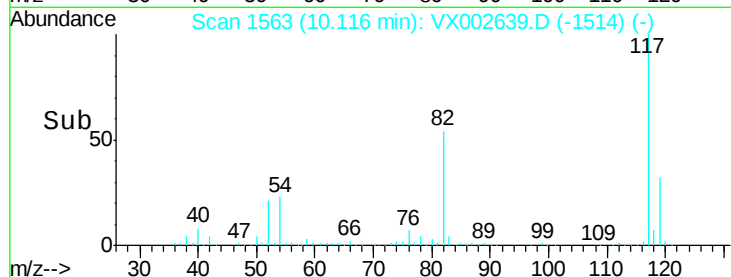
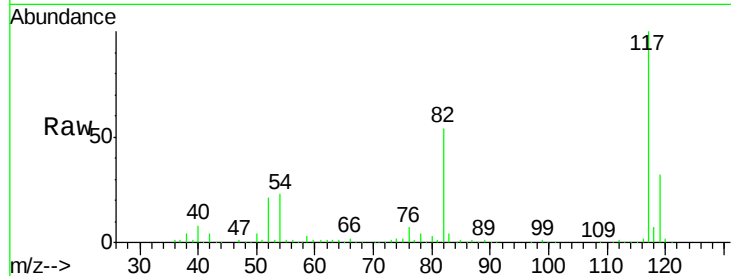
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002639.D
Acq: 16 Jun 2018 11:10

Instrument :
MSVOA_X
ClientSampleId :
VX0615WBS03

Tot Ion	Ratio	Resp	Lower	Upper
117	100	299526		
82	54.3	45.0	67.4	
119	32.1	25.8	38.6	

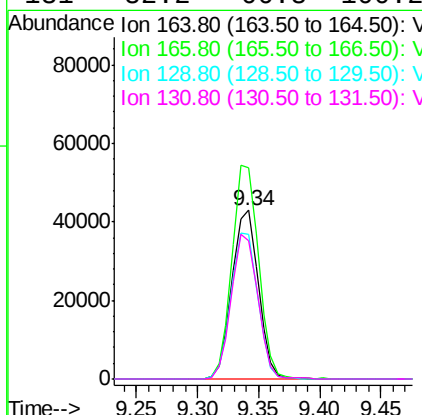
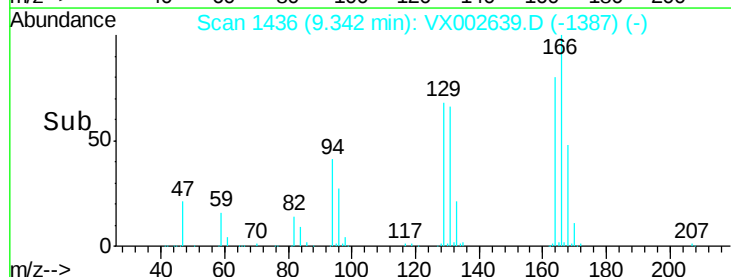
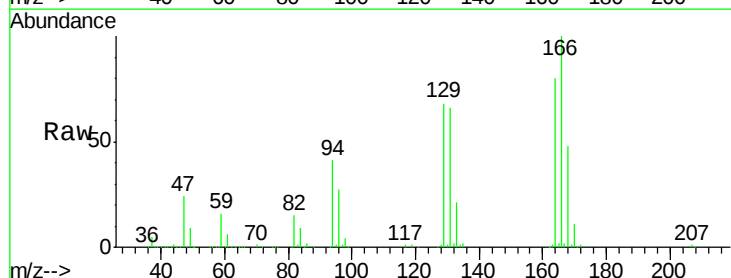
Manual Integrations
APPROVED

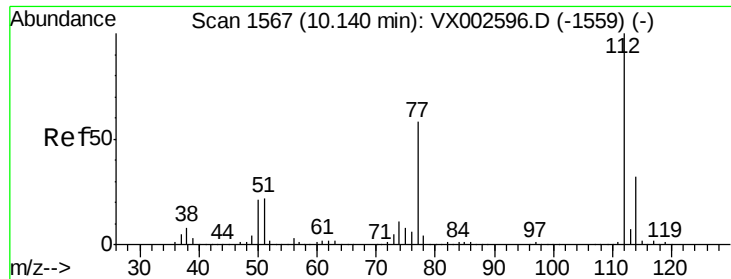
MMDadoda
6/18/2018 5:12:07 PM



#64
Tetrachloroethene
Concen: 19.18 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX002639.D
Acq: 16 Jun 2018 11:10

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	63774		
166	125.2	102.9	154.3	
129	85.6	68.6	102.8	
131	82.2	66.8	100.2	





#65

Chlorobenzene

Concen: 21.57 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX002639.D

Acq: 16 Jun 2018 11:10

Instrument :

MSVOA_X

ClientSampled :

VX0615WBS03

Tot Ion:112 Resp: 158654

Ion Ratio Lower Upper

112 100

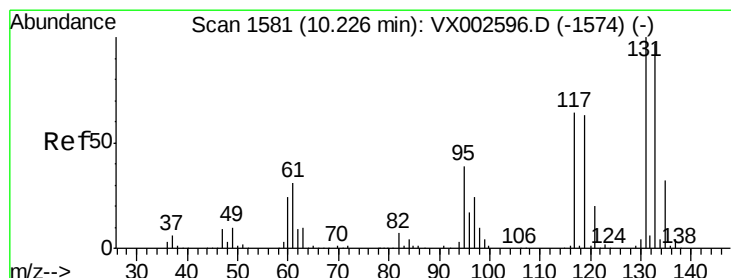
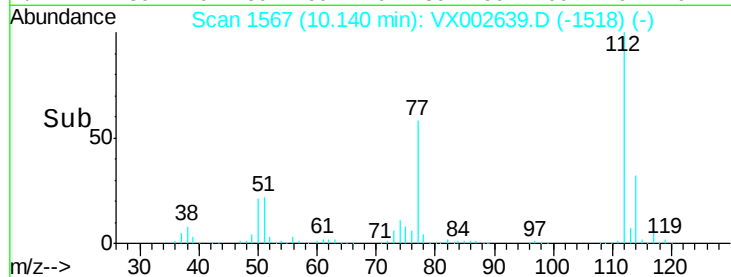
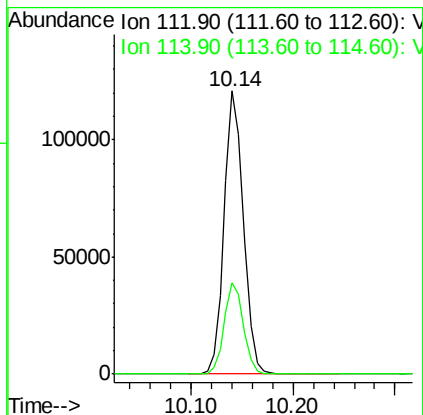
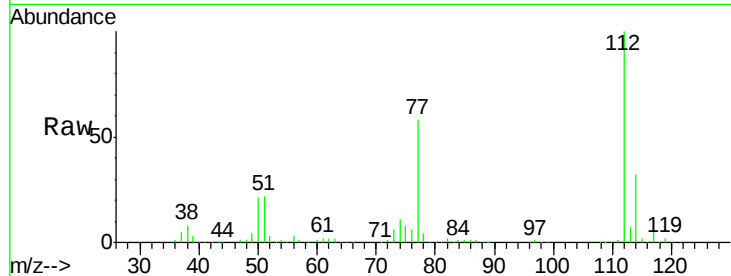
114 32.2 25.3 37.9

Manual Integrations

APPROVED

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6/18/2018 5:12:07 PM



#66

1,1,1,2-Tetrachloroethane

Concen: 20.13 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX002639.D

Acq: 16 Jun 2018 11:10

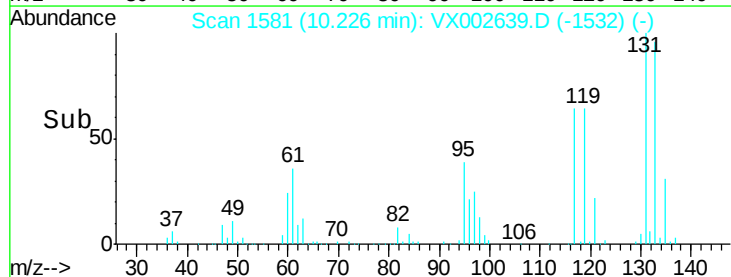
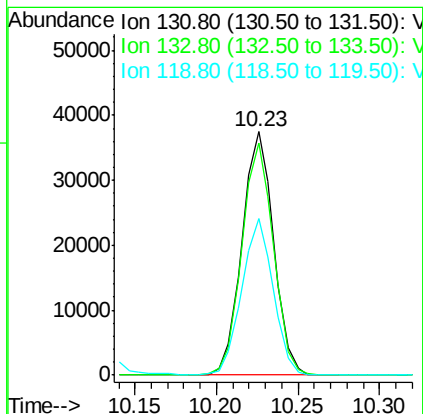
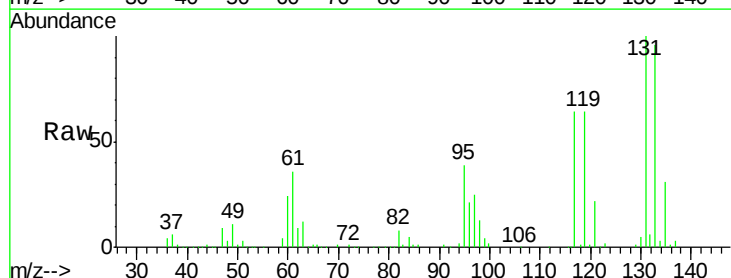
Tgt Ion:131 Resp: 50475

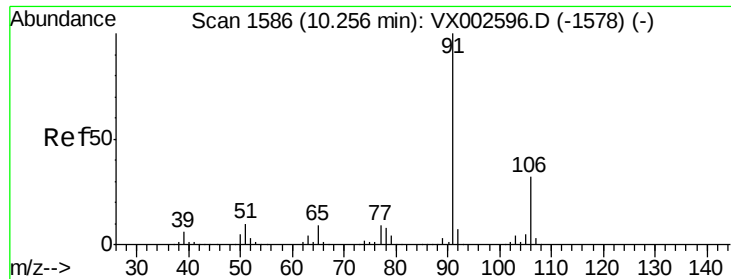
Ion Ratio Lower Upper

131 100

133 95.4 47.9 143.6

119 64.2 31.8 95.3





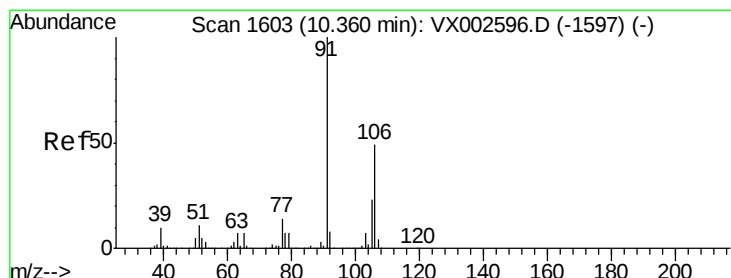
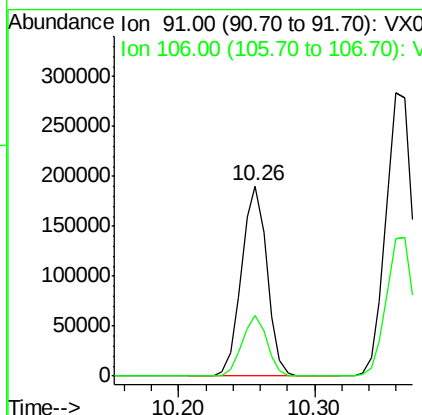
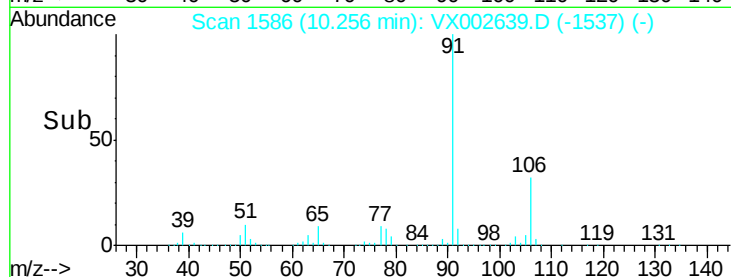
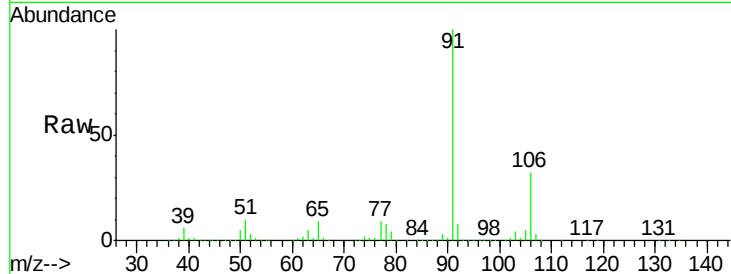
#67
Ethyl Benzene
Concen: 20.11 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX002639.D
Acq: 16 Jun 2018 11:10

Instrument :
MSVOA_X
ClientSampleId :
VX0615WBS03

Tot Ion: 91 Resp: 249475
Ion Ratio Lower Upper
91 100
106 31.9 25.5 38.3

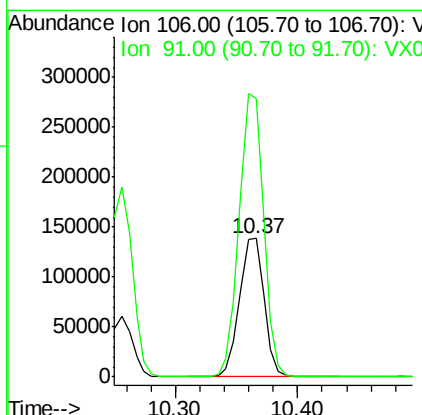
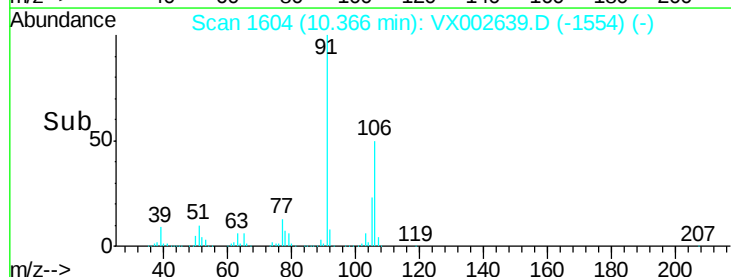
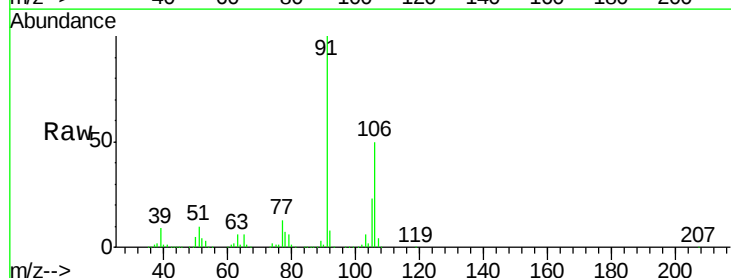
Manual Integrations
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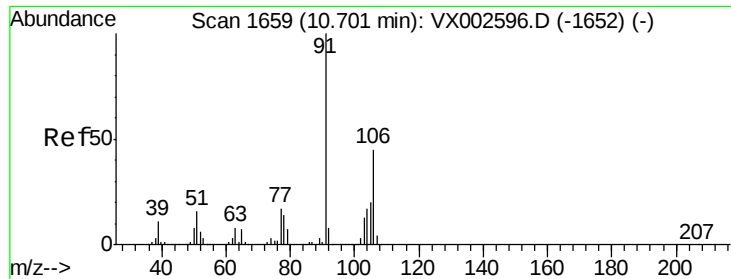
MMDadoda
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#68
m/p-Xylenes
Concen: 40.34 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.01 min
Lab File: VX002639.D
Acq: 16 Jun 2018 11:10

Tgt Ion: 106 Resp: 193073
Ion Ratio Lower Upper
106 100
91 203.5 163.4 245.2





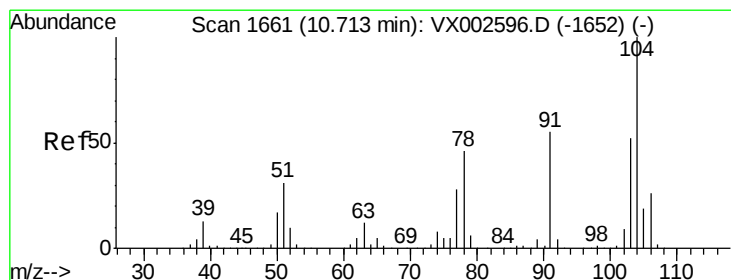
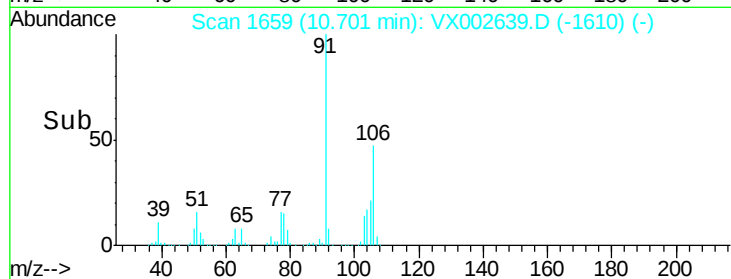
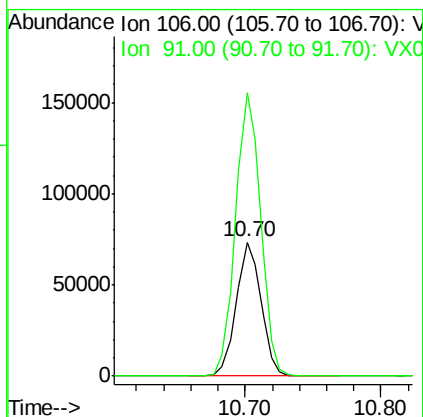
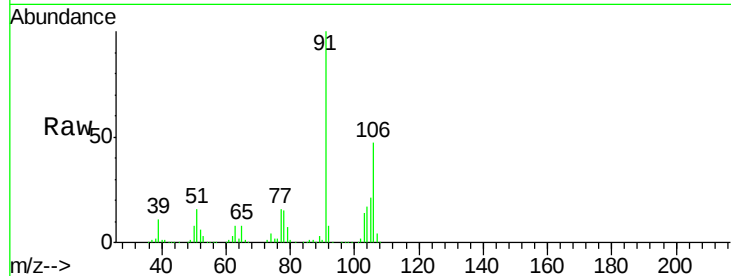
#69
o-Xylene
Concen: 19.81 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX002639.D
Acq: 16 Jun 2018 11:10

Instrument :
MSVOA_X
ClientSampled :
VX0615WBS03

Tot Ion:106 Resp: 93148
Ion Ratio Lower Upper
106 100
91 213.9 108.2 324.6

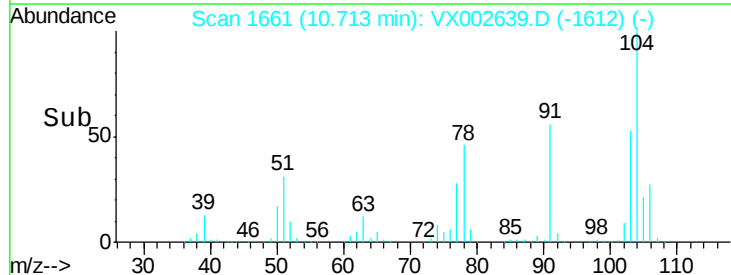
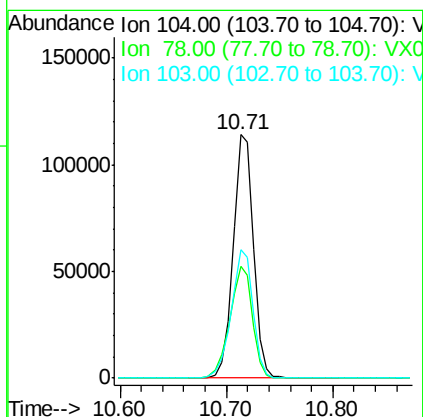
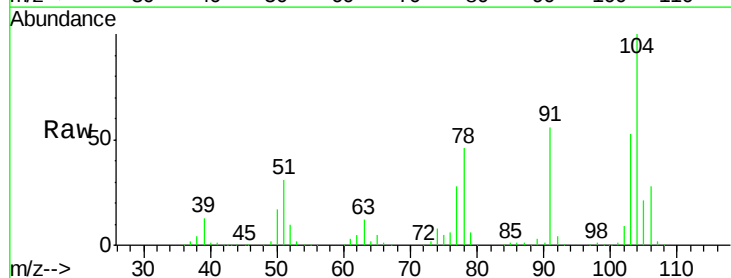
Manual Integrations
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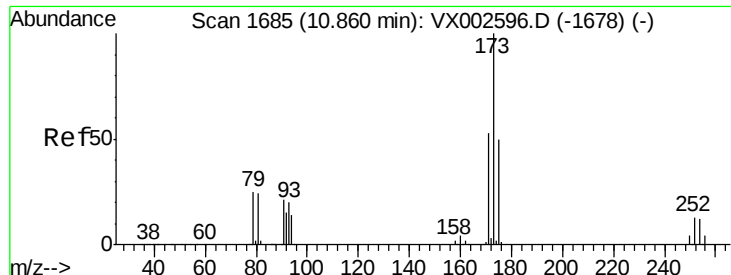
MMDadoda
6/18/2018 5:12:07 PM



#70
Styrene
Concen: 19.77 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX002639.D
Acq: 16 Jun 2018 11:10

Tgt Ion:104 Resp: 152889
Ion Ratio Lower Upper
104 100
78 51.0 41.0 61.6
103 56.3 44.2 66.4





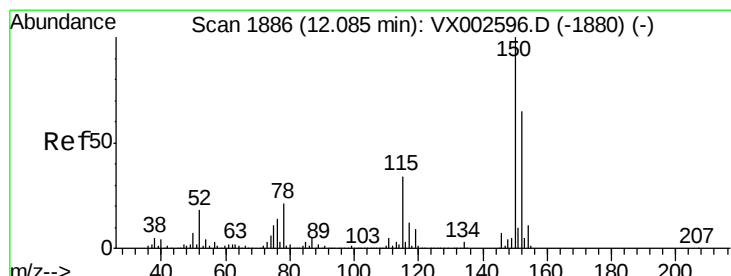
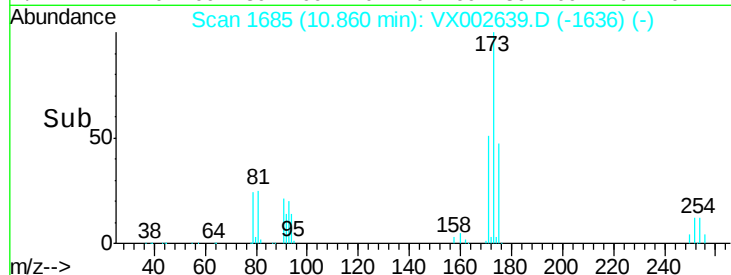
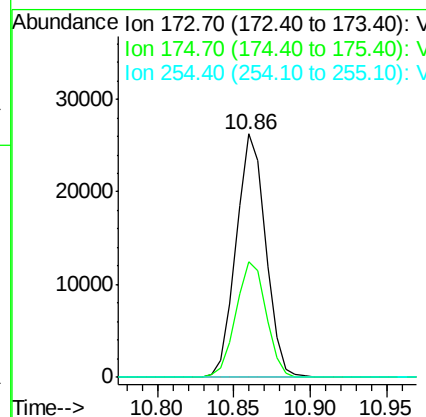
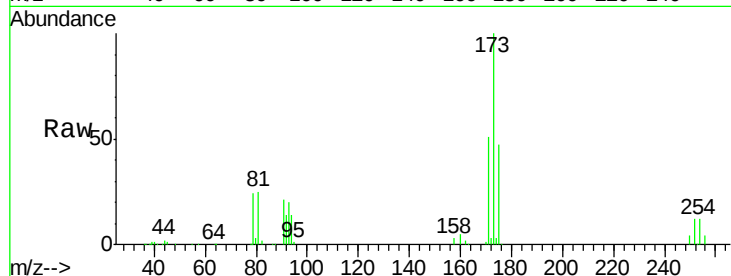
#71
Bromoform
Concen: 18.67 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX002639.D
Acq: 16 Jun 2018 11:10

Instrument :
MSVOA_X
ClientSampleId :
VX0615WBS03

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.7	74.1
254	0.0	0.2	0.2

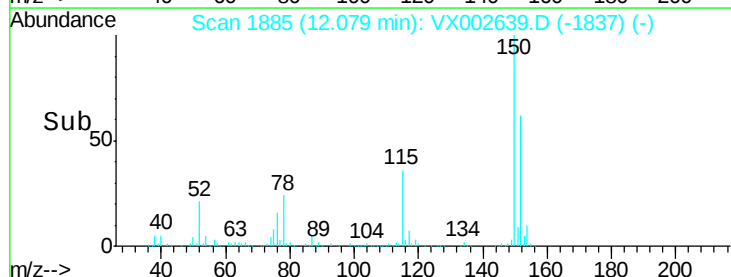
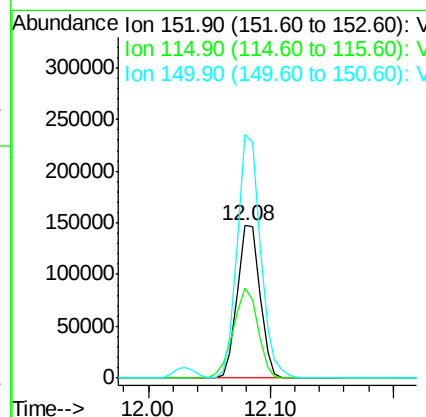
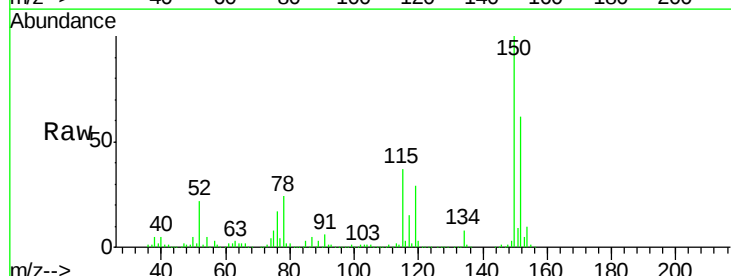
Manual Integrations
APPROVED

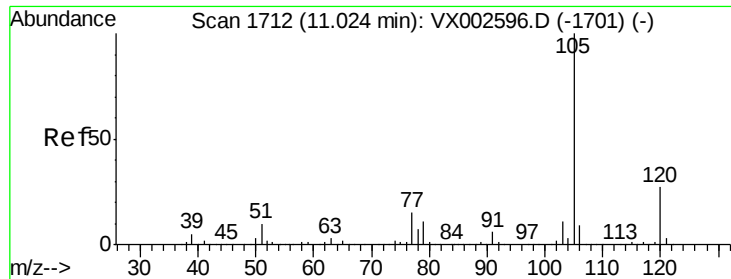
MMDadoda
6/18/2018 5:12:07 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX002639.D
Acq: 16 Jun 2018 11:10

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.3	40.1	120.2
150	164.3	0.0	347.2





#73

Isopropylbenzene

Concen: 20.67 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX002639.D

Acq: 16 Jun 2018 11:10

Instrument :

MSVOA_X

ClientSampleId :

VX0615WBS03

Tot Ion: 105 Resp: 258416

Ion Ratio Lower Upper

105 100

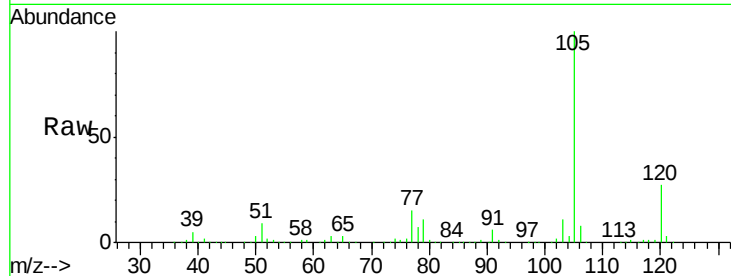
120 26.7 13.5 40.4

Manual Integrations

APPROVED

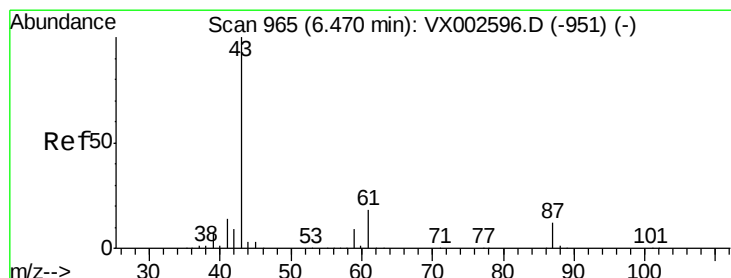
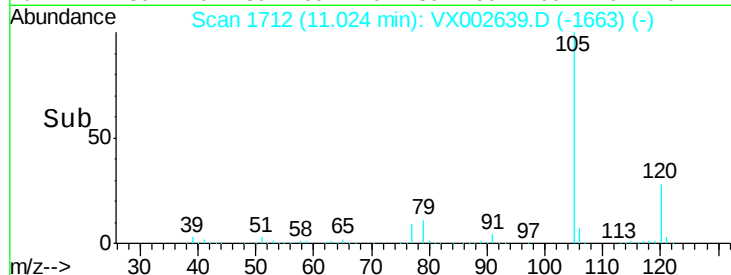
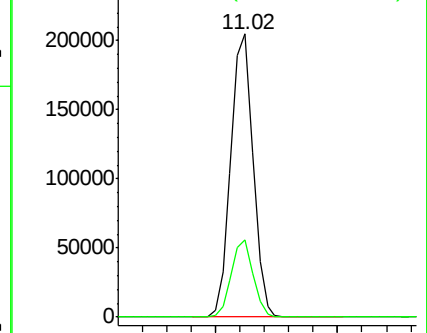
MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.04 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX002639.D

Acq: 16 Jun 2018 11:10

Tgt Ion: 43 Resp: 118271

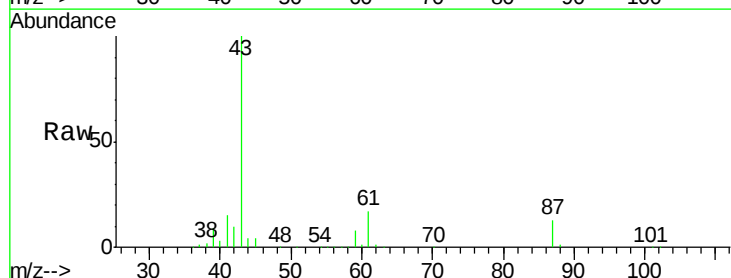
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0#

55 0.0 0.0 0.0#

61 18.0 14.4 21.6

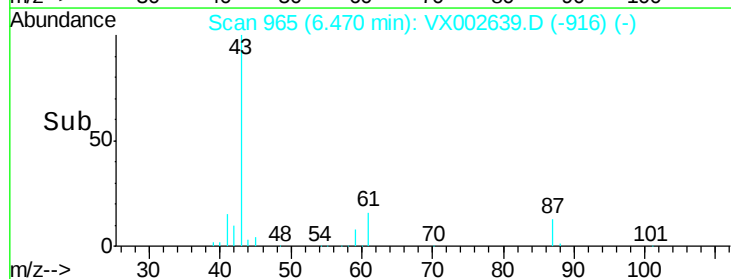
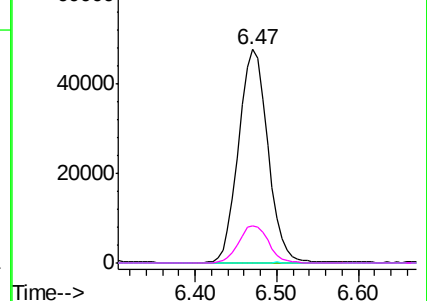


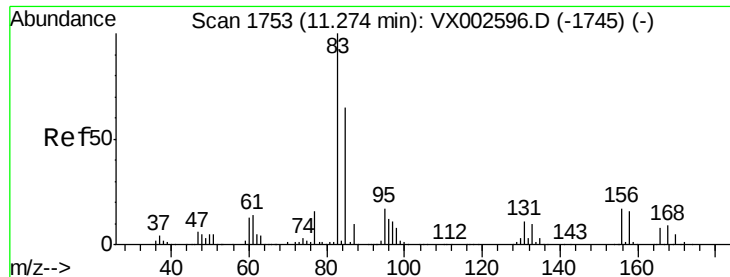
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.68 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX002639.D

Acq: 16 Jun 2018 11:10

Instrument :

MSVOA_X

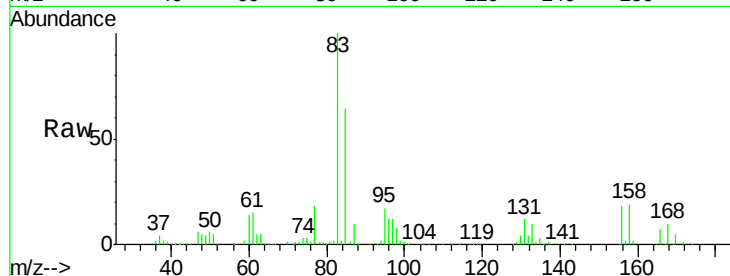
ClientSampleId :

VX0615WBS03

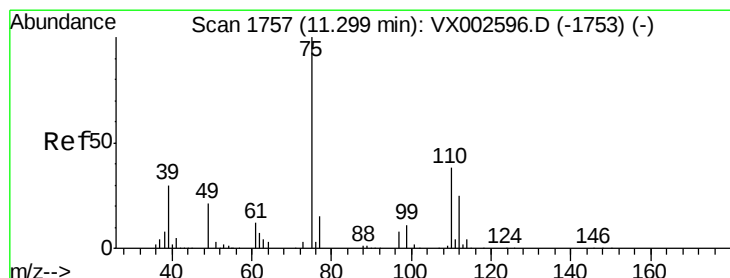
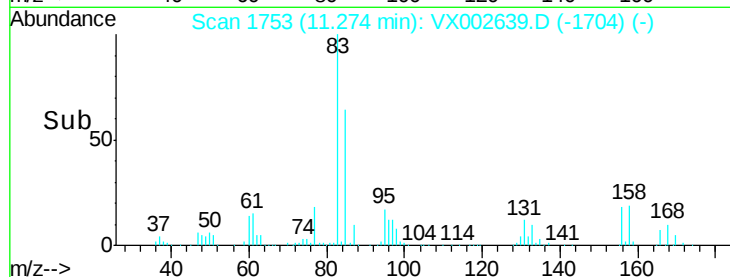
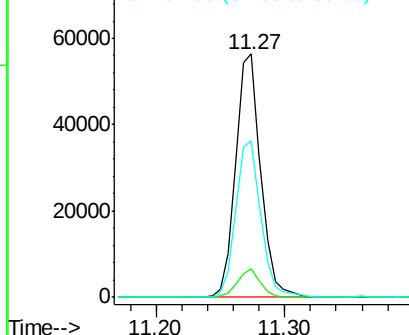
Tot Ion:	83	Resp:	76361
Ion Ratio	Lower	Upper	
83	100		
131	10.8	5.6	16.8
85	64.7	32.4	97.2

Manual Integrations
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6/18/2018 5:12:07 PM



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 20.88 ug/l m

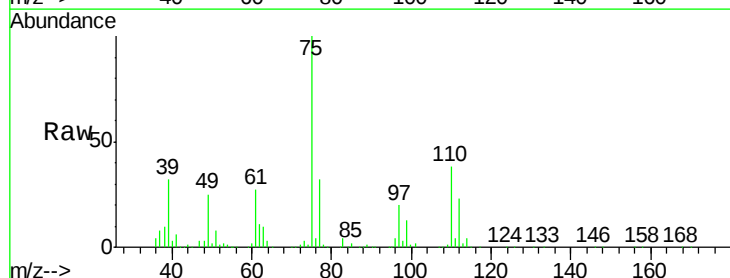
RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

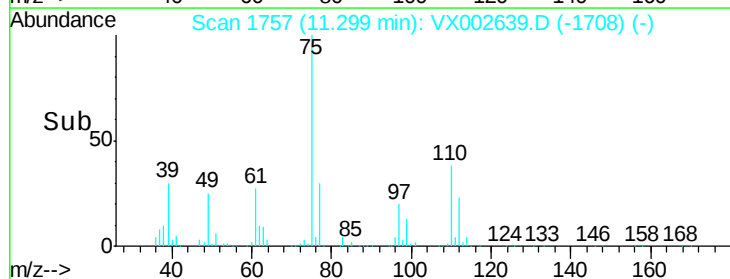
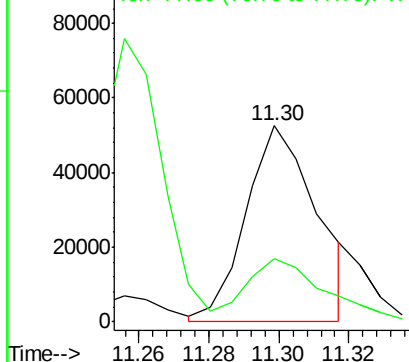
Lab File: VX002639.D

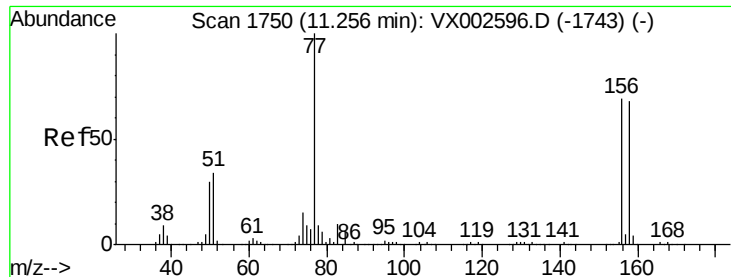
Acq: 16 Jun 2018 11:10

Tgt Ion:	75	Resp:	73651
Ion Ratio	Lower	Upper	
75	100		
77	35.9	22.8	68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.71 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.01 min

Lab File: VX002639.D

Acq: 16 Jun 2018 11:10

Instrument :

MSVOA_X

ClientSampleId :

VX0615WBS03

Tot Ion:156 Resp: 68666

Ion Ratio Lower Upper

156 100

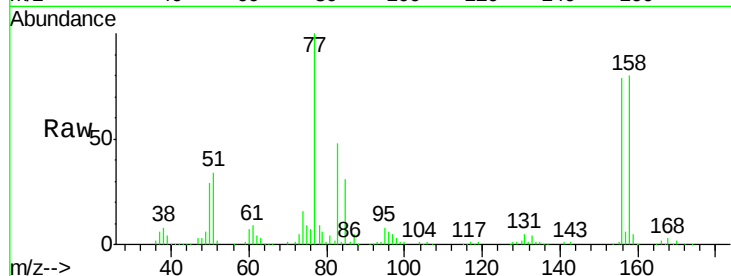
77 140.9 71.4 214.2

158 101.7 48.9 146.6

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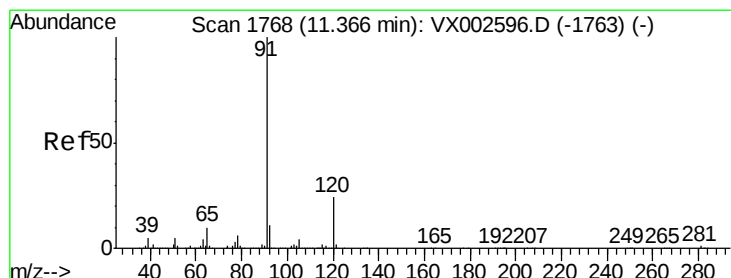
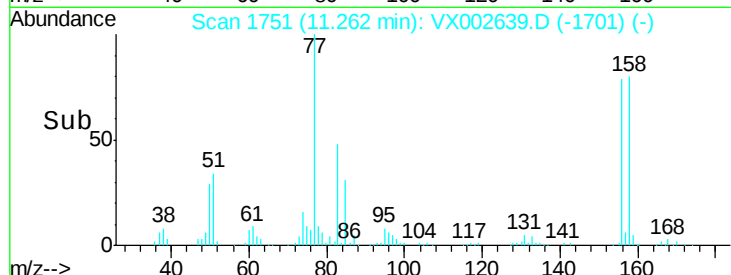
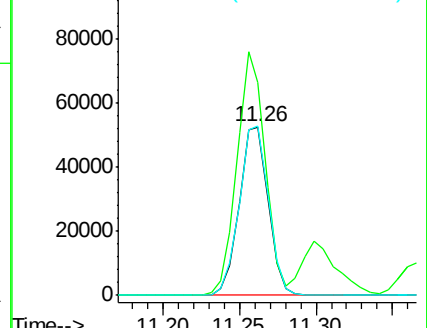
6/18/2018 5:12:07 PM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.25 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX002639.D

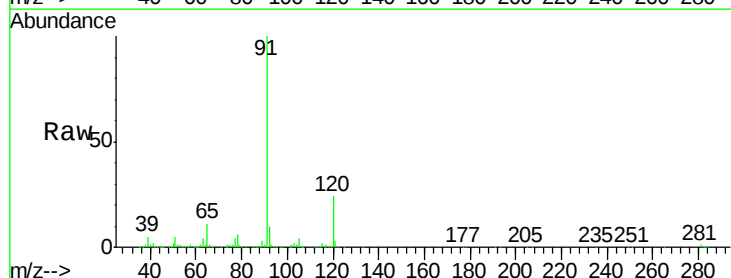
Acq: 16 Jun 2018 11:10

Tgt Ion: 91 Resp: 290380

Ion Ratio Lower Upper

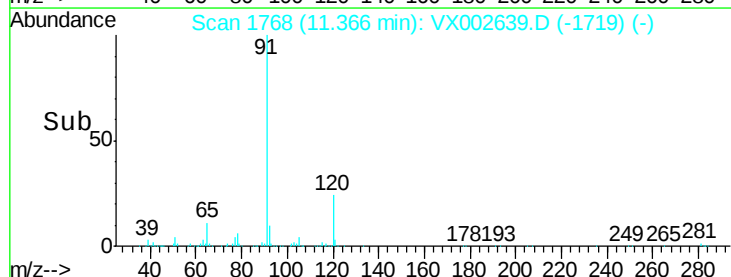
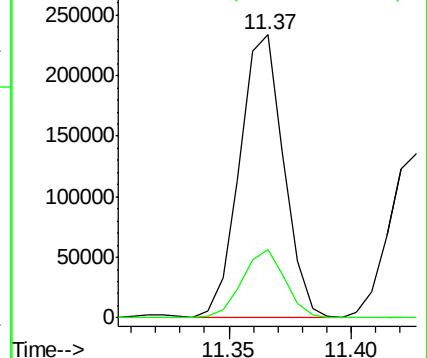
91 100

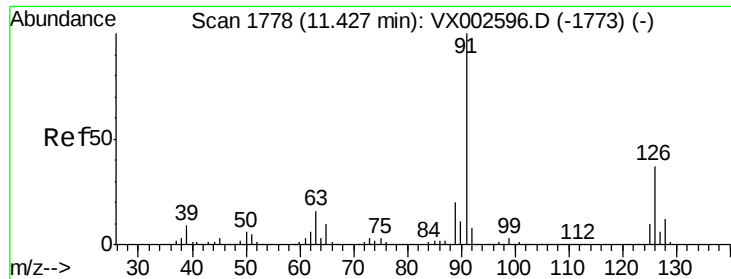
120 23.6 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.79 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX002639.D

Acq: 16 Jun 2018 11:10

Instrument :

MSVOA_X

ClientSampleId :

VX0615WBS03

Tot Ion: 91 Resp: 169458

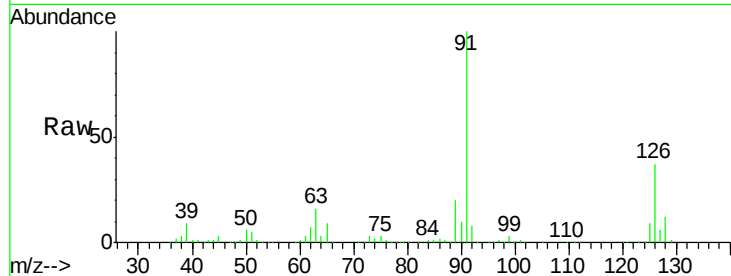
Ion Ratio Lower Upper

91 100

126 36.8 17.7 53.1

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Abundance Ion 91.00 (90.70 to 91.70): VX002596.D (-1773) (-)

Ion 125.90 (125.60 to 126.60): VX002596.D (-1773) (-)

250000

200000

150000

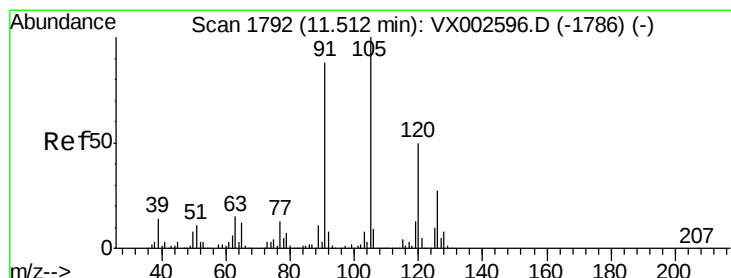
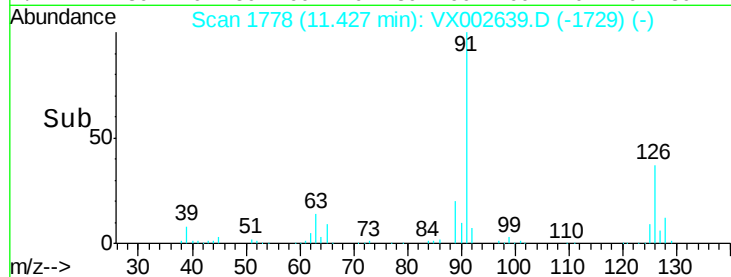
100000

50000

0

11.40 11.43 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 20.24 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX002639.D

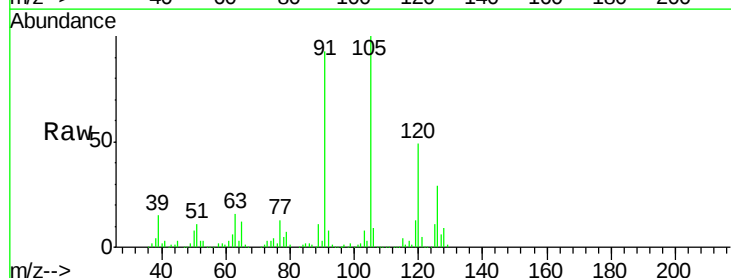
Acq: 16 Jun 2018 11:10

Tgt Ion: 105 Resp: 213875

Ion Ratio Lower Upper

105 100

120 49.2 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VX002596.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX002596.D (-1786) (-)

200000

150000

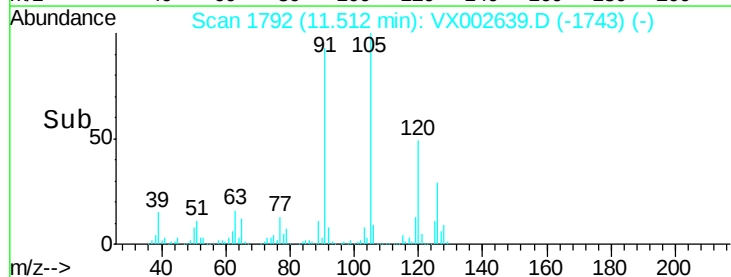
100000

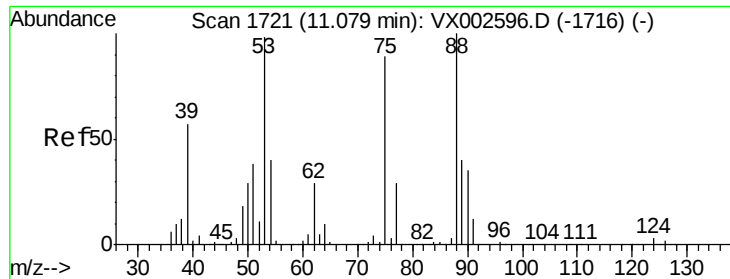
50000

0

11.50 11.51 11.60

Time-->





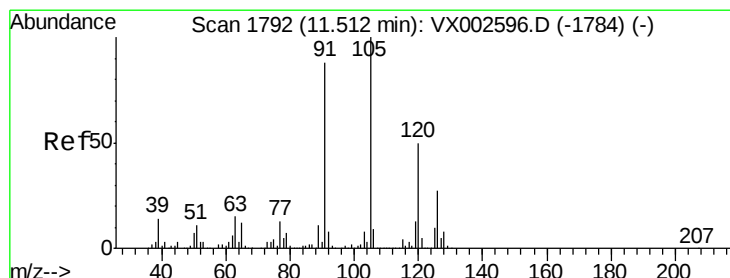
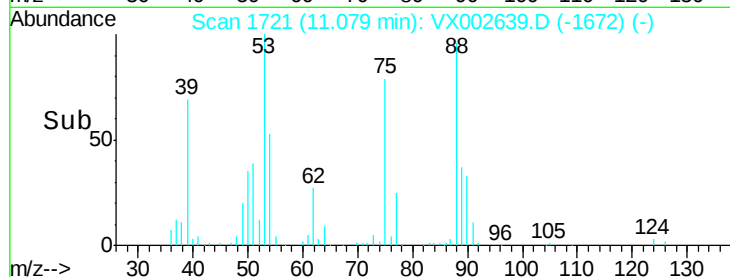
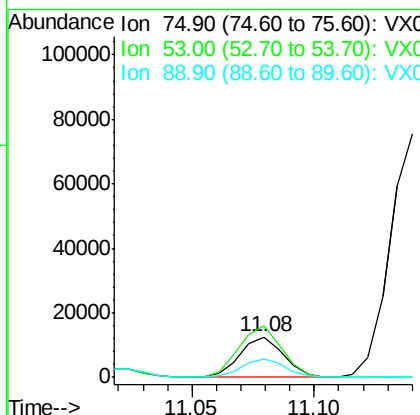
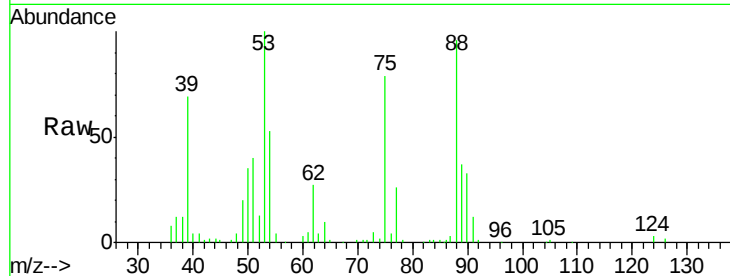
#81
trans-1,4-Dichloro-2-butene
Concen: 17.02 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX002639.D
Acq: 16 Jun 2018 11:10

Instrument :
MSVOA_X
ClientSampleId :
VX0615WBS03

Tot Ion	Ratio	Lower	Upper
75	100		
53	126.5	86.8	130.2
89	46.7	38.2	57.2

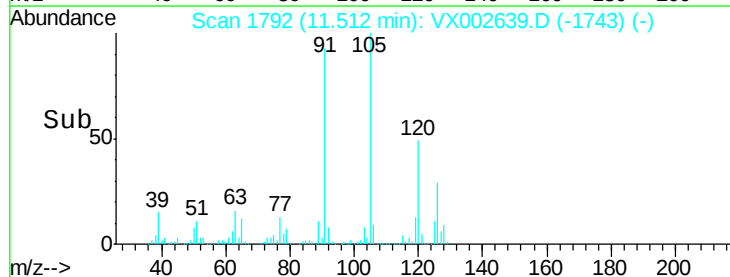
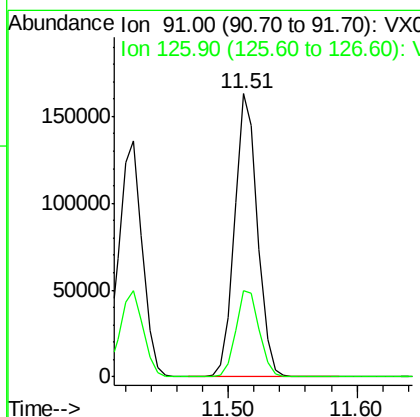
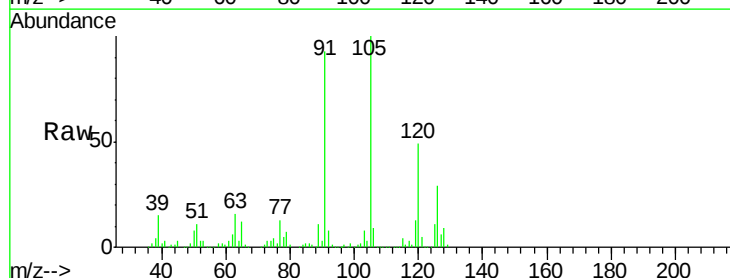
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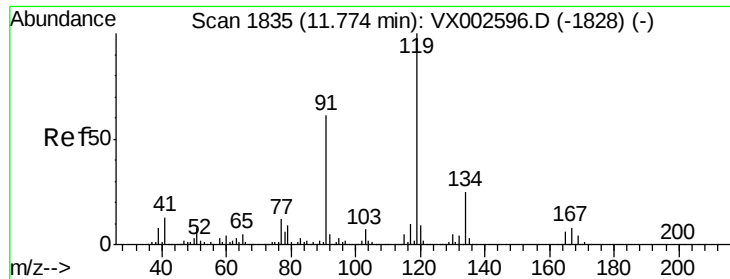
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#82
4-Chlorotoluene
Concen: 19.91 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX002639.D
Acq: 16 Jun 2018 11:10

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.5	15.4	46.4





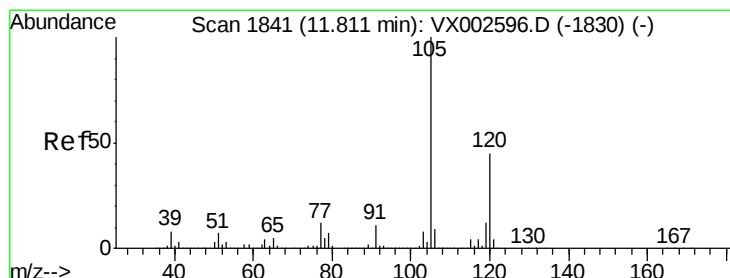
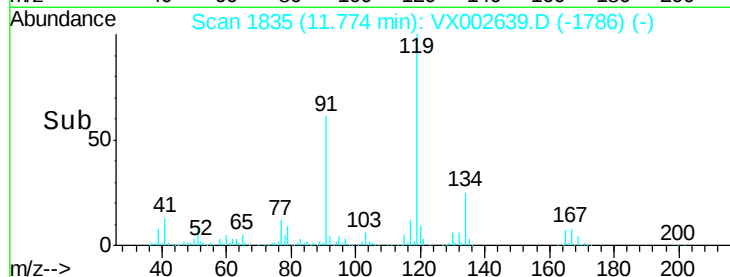
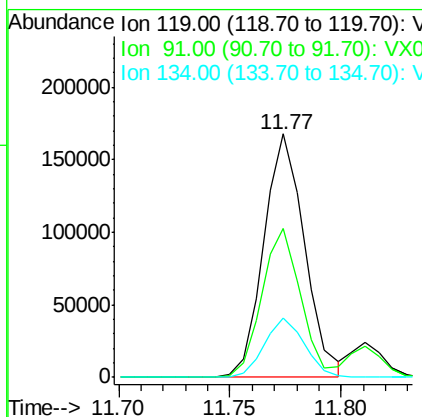
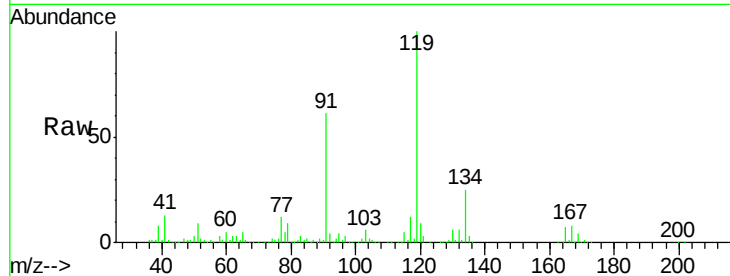
#83
 tert-Butylbenzene
 Concen: 20.90 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX002639.D
 Acq: 16 Jun 2018 11:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0615WBS03

Tot Ion	Ratio	Resp	Lower	Upper
119	100	212765		
91	59.5		30.3	90.9
134	23.9		11.7	35.1

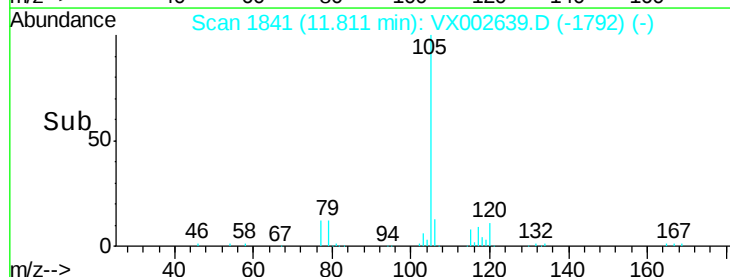
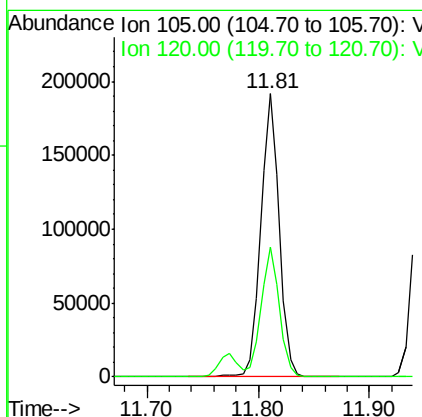
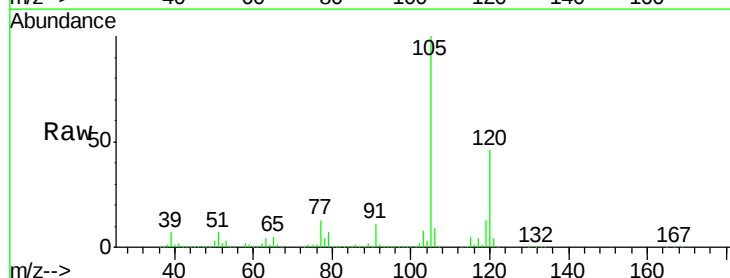
Manual Integrations
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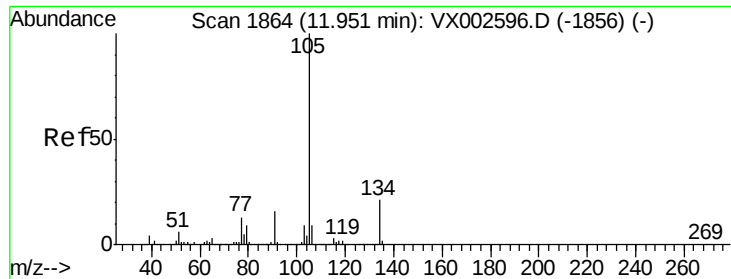
MMDadoda
 6/18/2018 5:12:07 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 20.59 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX002639.D
 Acq: 16 Jun 2018 11:10

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	222027		
120	45.5		22.3	66.8





#85

sec-Butylbenzene

Concen: 20.73 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX002639.D

Acq: 16 Jun 2018 11:10

Instrument :

MSVOA_X

ClientSampleId :

VX0615WBS03

Tot Ion:105 Resp: 262322

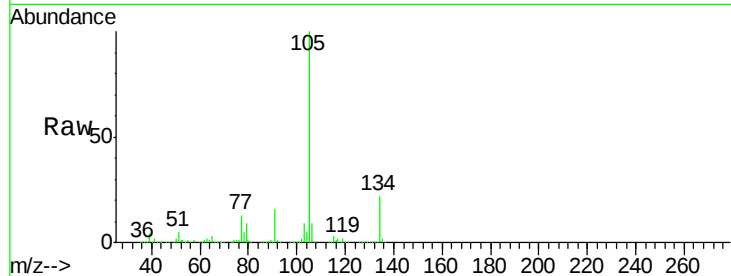
Ion Ratio Lower Upper

105 100

134 21.4 10.4 31.1

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.95

250000

200000

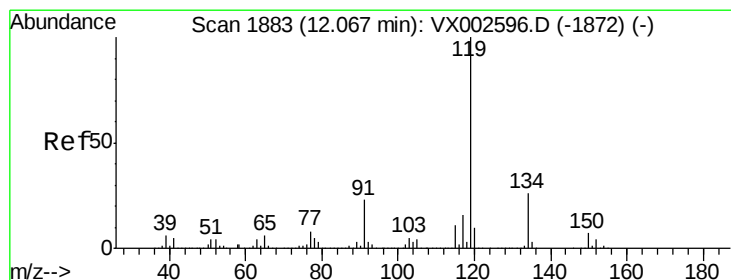
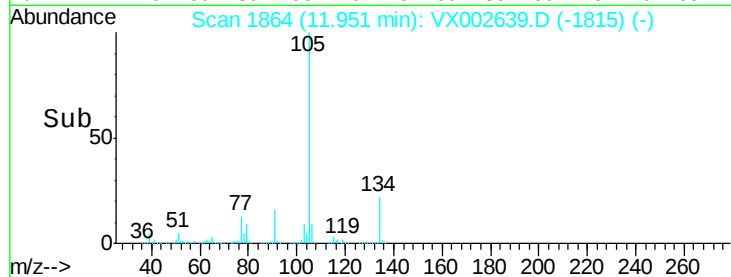
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 20.51 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX002639.D

Acq: 16 Jun 2018 11:10

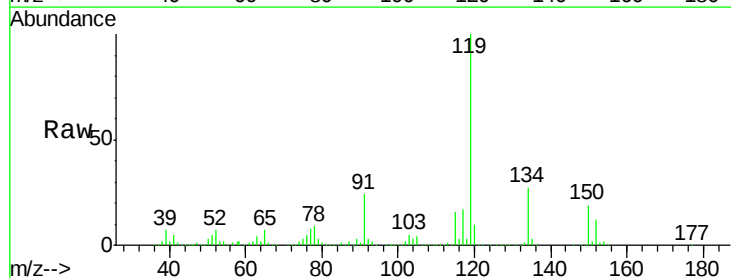
Tgt Ion:119 Resp: 234858

Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.1

91 23.7 11.9 35.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.07

250000

200000

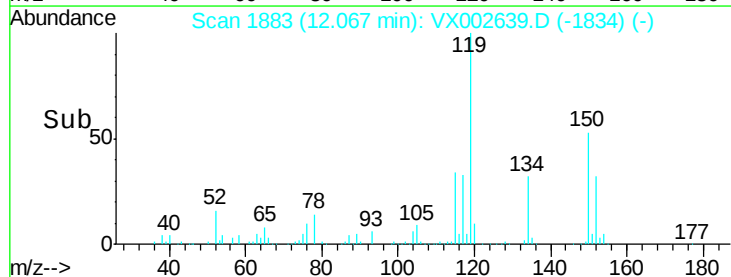
150000

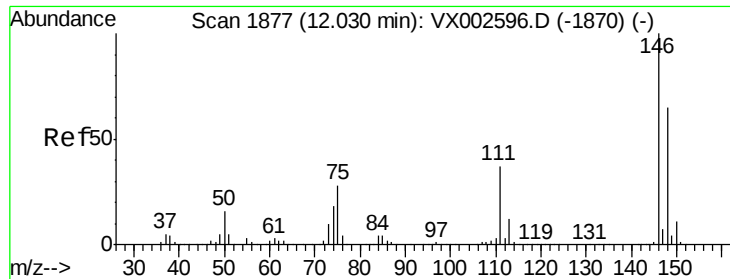
100000

50000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 20.18 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX002639.D

Acq: 16 Jun 2018 11:10

Instrument :

MSVOA_X

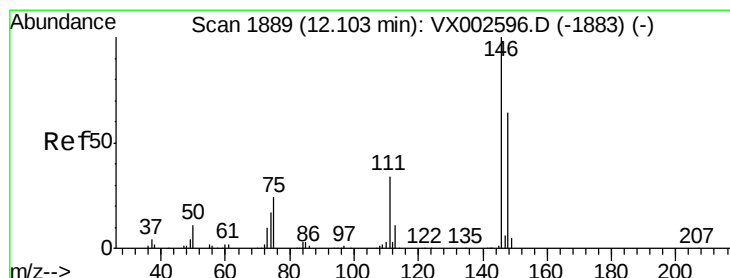
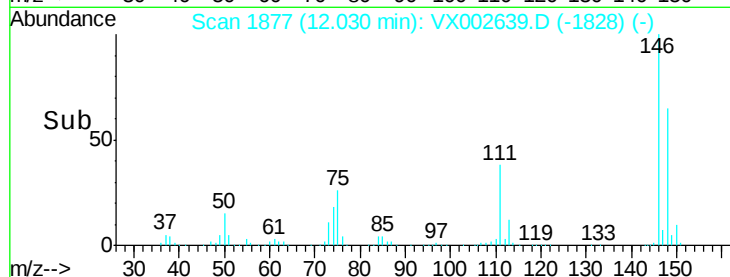
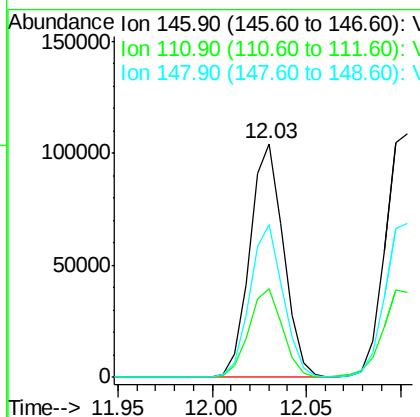
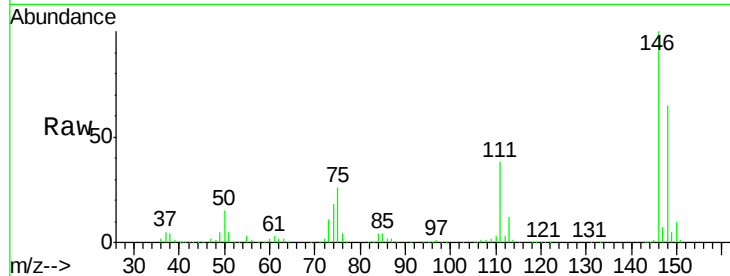
ClientSampleId :

VX0615WBS03

Tot Ion:	146	Resp:	128922
Ion Ratio	Lower	Upper	
146	100		
111	38.1	18.9	56.7
148	64.3	32.1	96.3

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 21.05 ug/l

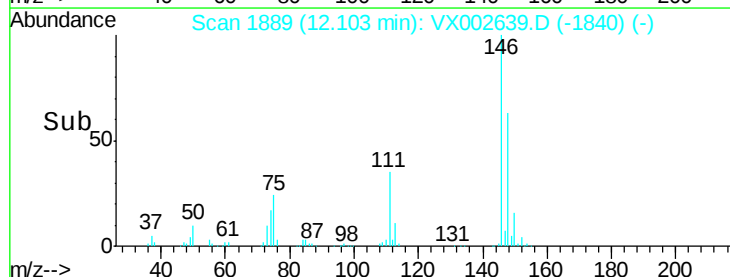
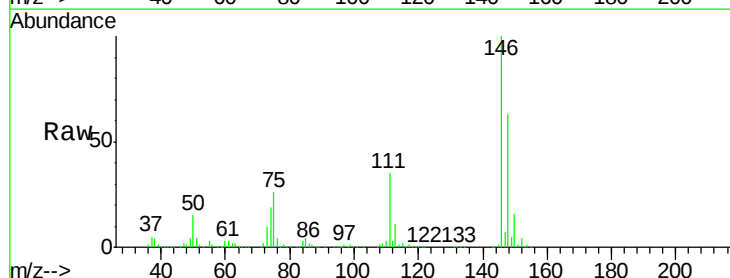
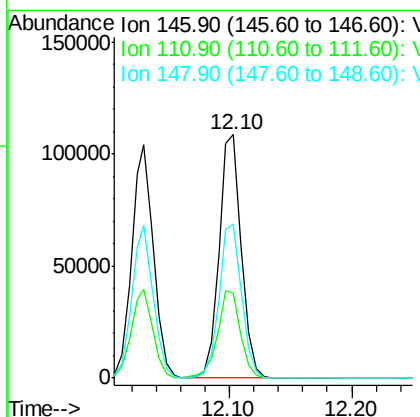
RT: 12.10 min Scan# 1889

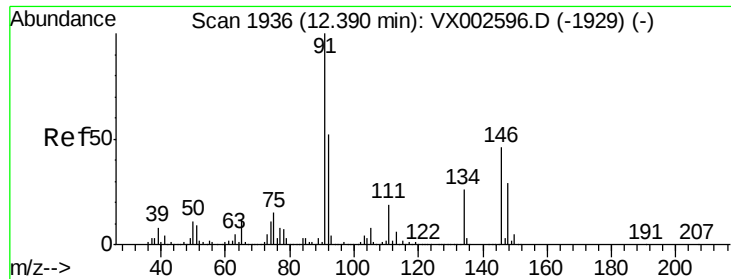
Delta R.T. 0.00 min

Lab File: VX002639.D

Acq: 16 Jun 2018 11:10

Tgt Ion:	146	Resp:	136791
Ion Ratio	Lower	Upper	
146	100		
111	37.3	18.7	56.1
148	64.6	32.4	97.0





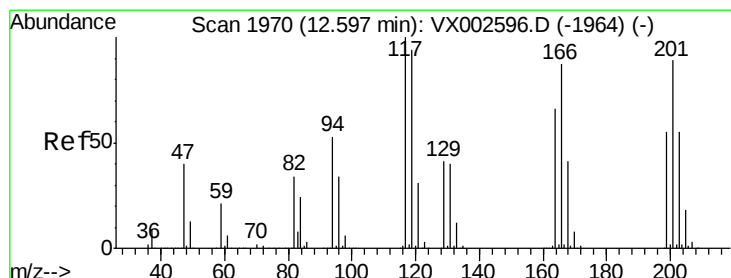
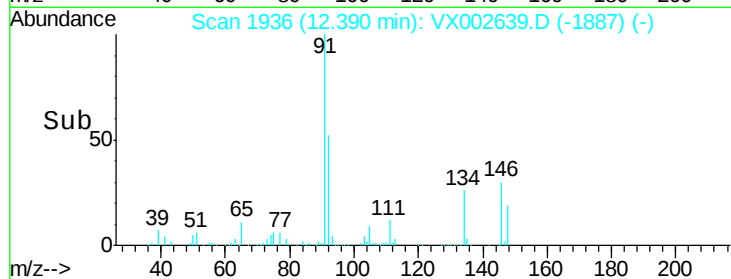
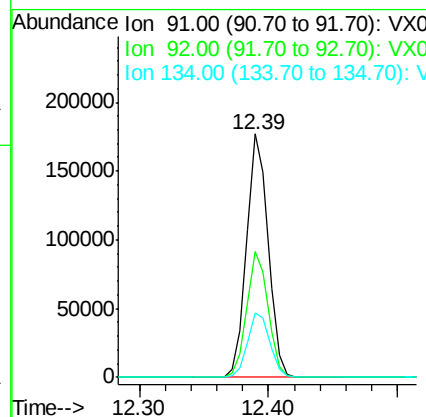
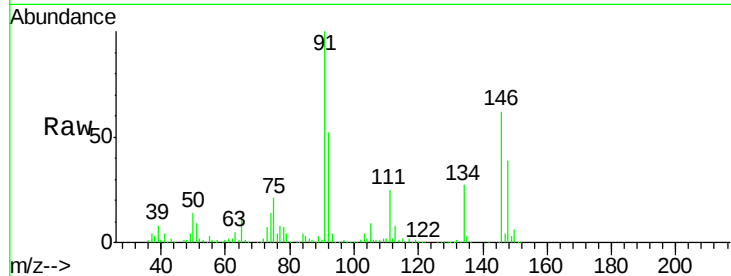
#89
n-Butylbenzene
Concen: 20.20 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX002639.D
Acq: 16 Jun 2018 11:10

Instrument :
MSVOA_X
ClientSampleId :
VX0615WBS03

Tot Ion	Ratio	Resp	Lower	Upper
91	100	204056		
92	51.4	26.0	78.0	
134	27.1	13.5	40.5	

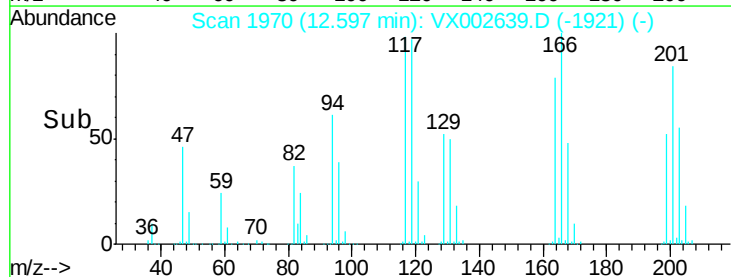
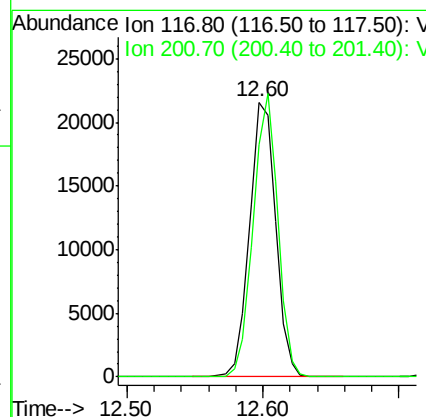
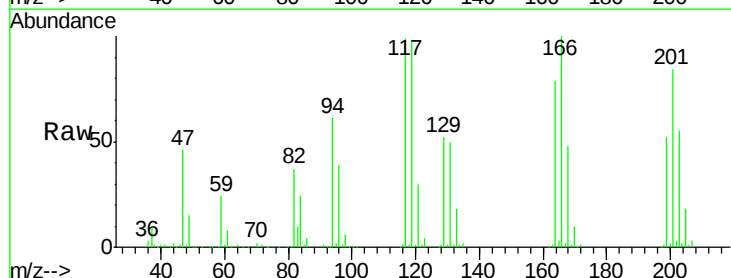
Manual Integrations
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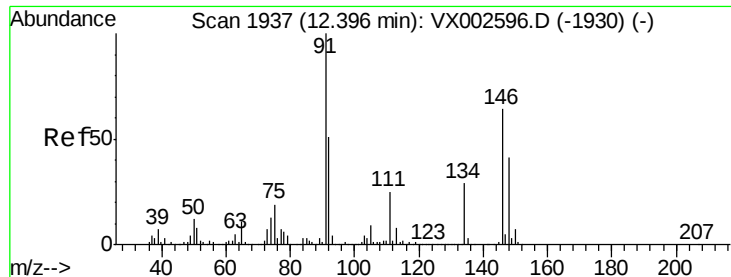
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#90
Hexachloroethane
Concen: 18.08 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX002639.D
Acq: 16 Jun 2018 11:10

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	29114		
201	96.9	49.0	147.0	





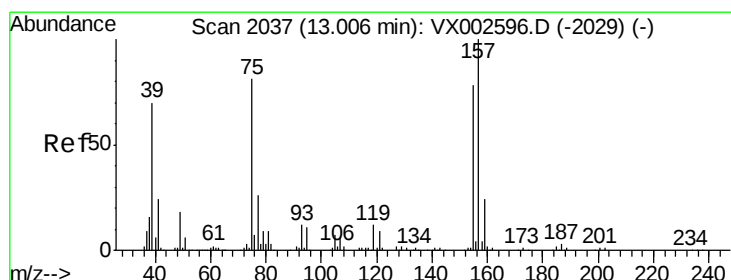
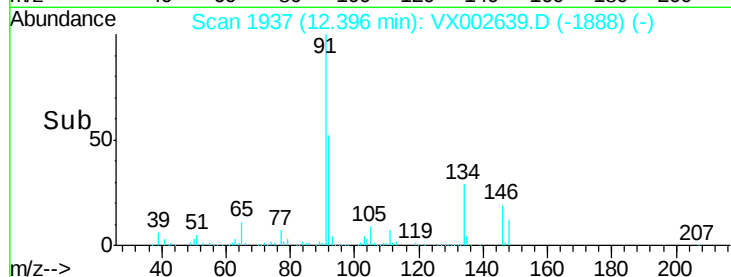
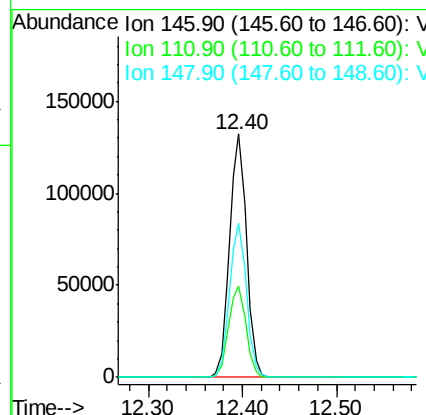
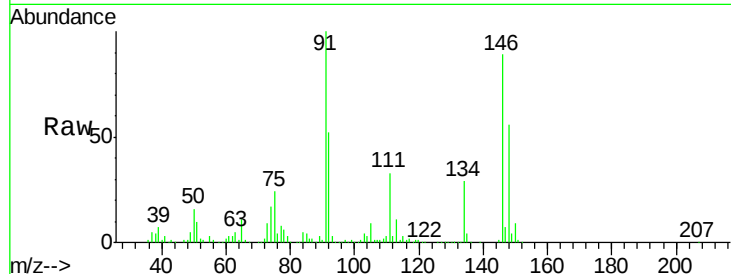
#91
1,2-Dichlorobenzene
Concen: 25.76 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX002639.D
Acq: 16 Jun 2018 11:10

Instrument :
MSVOA_X
ClientSampleId :
VX0615WBS03

Tot Ion	Ratio	Resp	Lower	Upper
146	100	165580		
111	38.5	19.4	58.1	
148	63.3	31.7	95.1	

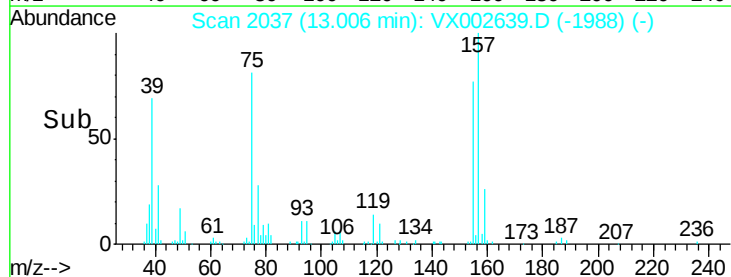
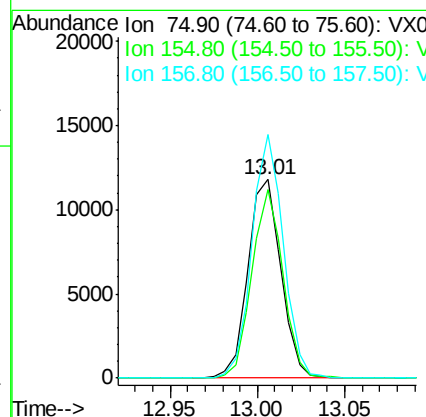
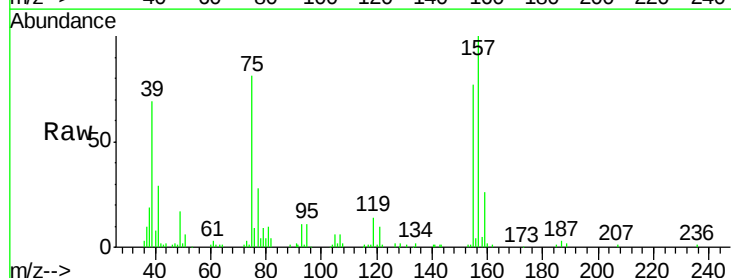
Manual Integrations
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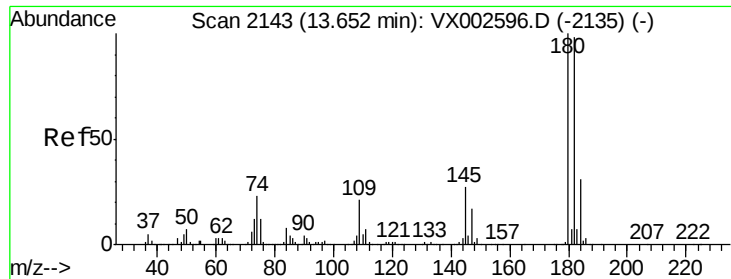
MMDadoda
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#92
1,2-Dibromo-3-Chloropropane
Concen: 19.94 ug/l
RT: 13.01 min Scan# 2037
Delta R.T. 0.00 min
Lab File: VX002639.D
Acq: 16 Jun 2018 11:10

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	15420		
155	89.6	45.8	137.4	
157	116.4	60.1	180.3	





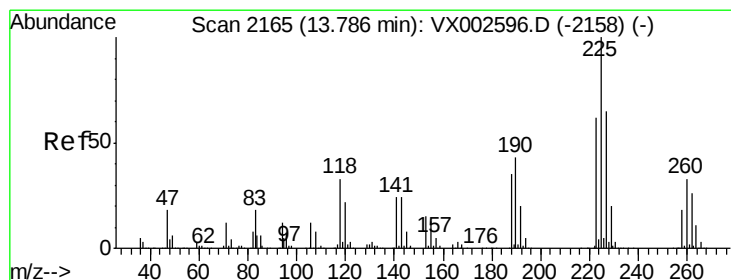
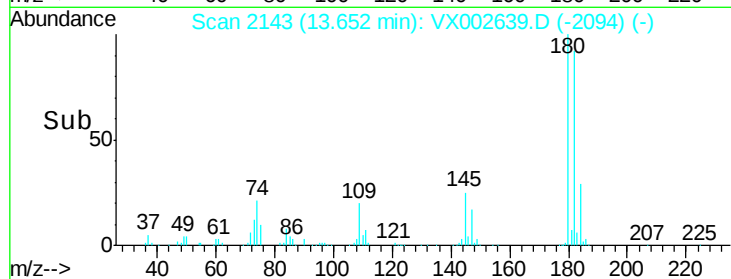
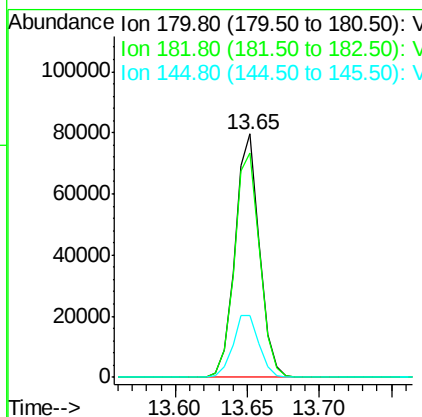
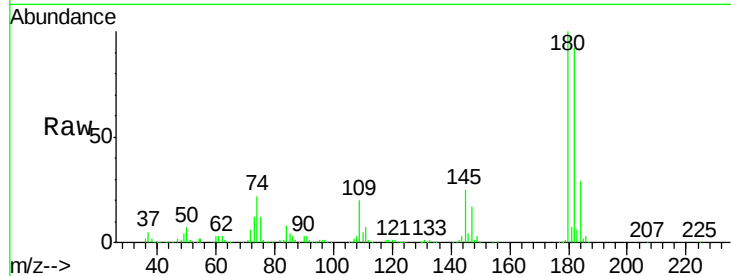
#93
 1,2,4-Trichlorobenzene
 Concen: 20.10 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX002639.D
 Acq: 16 Jun 2018 11:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0615WBS03

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.7	143.1
145	27.6	14.1	42.4

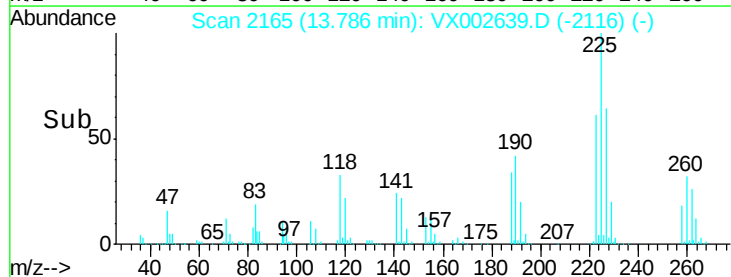
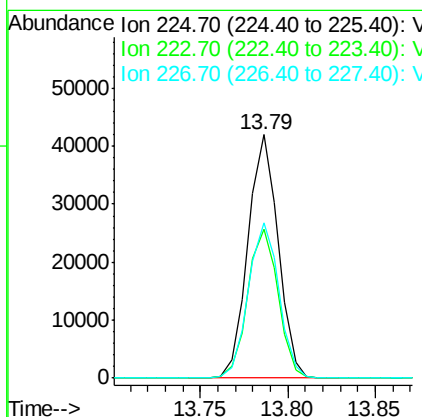
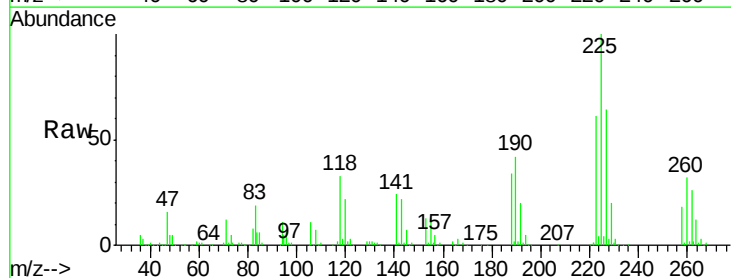
Manual Integrations
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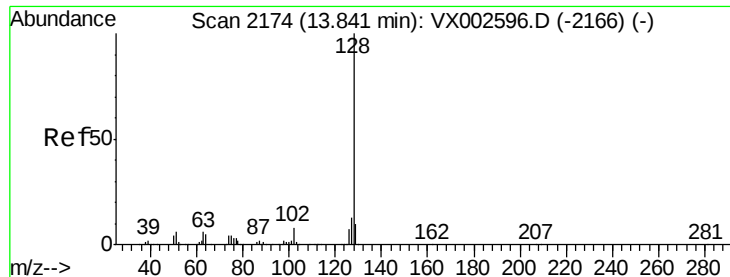
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#94
 Hexachlorobutadiene
 Concen: 20.51 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX002639.D
 Acq: 16 Jun 2018 11:10

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.6	31.6	95.0
227	64.6	32.4	97.2





#95

Naphthalene

Concen: 20.29 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX002639.D

Acq: 16 Jun 2018 11:10

Instrument :

MSVOA_X

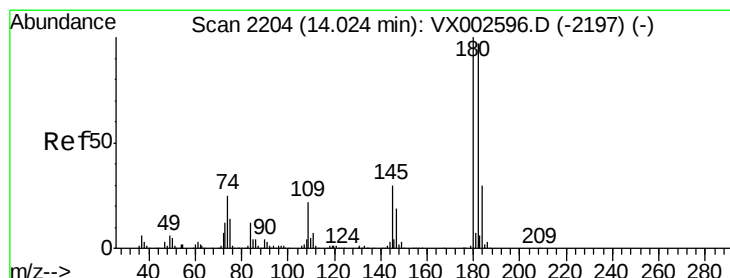
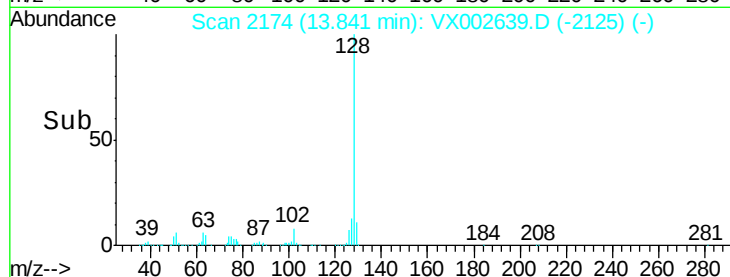
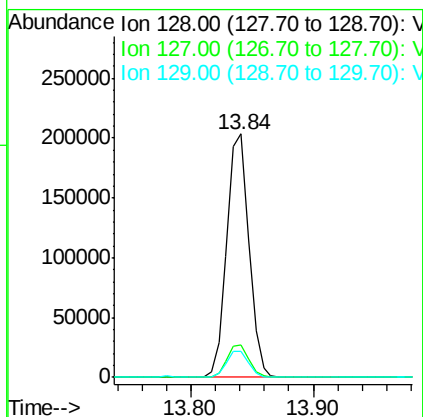
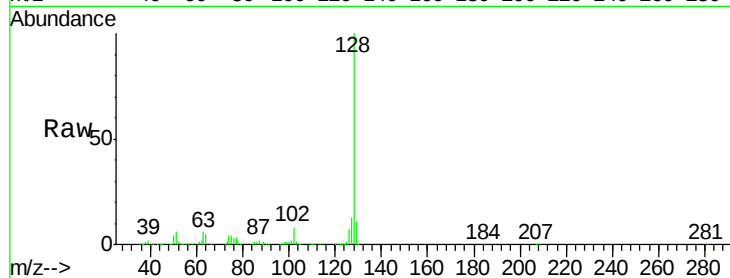
ClientSampleId :

VX0615WBS03

Tot Ion:	128	Resp:	254735
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.4	15.6
129	10.9	8.6	13.0

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 20.19 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX002639.D

Acq: 16 Jun 2018 11:10

Tgt Ion:	180	Resp:	94613
Ion Ratio	Lower	Upper	
180	100		
182	95.7	48.0	144.0
145	29.7	14.8	44.3

