

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060718\
 Data File : VX002382.D
 Acq On : 07 Jun 2018 17:14
 Operator : JC/MD
 Sample : VX0607WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0607WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/8/2018 1:20:26 PM

Quant Time: Jun 08 02:06:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	212450	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	314069	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	300466	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	181021	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	149861	49.28	ug/l	0.00
Spiked Amount 50.000			Recovery =	98.56%		
35) Dibromofluoromethane	5.51	113	111432	45.12	ug/l	0.00
Spiked Amount 50.000			Recovery =	90.24%		
50) Toluene-d8	8.72	98	417555	44.11	ug/l	0.00
Spiked Amount 50.000			Recovery =	88.22%		
62) 4-Bromofluorobenzene	11.14	95	154296	42.27	ug/l	0.00
Spiked Amount 50.000			Recovery =	84.54%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	42392	19.195	ug/l	99
3) Chloromethane	1.32	50	50979	18.327	ug/l	98
4) Vinyl Chloride	1.40	62	54284	19.503	ug/l	97
5) Bromomethane	1.64	94	21819	11.267	ug/l	98
6) Chloroethane	1.73	64	41557	23.081	ug/l	98
7) Trichlorofluoromethane	1.93	101	92308	21.766	ug/l	100
8) Diethyl Ether	2.19	74	37429	23.570	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	52059	22.748	ug/l	98
10) Methyl Iodide	2.51	142	31898	9.909	ug/l	99
11) Tert butyl alcohol	3.07	59	80134	118.273	ug/l	98
12) 1,1-Dichloroethene	2.38	96	45767	20.236	ug/l	99
13) Acrolein	2.30	56	25181	76.715	ug/l	97
14) Allyl chloride	2.73	41	95928	19.544	ug/l	98
15) Acrylonitrile	3.15	53	160848	119.338	ug/l	100
16) Acetone	2.45	43	170060	120.203	ug/l	98
17) Carbon Disulfide	2.57	76	105160	17.641	ug/l	97
18) Methyl Acetate	2.78	43	78572	24.436	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	192466	23.154	ug/l	100
20) Methylene Chloride	2.86	84	56954	22.172	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	49786	19.962	ug/l	98
22) Diisopropyl ether	3.88	45	172115	20.101	ug/l	99
23) Vinyl Acetate	3.83	43	758920	95.381	ug/l	99
24) 1,1-Dichloroethane	3.70	63	90584	18.673	ug/l	100
25) 2-Butanone	4.71	43	212798	102.156	ug/l	99
26) 2,2-Dichloropropane	4.59	77	63958	16.867	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	52736	19.443	ug/l	95
28) Bromochloromethane	5.03	49	46813	20.596	ug/l	99
29) Tetrahydrofuran	5.17	42	134393	100.067	ug/l	99
30) Chloroform	5.22	83	90688	19.373	ug/l	100
31) Cyclohexane	5.58	56	74345	19.381	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	74390	18.739	ug/l	99
36) 1,1-Dichloropropene	5.81	75	60232	18.242	ug/l	98
37) Ethyl Acetate	4.87	43	81284	20.471	ug/l	99
38) Carbon Tetrachloride	5.79	117	62843	18.194	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	75831	18.755	ug/l	98
40) Benzene	6.15	78	195864	19.347	ug/l	97
41) Methacrylonitrile	5.06	41	45760	20.131	ug/l	98
42) 1,2-Dichloroethane	6.20	62	81776	20.331	ug/l	100
43) Isopropyl Acetate	6.47	43	132633	19.666	ug/l	99
44) Trichloroethene	7.22	130	52585	18.715	ug/l	99
45) 1,2-Dichloropropane	7.52	63	53193	19.463	ug/l	97
46) Dibromomethane	7.67	93	36326	19.606	ug/l	99
47) Bromodichloromethane	7.90	83	61935	18.483	ug/l	97
48) Methyl methacrylate	7.78	41	67942	20.055	ug/l	99
49) 1,4-Dioxane	7.76	88	25981	410.165	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	431758	102.799	ug/l	100
52) Toluene	8.79	92	122995	19.102	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	74077	18.434	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	65983	17.404	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	54114	20.434	ug/l	98
56) Ethyl methacrylate	9.18	69	83266	19.694	ug/l	99
57) 1,3-Dichloropropane	9.38	76	89000	20.032	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	194713	99.502	ug/l	100
59) 2-Hexanone	9.50	43	333666	102.853	ug/l	99
60) Dibromochloromethane	9.59	129	48808	18.323	ug/l	100
61) 1,2-Dibromoethane	9.68	107	56219	20.360	ug/l	99
64) Tetrachloroethene	9.34	164	57069	18.417	ug/l	99
65) Chlorobenzene	10.14	112	142690	19.085	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	50527	18.664	ug/l	99
67) Ethyl Benzene	10.26	91	239556	19.146	ug/l	99
68) m/p-Xylenes	10.37	106	185699	38.180	ug/l	98
69) o-Xylene	10.70	106	91131	18.828	ug/l	100
70) Styrene	10.72	104	149747	18.925	ug/l	100
71) Bromoform	10.86	173	35482	17.080	ug/l #	98
73) Isopropylbenzene	11.02	105	248343	19.721	ug/l	100
74) N-amyl acetate	6.47	43	132633	19.547	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	81609	20.605	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	68166m	17.161	ug/l	
77) Bromobenzene	11.26	156	67671	19.142	ug/l	99
78) n-propylbenzene	11.37	91	276556	19.759	ug/l	100
79) 2-Chlorotoluene	11.43	91	164204	18.580	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	208545	19.308	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	14067	12.414	ug/l #	84
82) 4-Chlorotoluene	11.51	91	194416	19.058	ug/l	99
83) tert-Butylbenzene	11.77	119	204744	19.466	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	217497	19.562	ug/l	99
85) sec-Butylbenzene	11.95	105	249664	20.248	ug/l	100
86) p-Isopropyltoluene	12.07	119	222988	19.854	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	120413	19.049	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	120499	18.494	ug/l	100
89) n-Butylbenzene	12.39	91	184555	19.593	ug/l	100
90) Hexachloroethane	12.60	117	27593	15.390	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	124549	19.044	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	16850	19.455	ug/l	97

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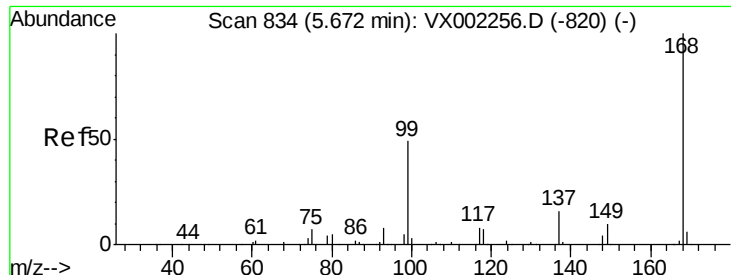
Manual Integrations
APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	86595	18.883	ug/l	99
94) Hexachlorobutadiene	13.79	225	44971	19.845	ug/l	98
95) Naphthalene	13.84	128	268423	20.372	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	92355	19.747	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002382.D

Acq: 07 Jun 2018 17:14

Instrument :

MSVOA_X

ClientSampleId :

VX0607WBSD01

Tgt Ion: 168 Resp: 212450

Ion Ratio Lower Upper

168 100

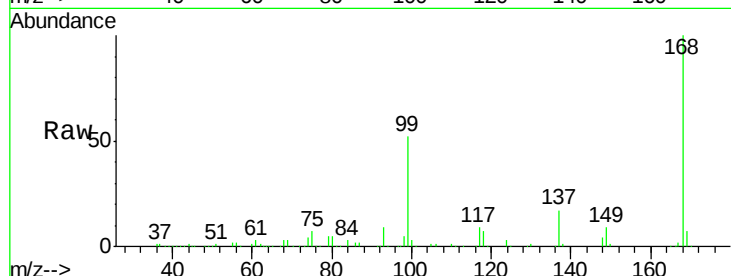
99 51.7 39.3 58.9

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

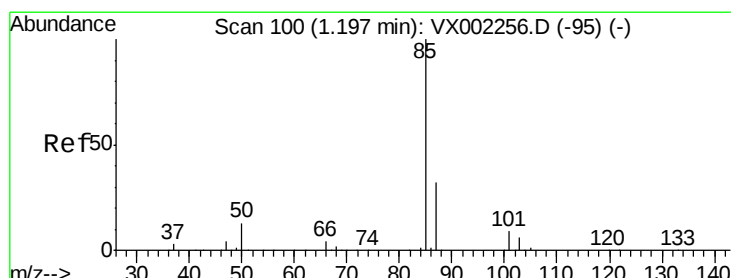
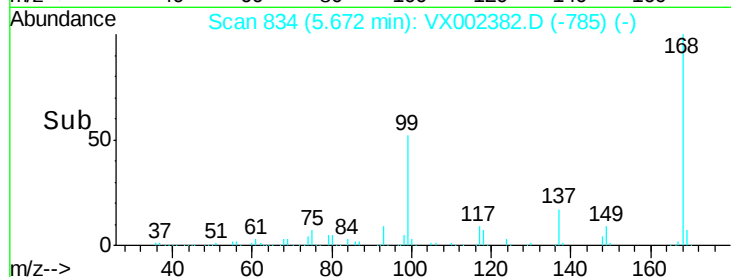
5.50

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 19.195 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX002382.D

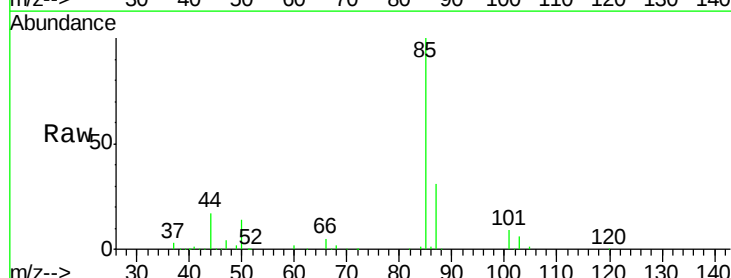
Acq: 07 Jun 2018 17:14

Tgt Ion: 85 Resp: 42392

Ion Ratio Lower Upper

85 100

87 31.2 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

30000

20000

10000

0

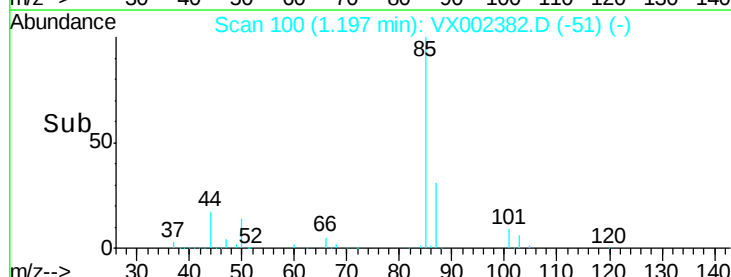
1.15

1.20

1.25

1.30

Time-->





#3

Chloromethane

Concen: 18.327 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002382.D

Acq: 07 Jun 2018 17:14

Instrument :

MSVOA_X

ClientSampleId :

VX0607WBSD01

Tgt Ion: 50 Resp: 50979

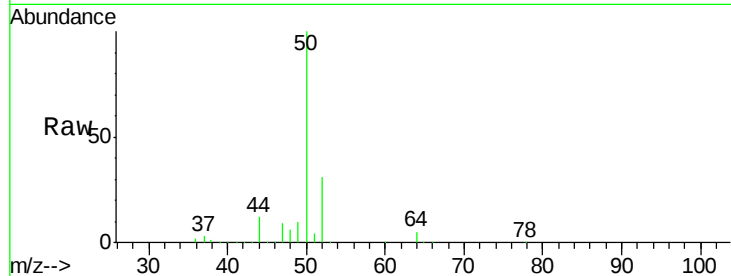
Ion Ratio Lower Upper

50 100

52 30.9 25.7 38.5

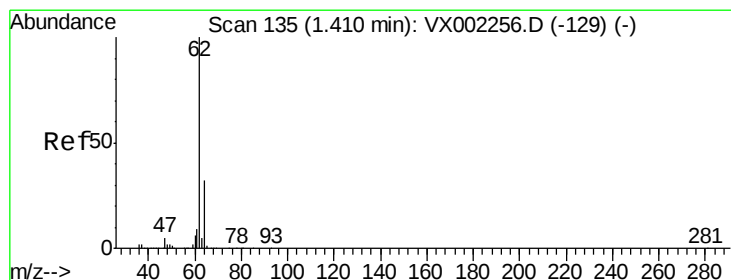
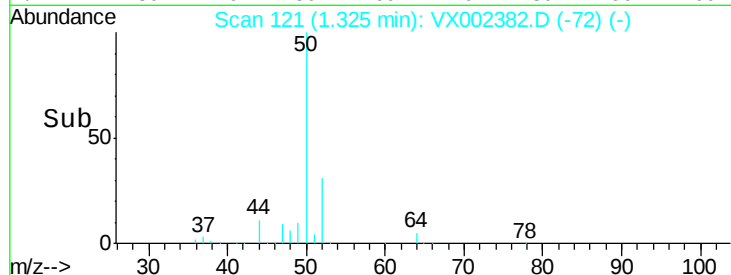
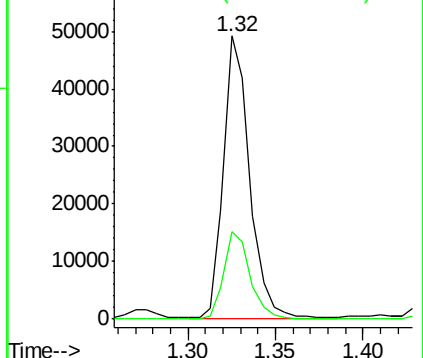
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.503 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX002382.D

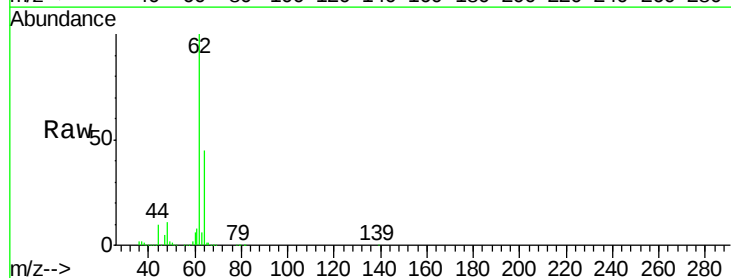
Acq: 07 Jun 2018 17:14

Tgt Ion: 62 Resp: 54284

Ion Ratio Lower Upper

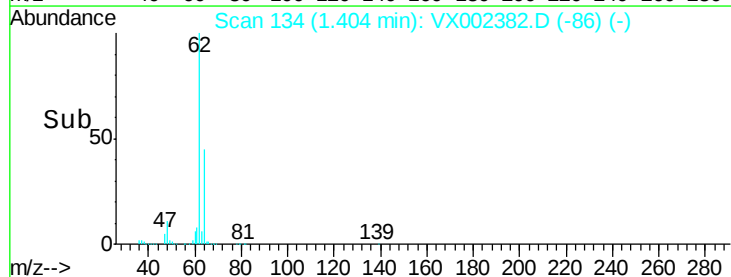
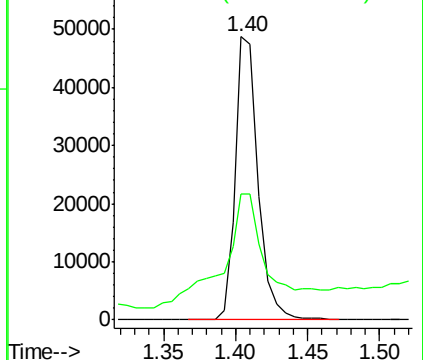
62 100

64 33.3 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: 11.267 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX002382.D

Acq: 07 Jun 2018 17:14

Instrument :

MSVOA_X

ClientSampleId :

VX0607WBSD01

Tgt Ion: 94 Resp: 21819

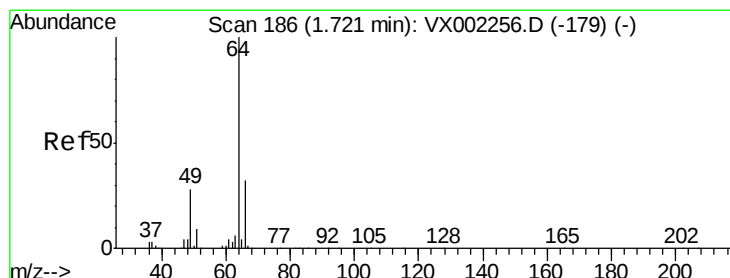
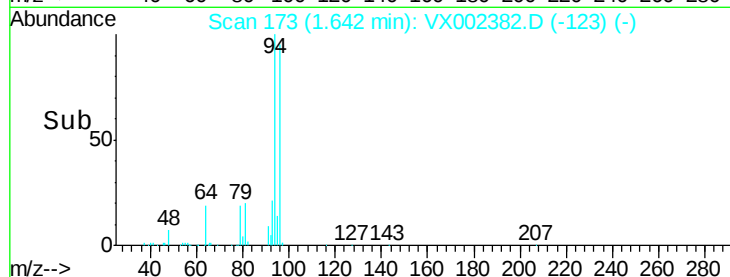
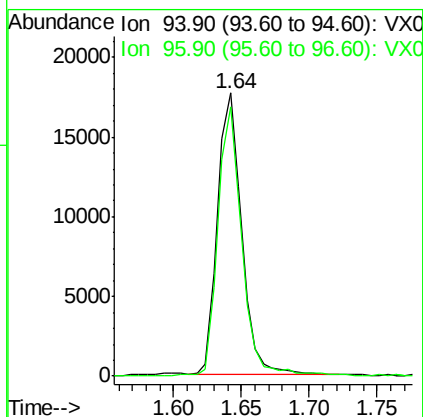
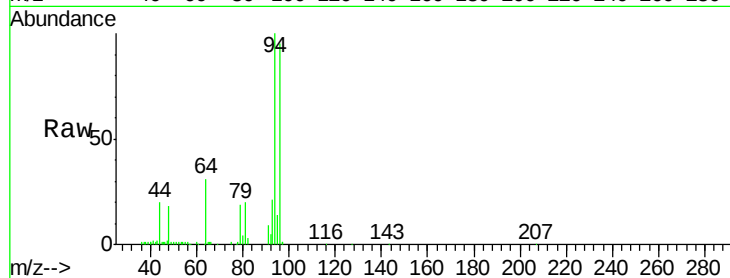
Ion Ratio Lower Upper

94 100

96 95.1 74.9 112.3

Manual Integrations
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#6

Chloroethane

Concen: 23.081 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX002382.D

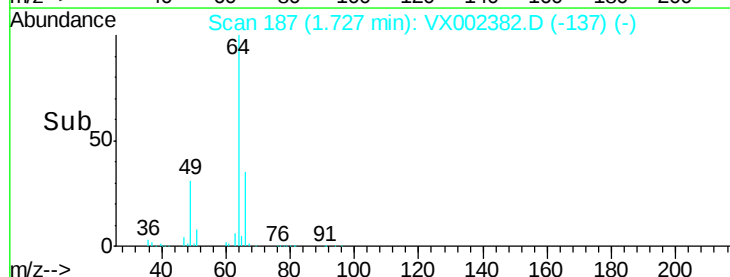
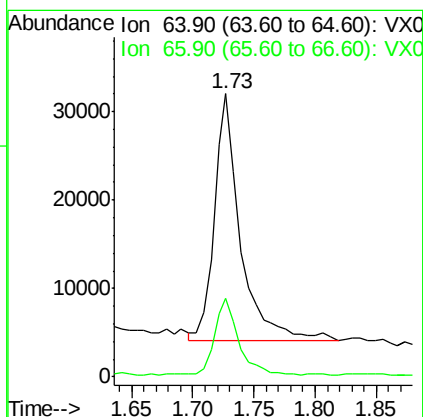
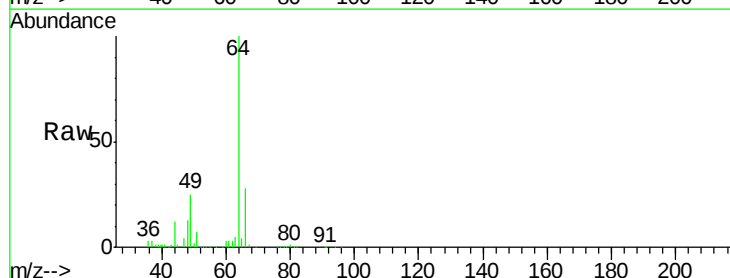
Acq: 07 Jun 2018 17:14

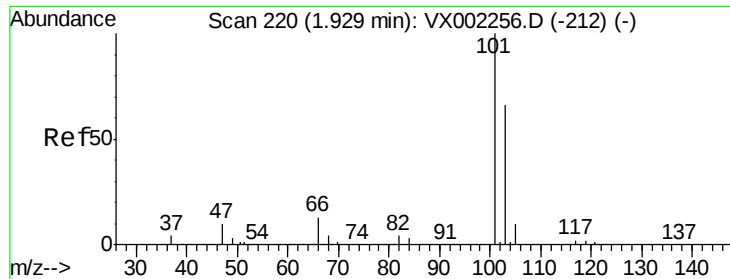
Tgt Ion: 64 Resp: 41557

Ion Ratio Lower Upper

64 100

66 30.9 25.5 38.3





#7

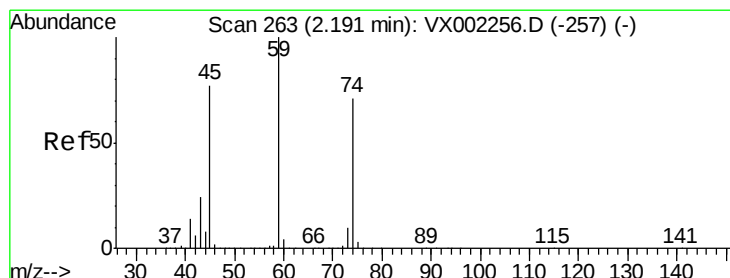
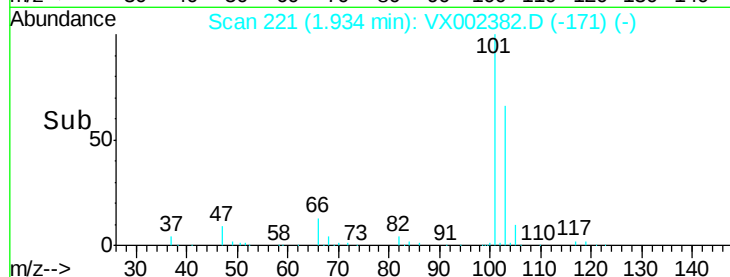
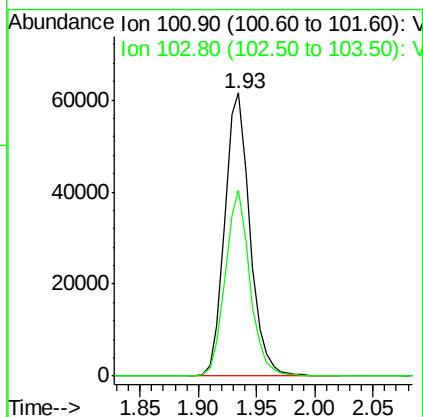
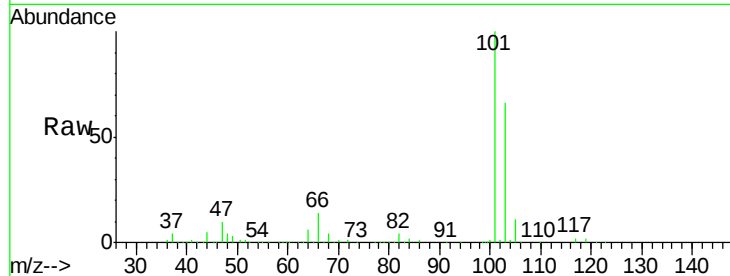
Trichlorofluoromethane
 Concen: 21.766 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. 0.01 min
 Lab File: VX002382.D
 Acq: 07 Jun 2018 17:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0607WBSD01

Tgt Ion:101 Resp: 92308
 Ion Ratio Lower Upper
 101 100
 103 65.9 52.8 79.2

Manual Integrations
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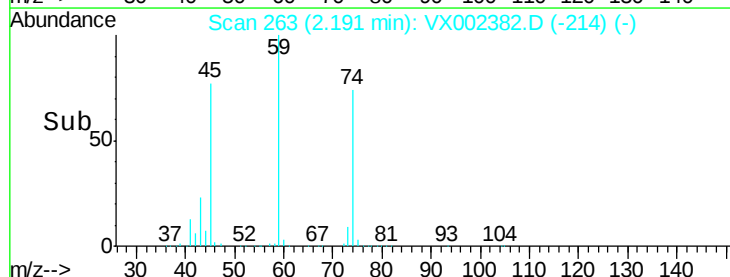
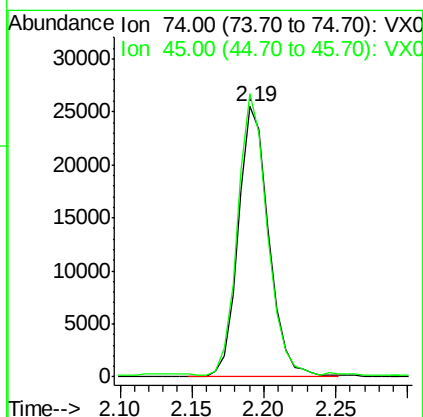
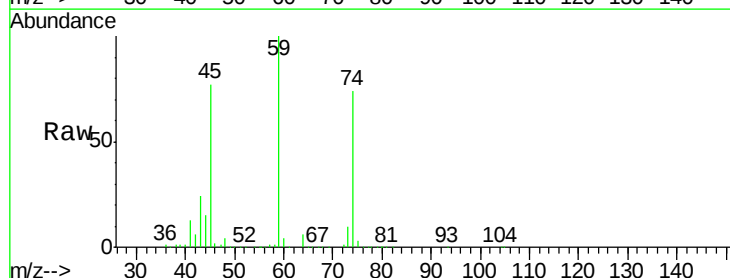
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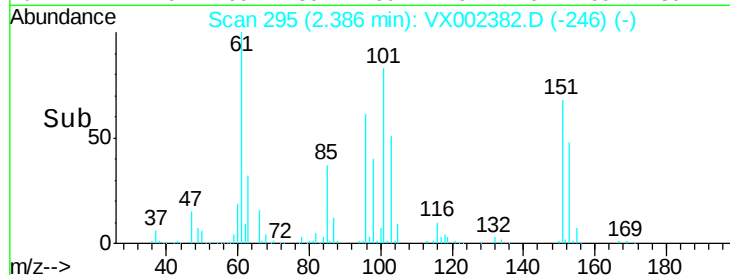
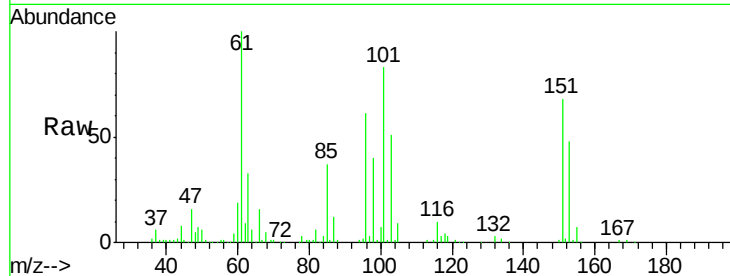
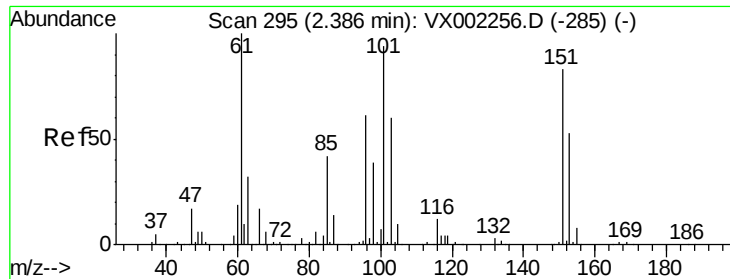


#8

Diethyl Ether
 Concen: 23.570 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX002382.D
 Acq: 07 Jun 2018 17:14

Tgt Ion: 74 Resp: 37429
 Ion Ratio Lower Upper
 74 100
 45 102.7 53.1 159.4





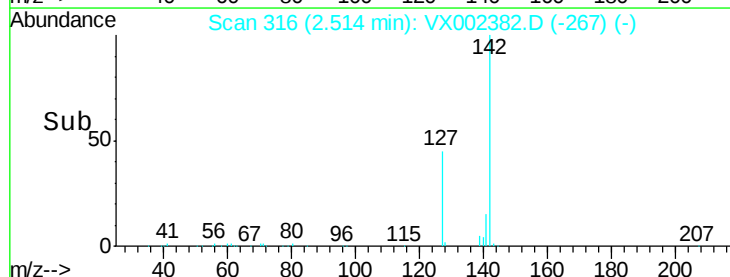
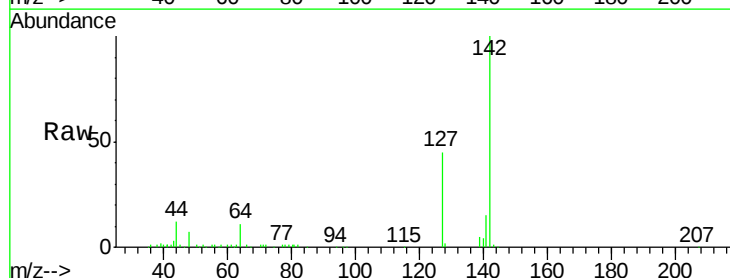
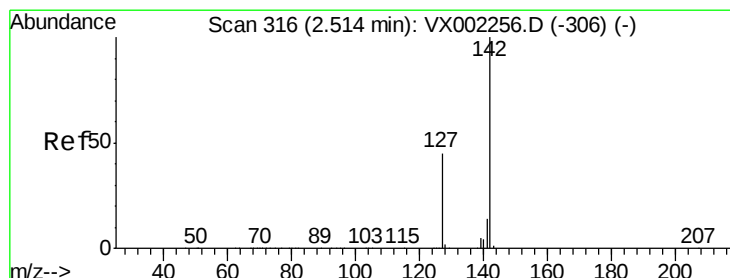
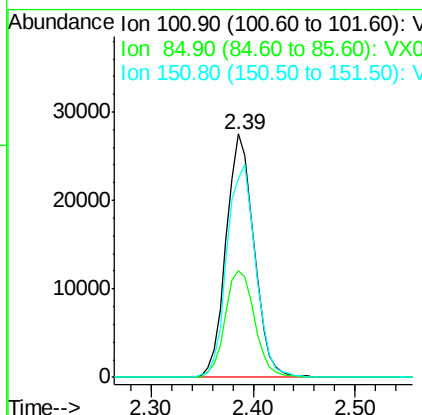
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.748 ug/l
RT: 2.39 min Scan# 295
Delta R.T. -0.00 min
Lab File: VX002382.D
Acq: 07 Jun 2018 17:14

Instrument :
MSVOA_X
ClientSampleId :
VX0607WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
101	100	52059		
85	46.4	36.0	54.0	
151	90.0	70.9	106.3	

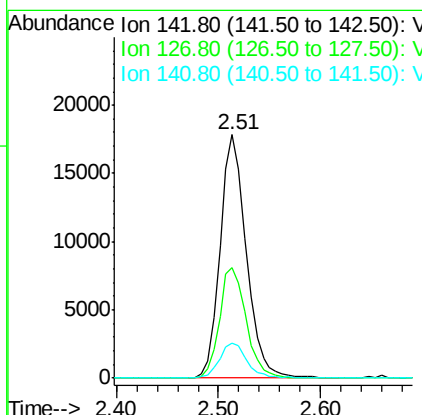
Manual Integrations
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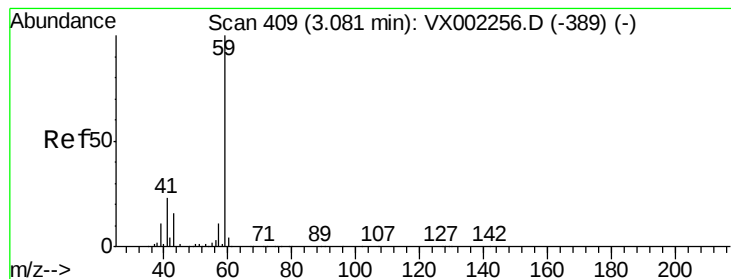
MMDadoda
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#10
Methyl Iodide
Concen: 9.909 ug/l
RT: 2.51 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX002382.D
Acq: 07 Jun 2018 17:14

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	31898		
127	46.1	36.6	55.0	
141	15.1	11.3	16.9	





#11

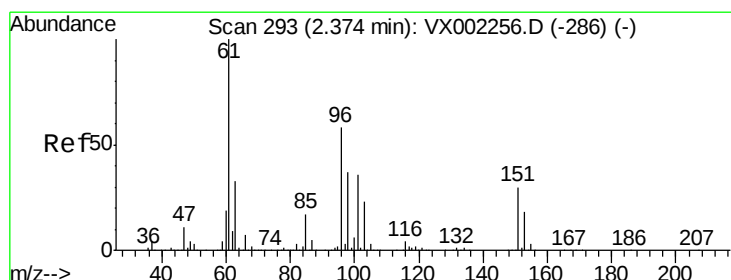
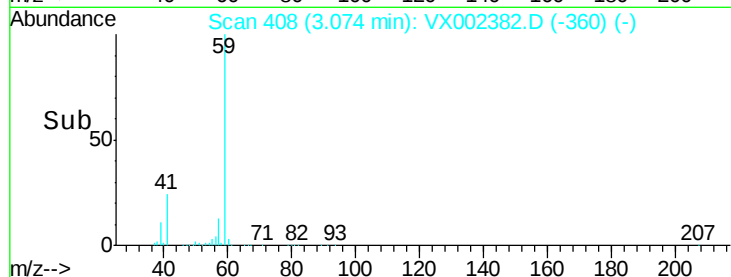
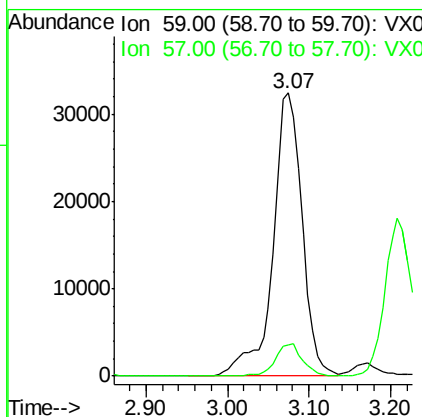
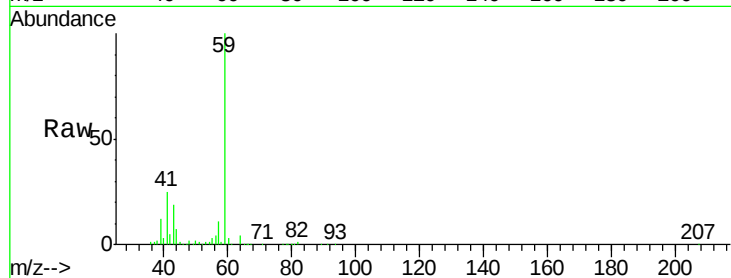
Tert butyl alcohol
Concen: 118.273 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX002382.D
Acq: 07 Jun 2018 17:14

Instrument :
MSVOA_X
ClientSampleId :
VX0607WBSD01

Tgt Ion: 59 Resp: 80134
Ion Ratio Lower Upper
59 100
57 10.8 8.2 12.2

Manual Integrations
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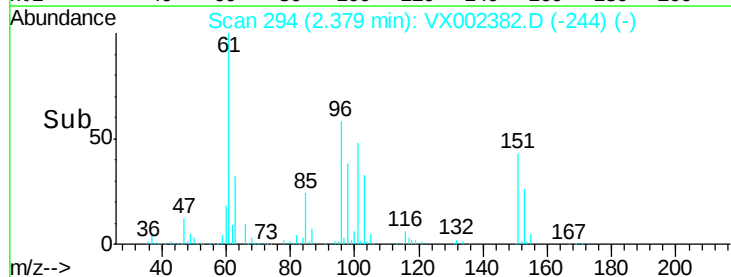
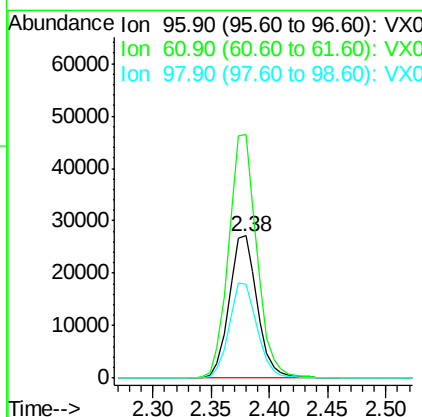
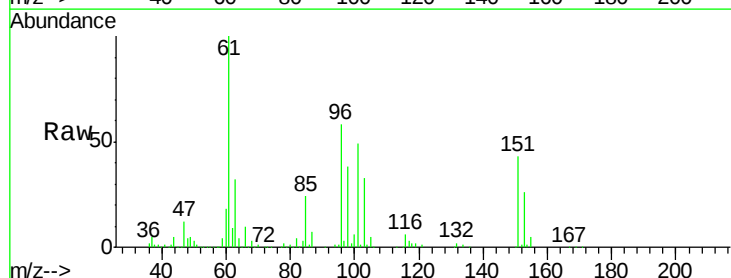
MMDadoda
6/8/2018 1:20:26 PM

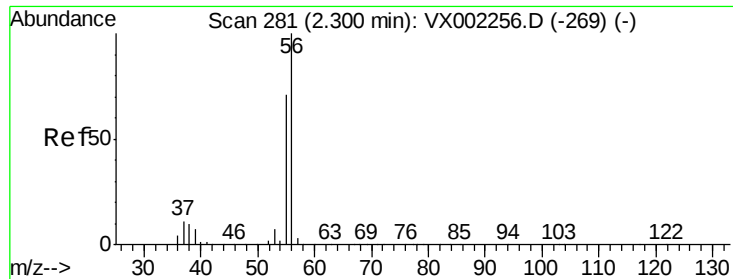


#12

1,1-Dichloroethene
Concen: 20.236 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.01 min
Lab File: VX002382.D
Acq: 07 Jun 2018 17:14

Tgt Ion: 96 Resp: 45767
Ion Ratio Lower Upper
96 100
61 171.5 137.9 206.9
98 65.9 51.6 77.4





#13

Acrolein

Concen: 76.715 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX002382.D

Acq: 07 Jun 2018 17:14

Instrument :

MSVOA_X

ClientSampled :

VX0607WBSD01

Tgt Ion: 56 Resp: 25181

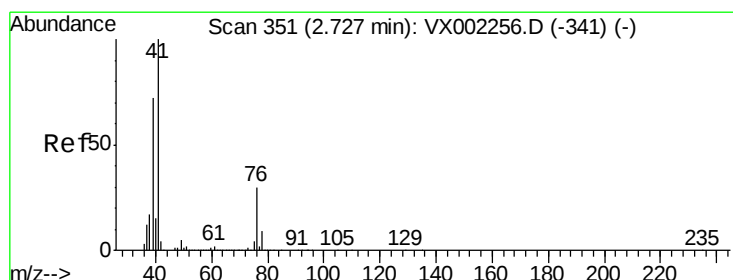
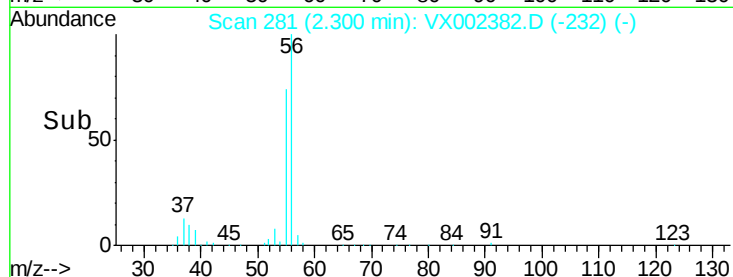
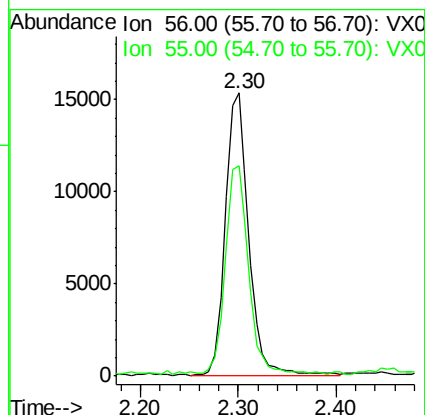
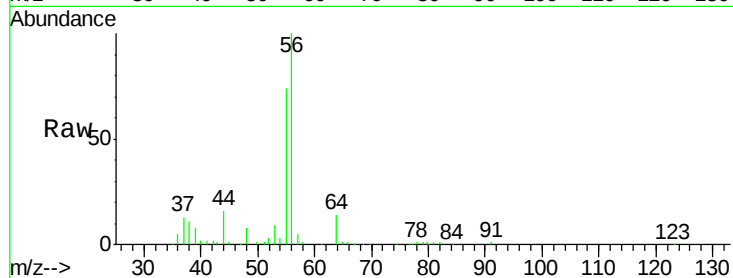
Ion Ratio Lower Upper

56 100

55 73.3 57.0 85.4

Manual Integrations
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#14

Allyl chloride

Concen: 19.544 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.01 min

Lab File: VX002382.D

Acq: 07 Jun 2018 17:14

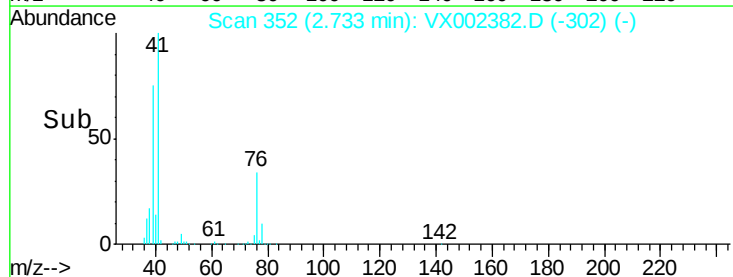
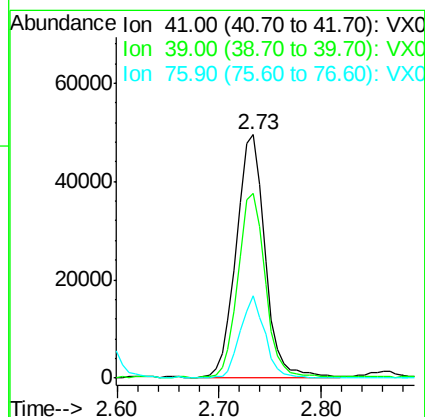
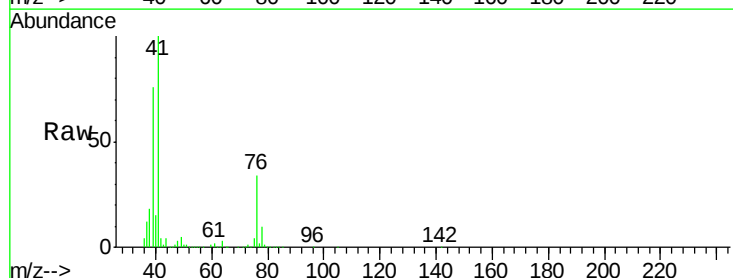
Tgt Ion: 41 Resp: 95928

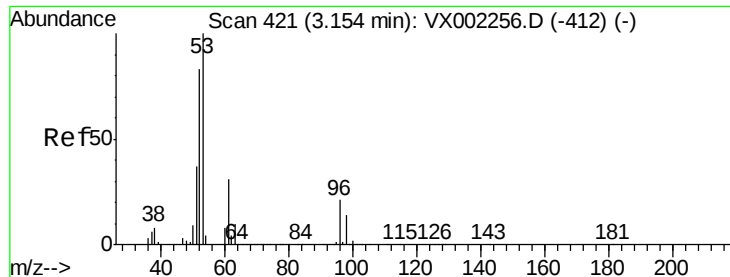
Ion Ratio Lower Upper

41 100

39 72.3 56.8 85.2

76 28.6 23.8 35.8





#15

Acrylonitrile

Concen: 119.338 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002382.D

Acq: 07 Jun 2018 17:14

Instrument :

MSVOA_X

ClientSampleId :

VX0607WBSD01

Tgt Ion: 53 Resp: 160848

Ion Ratio Lower Upper

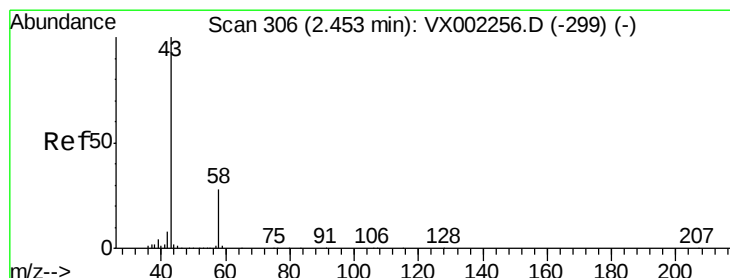
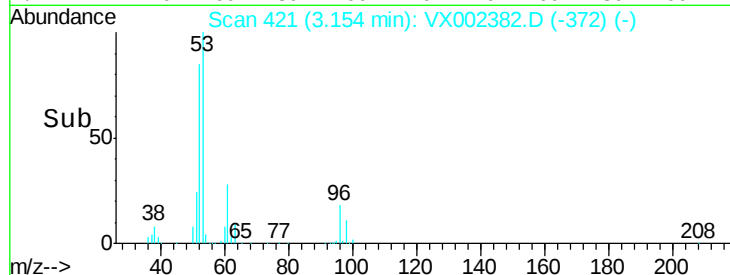
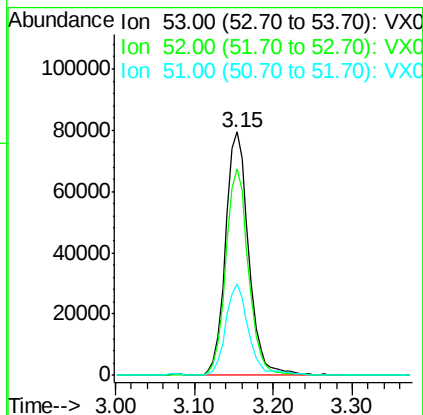
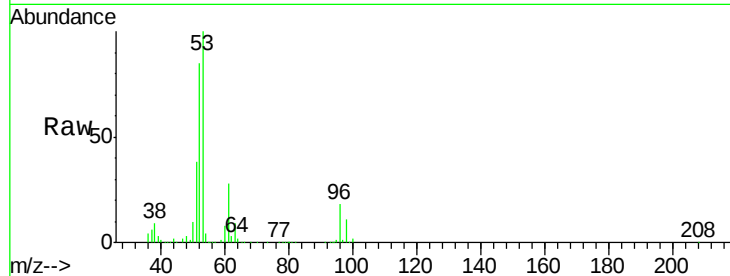
53 100

52 83.4 66.7 100.1

51 37.1 29.9 44.9

Manual Integrations
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#16

Acetone

Concen: 120.203 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002382.D

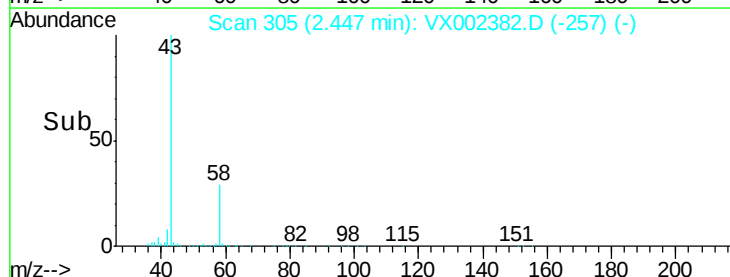
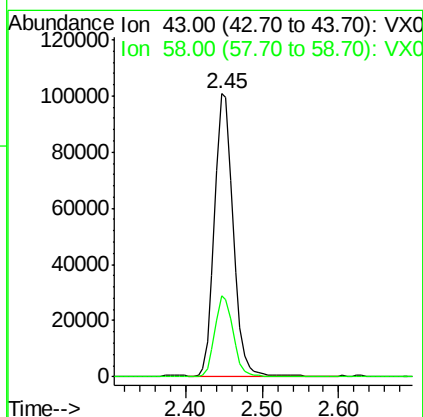
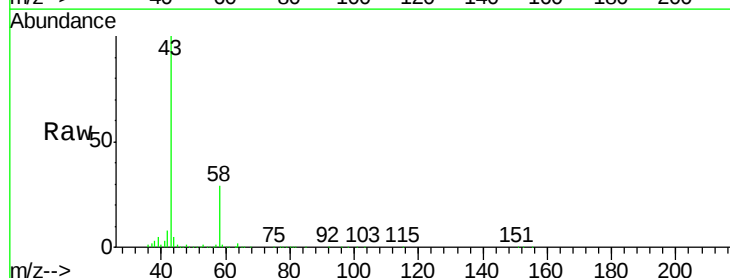
Acq: 07 Jun 2018 17:14

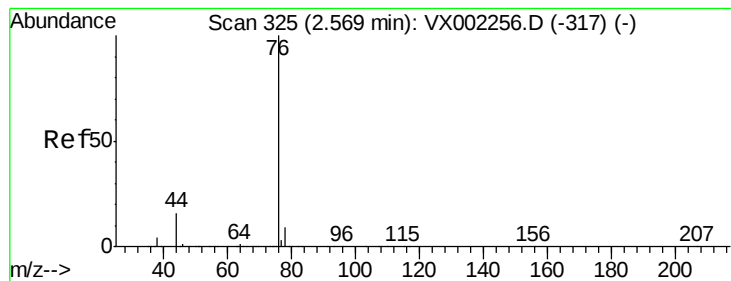
Tgt Ion: 43 Resp: 170060

Ion Ratio Lower Upper

43 100

58 28.9 22.1 33.1





#17

Carbon Disulfide

Concen: 17.641 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.01 min

Lab File: VX002382.D

Acq: 07 Jun 2018 17:14

Instrument :

MSVOA_X

ClientSampleId :

VX0607WBSD01

Tgt Ion: 76 Resp: 105160

Ion Ratio Lower Upper

76 100

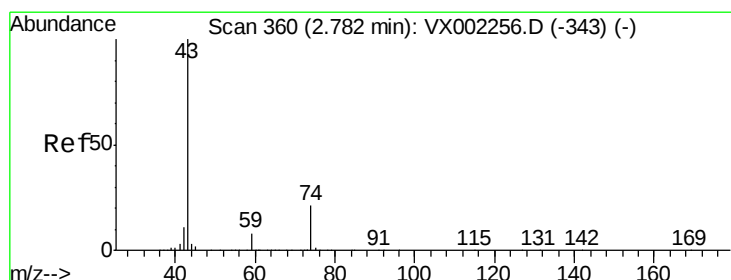
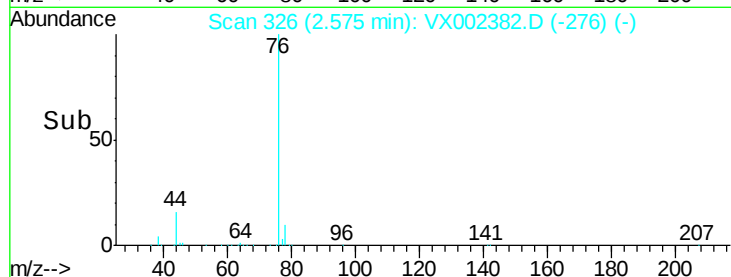
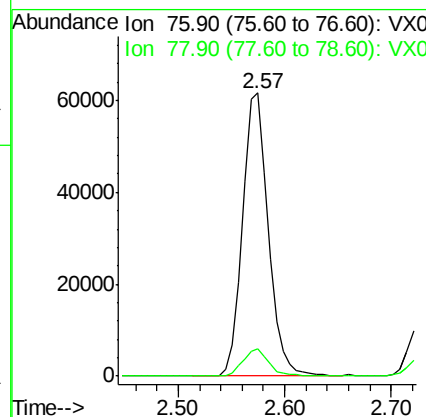
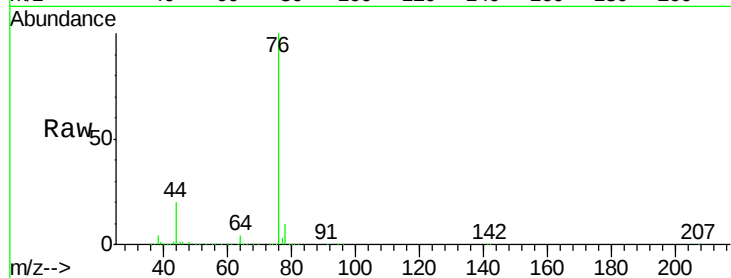
78 9.6 6.9 10.3

Manual Integrations

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#18

Methyl Acetate

Concen: 24.436 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX002382.D

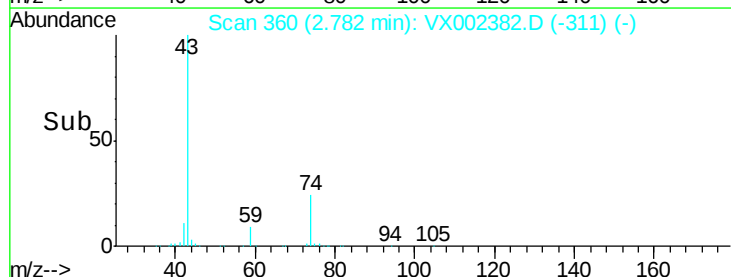
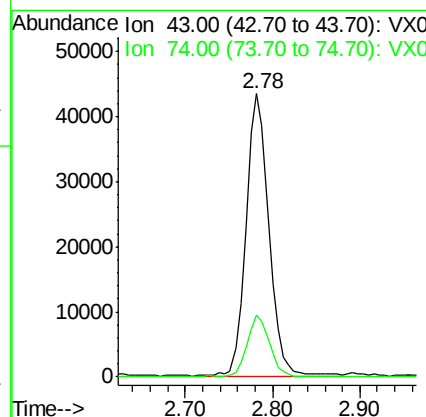
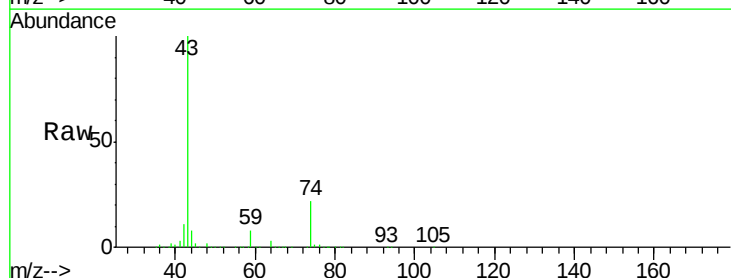
Acq: 07 Jun 2018 17:14

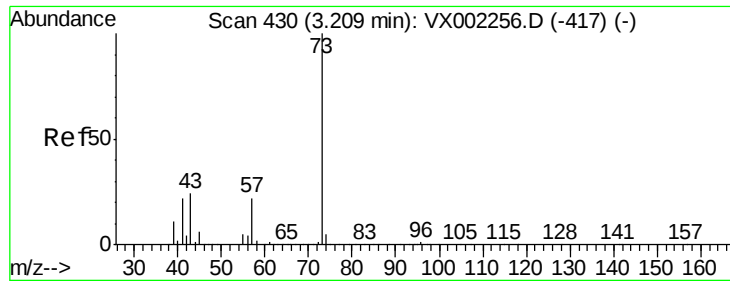
Tgt Ion: 43 Resp: 78572

Ion Ratio Lower Upper

43 100

74 22.0 16.7 25.1





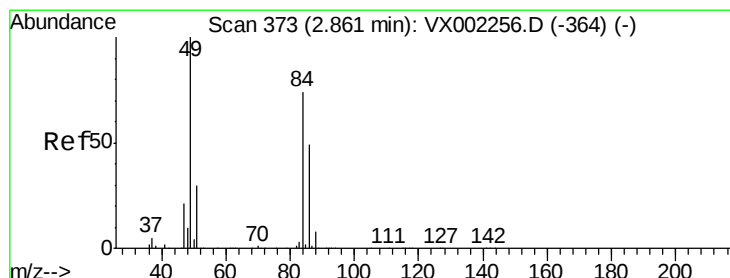
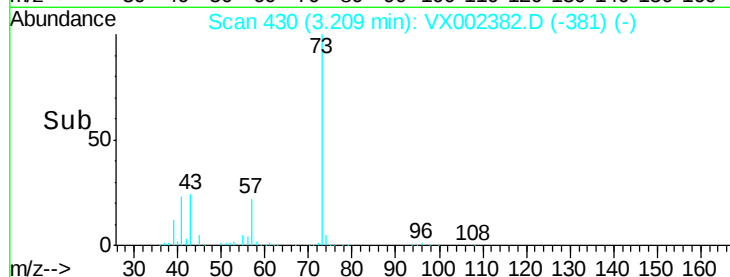
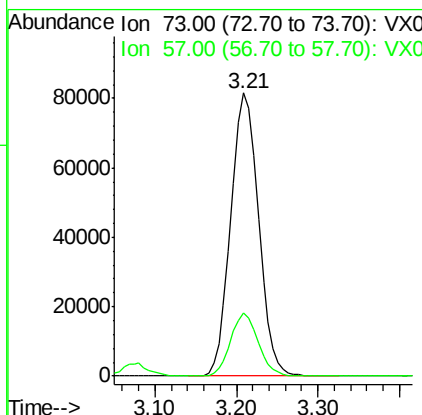
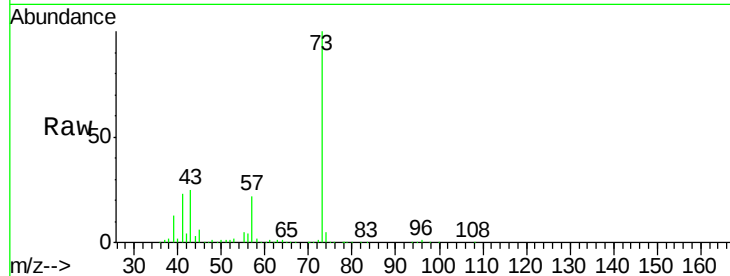
#19
Methyl tert-butyl Ether
Concen: 23.154 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX002382.D
Acq: 07 Jun 2018 17:14

Instrument :
MSVOA_X
ClientSampleId :
VX0607WBSD01

Tgt Ion: 73 Resp: 192466
Ion Ratio Lower Upper
73 100
57 22.1 17.7 26.5

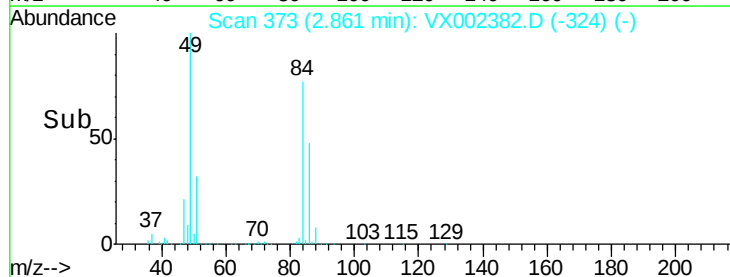
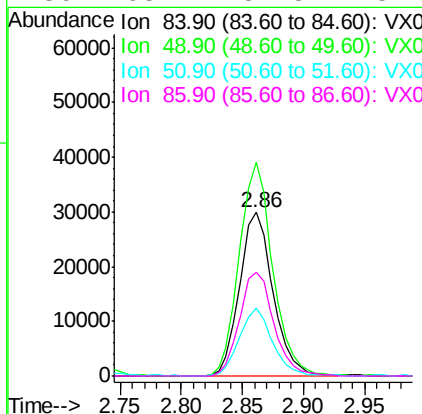
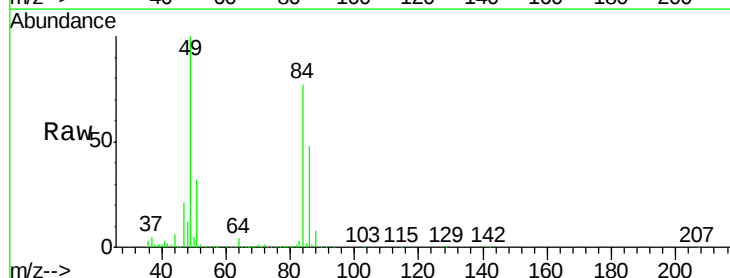
Manual Integrations
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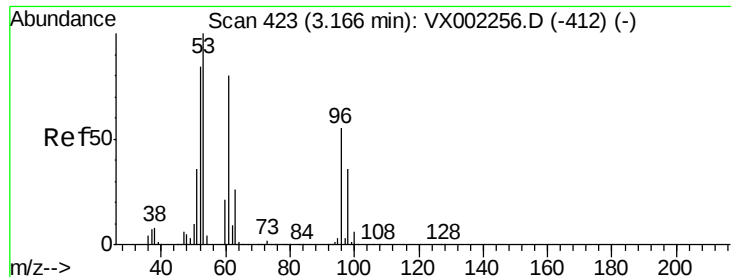
MMDadoda
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#20
Methylene Chloride
Concen: 22.172 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002382.D
Acq: 07 Jun 2018 17:14

Tgt Ion: 84 Resp: 56954
Ion Ratio Lower Upper
84 100
49 130.7 107.8 161.6
51 41.3 32.8 49.2
86 63.1 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 19.962 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002382.D

Acq: 07 Jun 2018 17:14

Instrument :

MSVOA_X

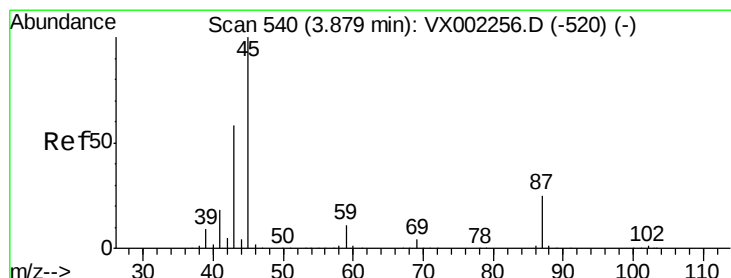
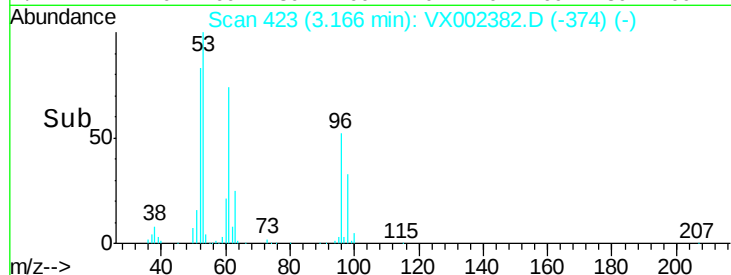
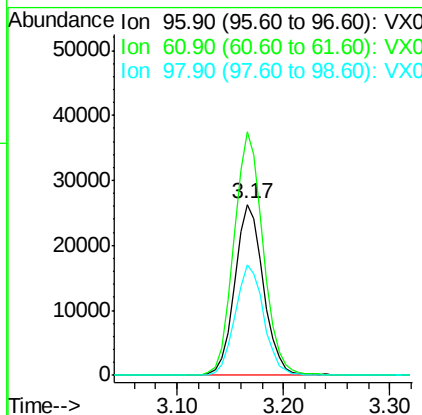
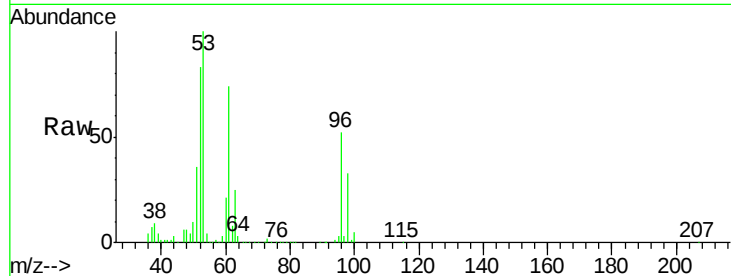
ClientSampleId :

VX0607WBSD01

Tgt Ion:	96	Resp:	49786
Ion	Ratio	Lower	Upper
96	100		
61	142.4	117.0	175.4
98	64.5	52.4	78.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 20.101 ug/l

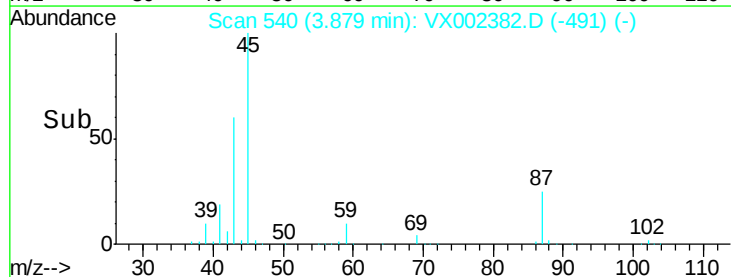
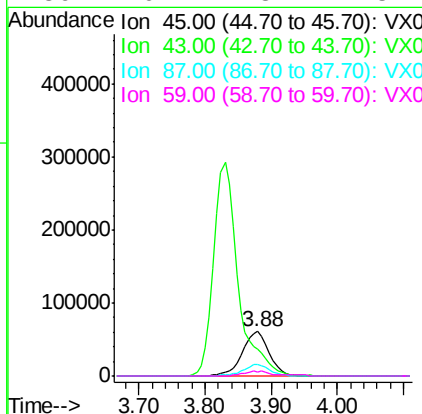
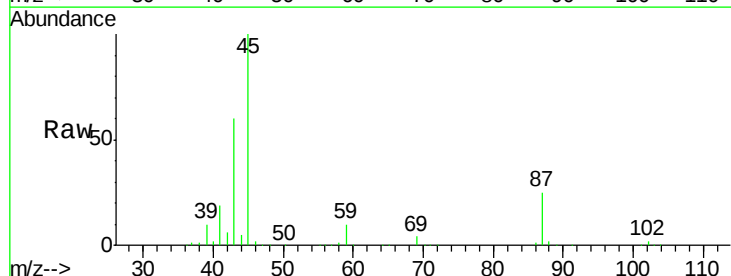
RT: 3.88 min Scan# 540

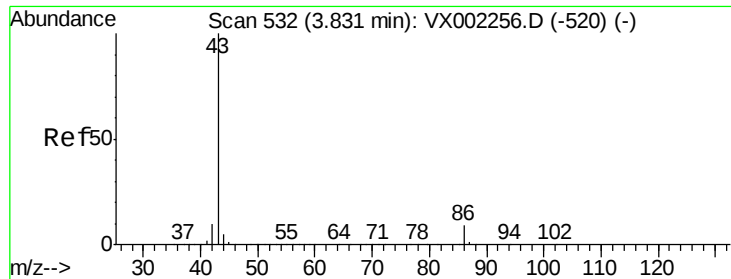
Delta R.T. 0.00 min

Lab File: VX002382.D

Acq: 07 Jun 2018 17:14

Tgt Ion:	45	Resp:	172115
Ion	Ratio	Lower	Upper
45	100		
43	59.6	46.8	70.2
87	25.3	20.2	30.4
59	10.2	8.7	13.1





#23

Vinyl Acetate

Concen: 95.381 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX002382.D

Acq: 07 Jun 2018 17:14

Instrument :

MSVOA_X

ClientSampleId :

VX0607WBSD01

Tgt Ion: 43 Resp: 758920

Ion Ratio Lower Upper

43 100

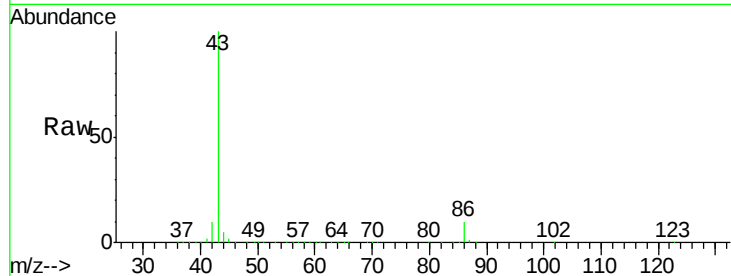
86 9.6 7.4 11.0

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.83

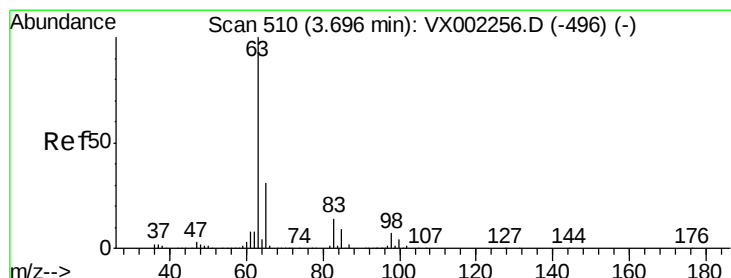
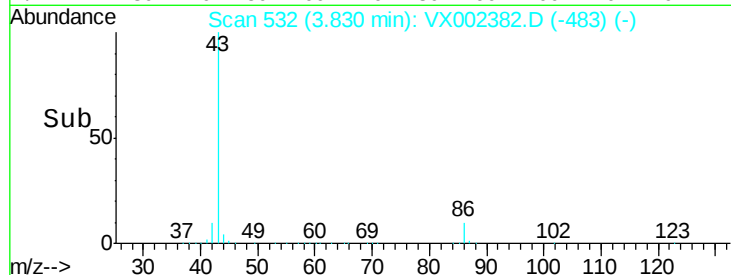
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 18.673 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX002382.D

Acq: 07 Jun 2018 17:14

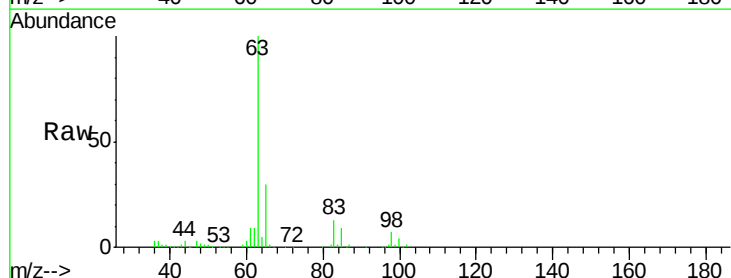
Tgt Ion: 63 Resp: 90584

Ion Ratio Lower Upper

63 100

98 6.9 3.4 10.2

100 4.1 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.70

50000

40000

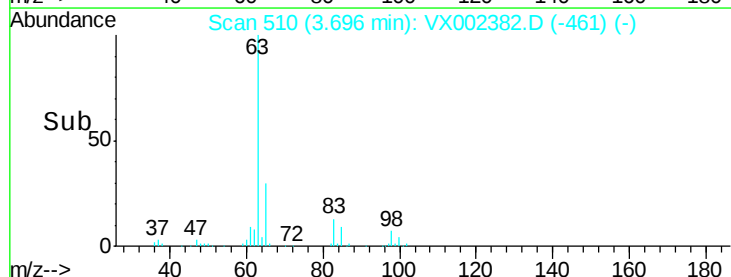
30000

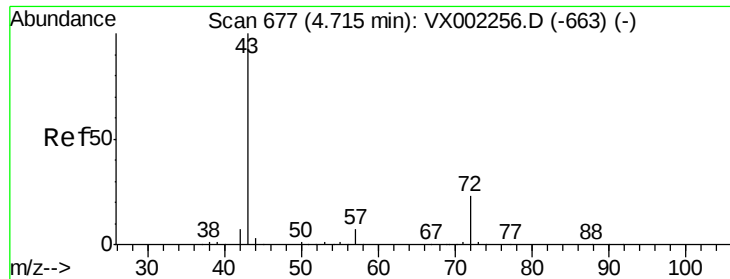
20000

10000

0

Time-->





#25

2-Butanone

Concen: 102.156 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX002382.D

Acq: 07 Jun 2018 17:14

Instrument :

MSVOA_X

ClientSampleId :

VX0607WBSD01

Tgt Ion: 43 Resp: 212798

Ion Ratio Lower Upper

43 100

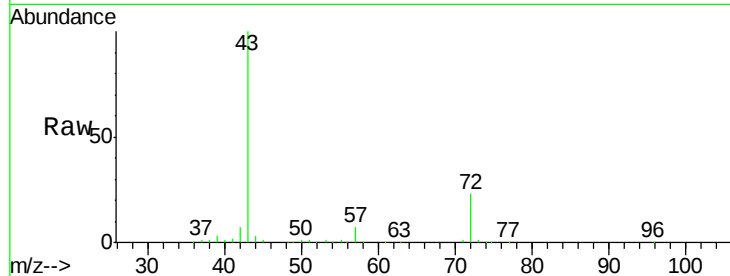
72 23.4 18.5 27.7

Manual Integrations

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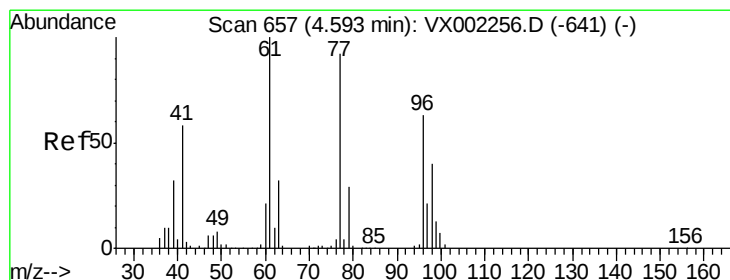
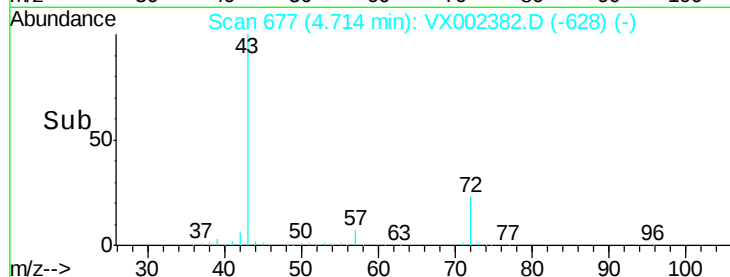
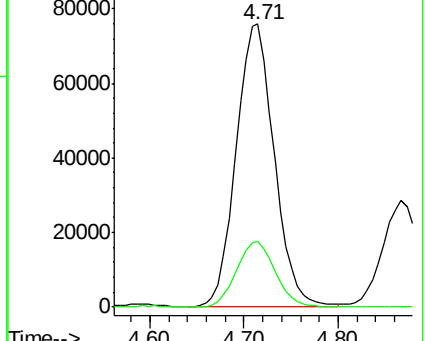
MMDadoda

6/8/2018 1:20:26 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 16.867 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX002382.D

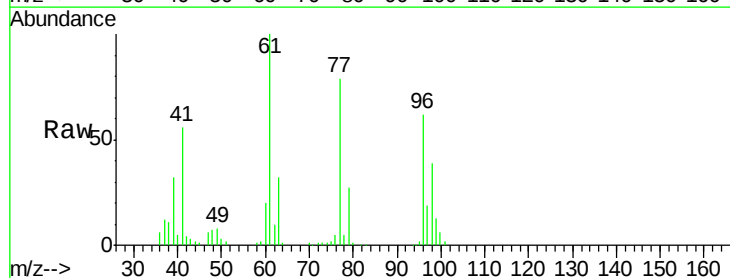
Acq: 07 Jun 2018 17:14

Tgt Ion: 77 Resp: 63958

Ion Ratio Lower Upper

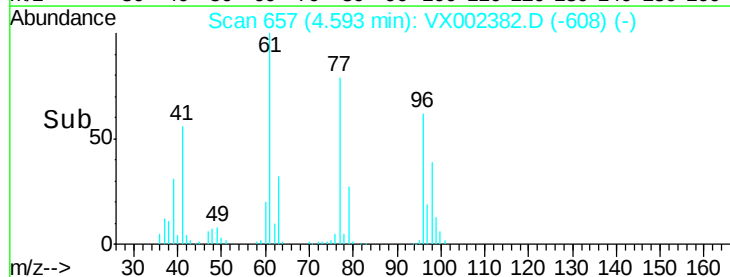
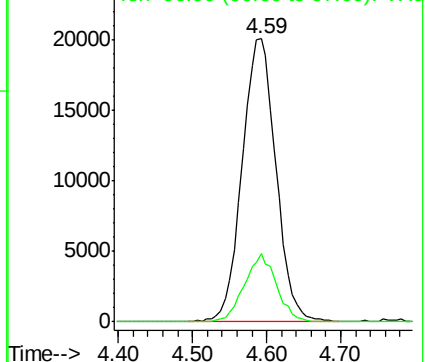
77 100

97 22.7 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

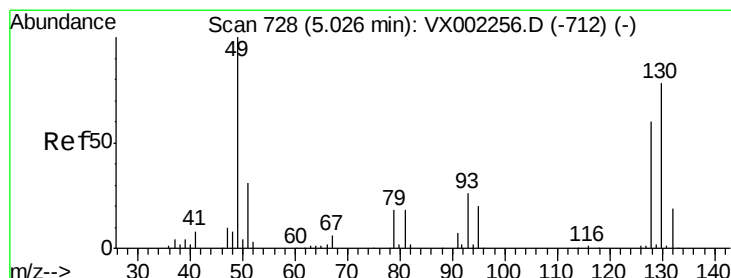
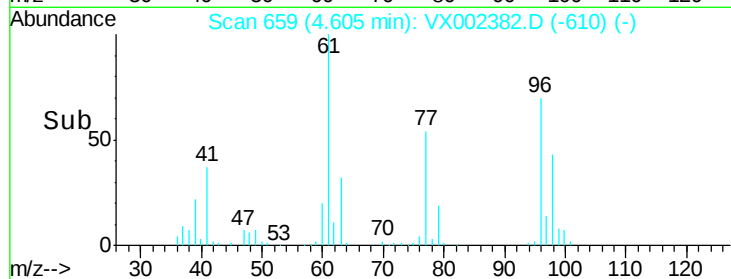
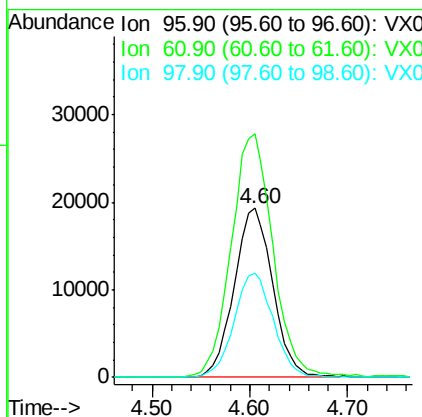
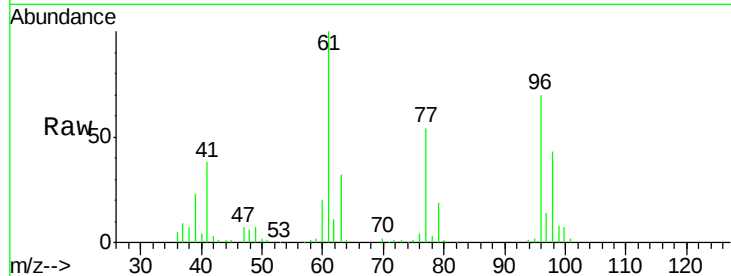
cis-1,2-Dichloroethene
Concen: 19.443 ug/l
RT: 4.60 min Scan# 659
Delta R.T. -0.00 min
Lab File: VX002382.D
Acq: 07 Jun 2018 17:14

Instrument :
MSVOA_X
ClientSampleId :
VX0607WBSD01

Tgt Ion	Ratio	Lower	Upper
96	100		
61	156.7	0.0	330.2
98	62.4	0.0	130.2

Manual Integrations
APPROVED

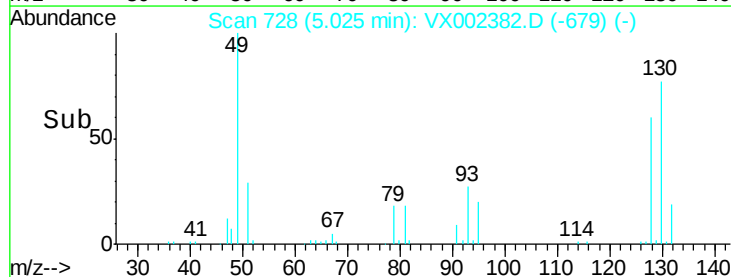
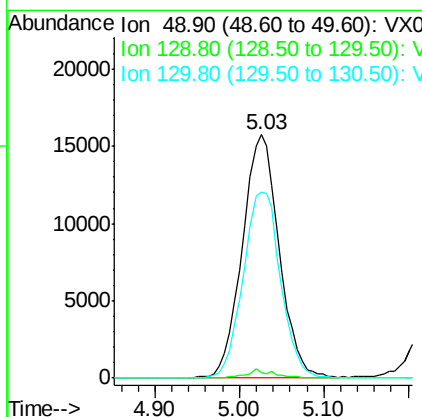
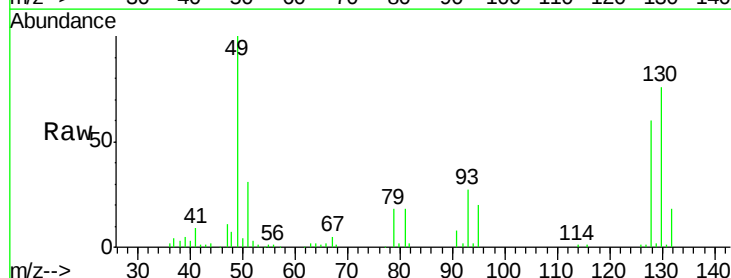
MMDadoda
6/8/2018 1:20:26 PM

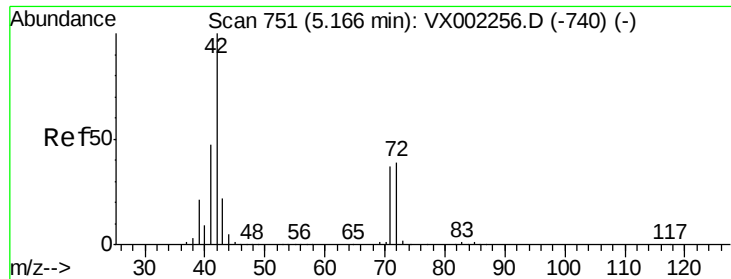


#28

Bromochloromethane
Concen: 20.596 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.00 min
Lab File: VX002382.D
Acq: 07 Jun 2018 17:14

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.2
130	77.5	61.2	91.8





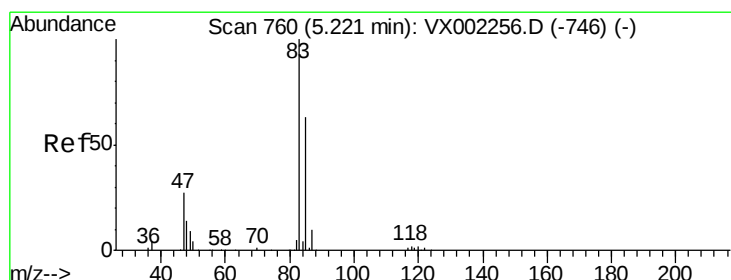
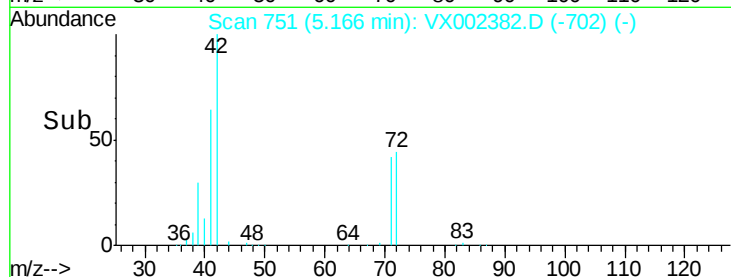
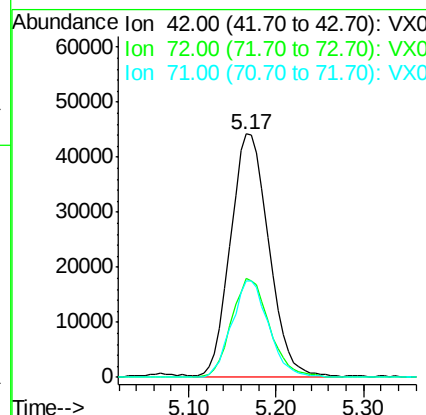
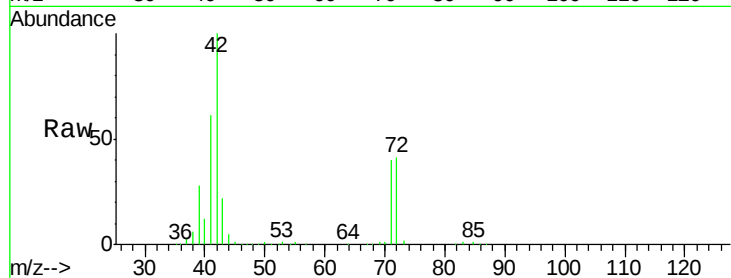
#29
Tetrahydrofuran
Concen: 100.067 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.00 min
Lab File: VX002382.D
Acq: 07 Jun 2018 17:14

Instrument :
MSVOA_X
ClientSampleId :
VX0607WBSD01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	40.6	32.0	48.0
71	38.5	30.1	45.1

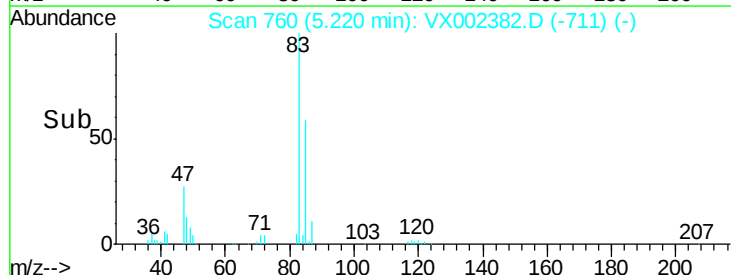
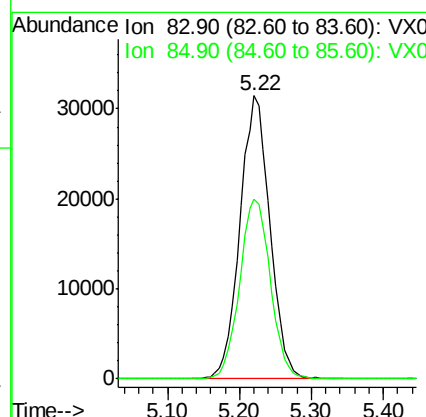
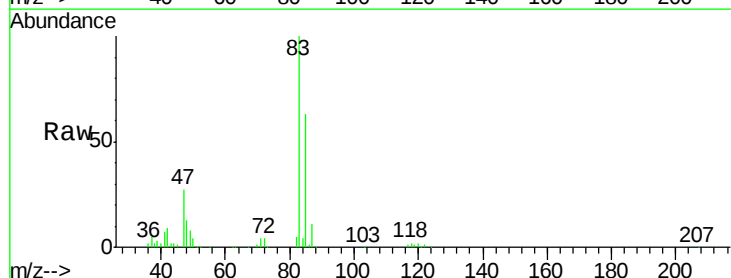
Manual Integrations
APPROVED

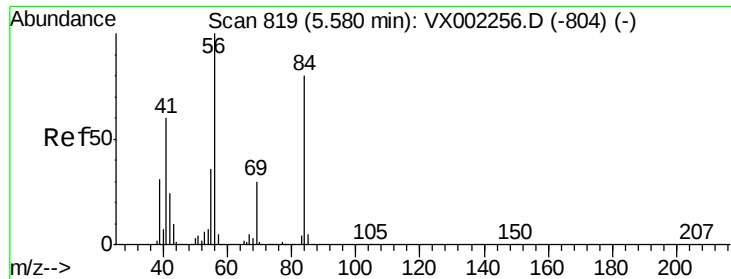
MMDadoda
6/8/2018 1:20:26 PM



#30
Chloroform
Concen: 19.373 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX002382.D
Acq: 07 Jun 2018 17:14

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.3	50.4	75.6





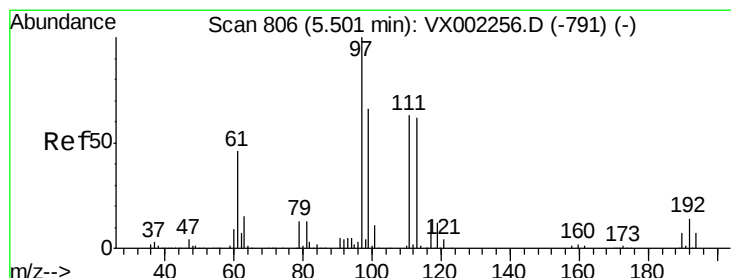
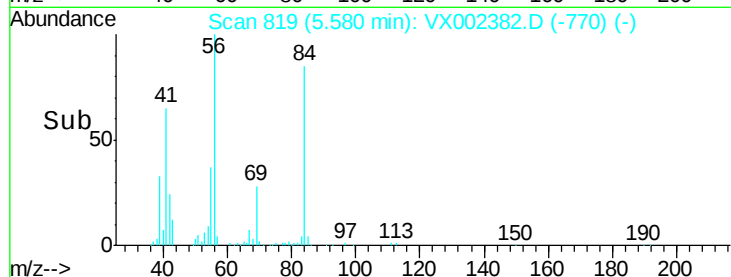
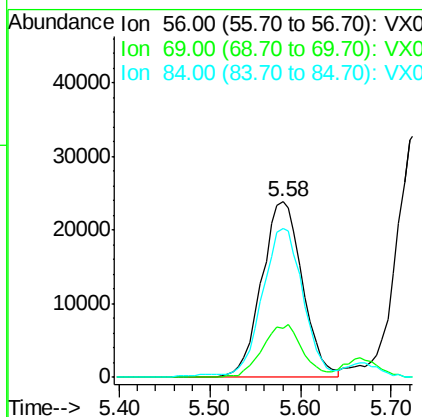
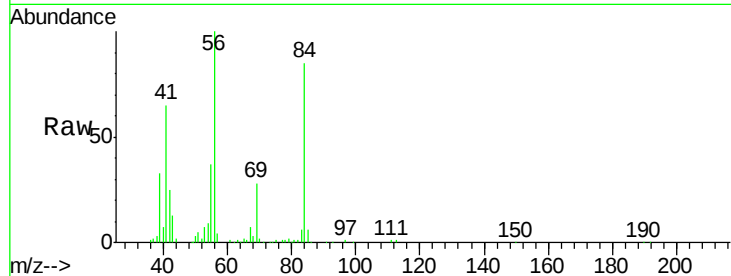
#31
Cyclohexane
Concen: 19.381 ug/l
RT: 5.58 min Scan# 819
Delta R.T. -0.00 min
Lab File: VX002382.D
Acq: 07 Jun 2018 17:14

Instrument :
MSVOA_X
ClientSampleId :
VX0607WBSD01

Tgt Ion: 56 Resp: 74345
Ion Ratio Lower Upper
56 100
69 28.3 23.7 35.5
84 84.0 64.1 96.1

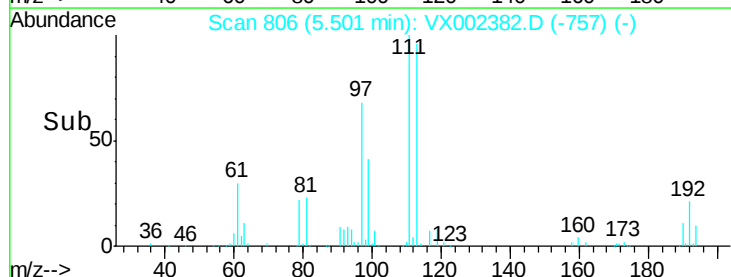
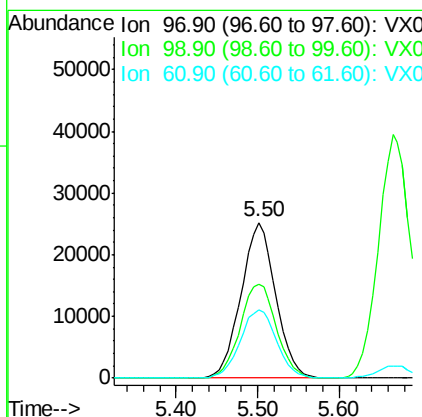
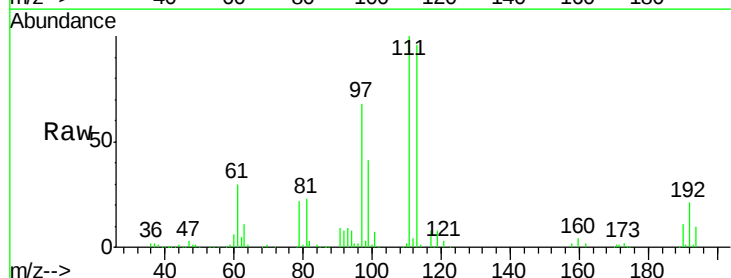
Manual Integrations
APPROVED

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#32
1,1,1-Trichloroethane
Concen: 18.739 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX002382.D
Acq: 07 Jun 2018 17:14

Tgt Ion: 97 Resp: 74390
Ion Ratio Lower Upper
97 100
99 63.4 51.6 77.4
61 46.3 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 49.278 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX002382.D

Acq: 07 Jun 2018 17:14

Instrument :

MSVOA_X

ClientSampleId :

VX0607WBSD01

Tgt Ion: 65 Resp: 149861

Ion Ratio Lower Upper

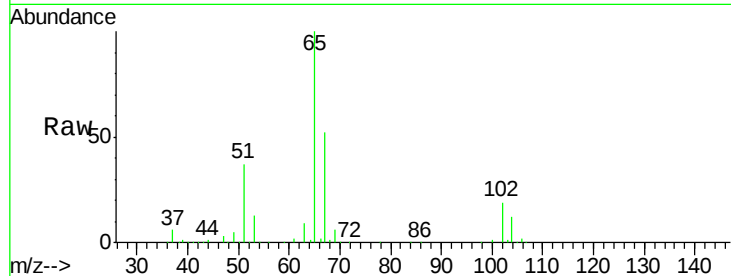
65 100

67 51.8 0.0 102.6

Manual Integrations
APPROVED

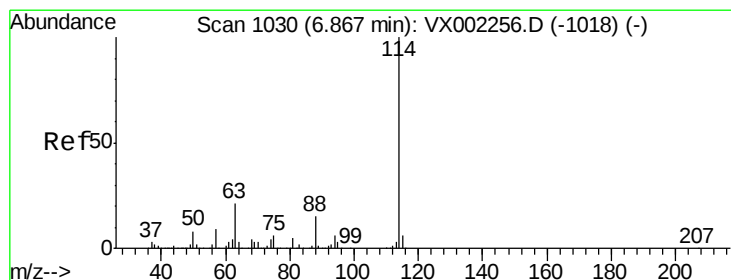
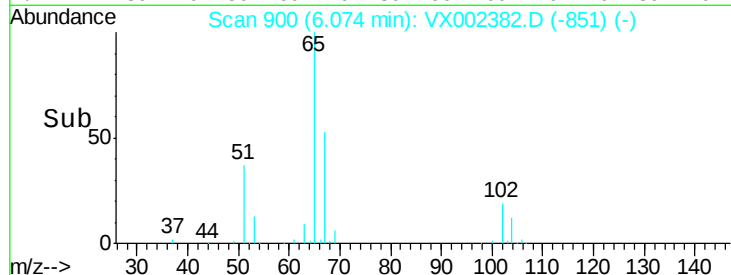
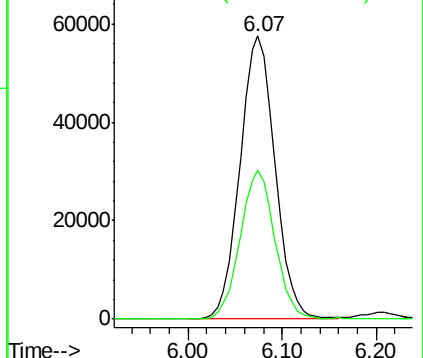
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002382.D

Acq: 07 Jun 2018 17:14

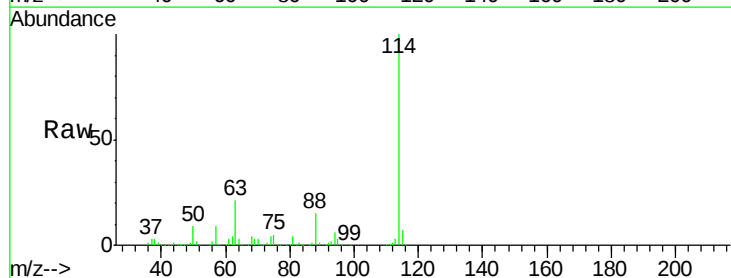
Tgt Ion: 114 Resp: 314069

Ion Ratio Lower Upper

114 100

63 21.0 0.0 41.4

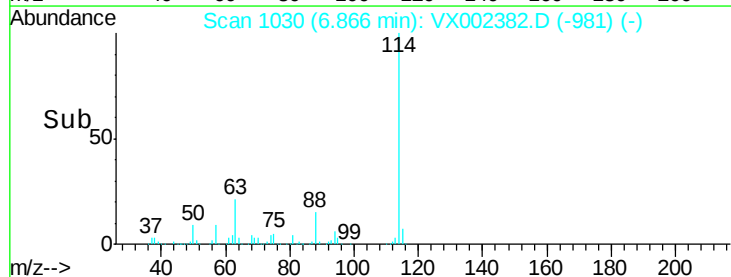
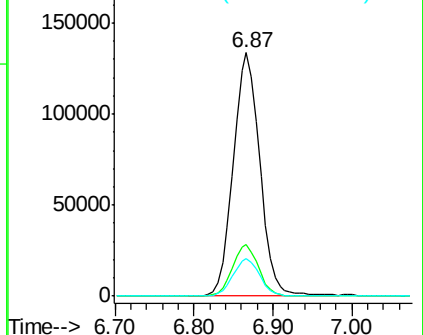
88 15.4 0.0 30.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





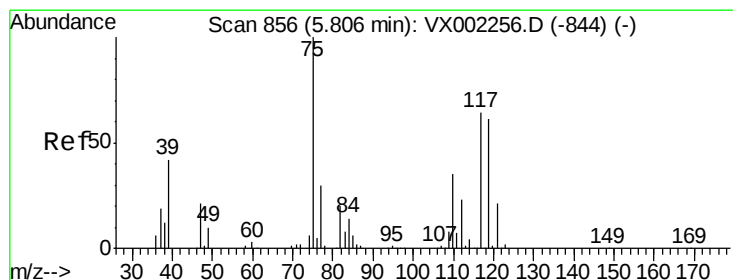
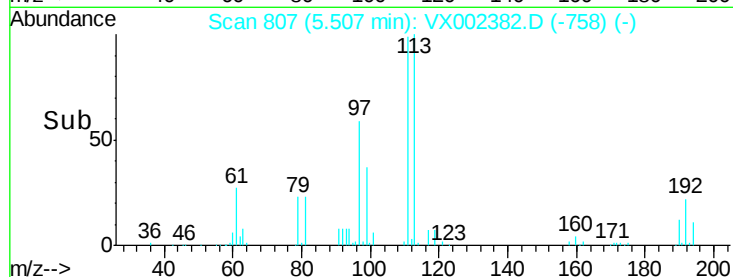
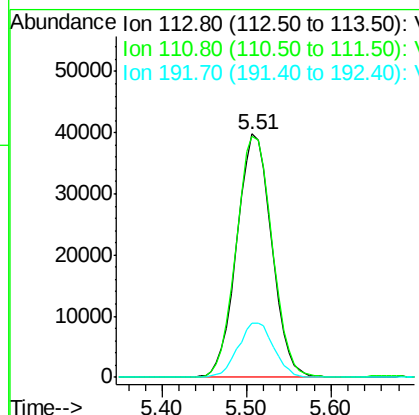
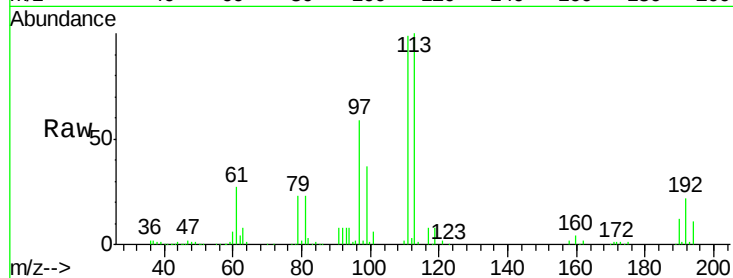
#35
 Dibromofluoromethane
 Concen: 45.117 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX002382.D
 Acq: 07 Jun 2018 17:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0607WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	111432		
111	102.1	81.4	122.0	
192	23.0	19.1	28.7	

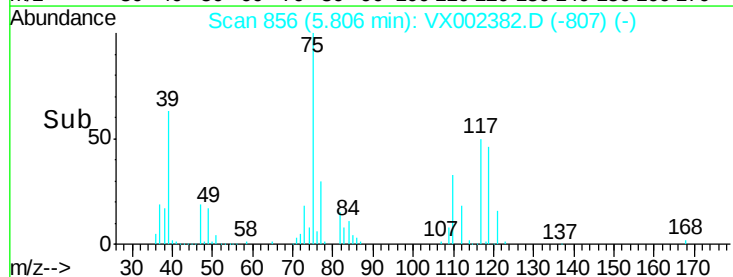
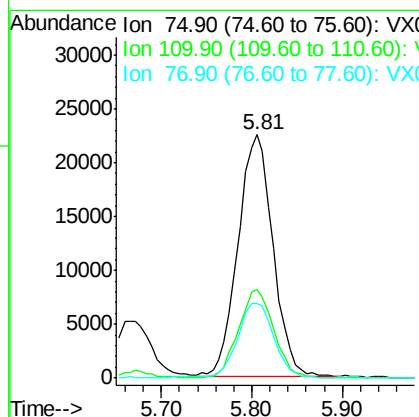
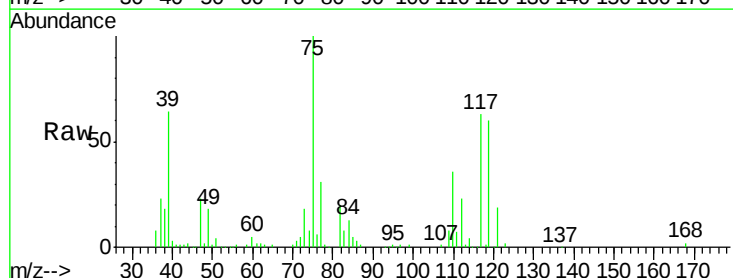
Manual Integrations
 APPROVED

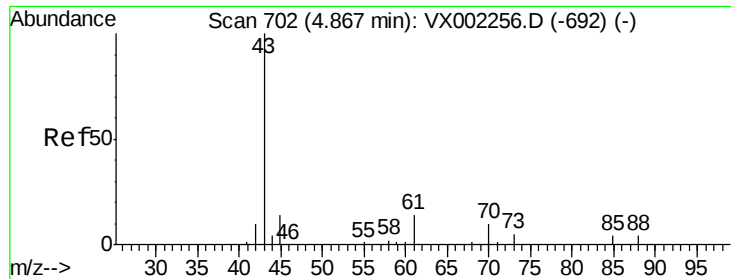
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#36
 1,1-Dichloropropene
 Concen: 18.242 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. -0.00 min
 Lab File: VX002382.D
 Acq: 07 Jun 2018 17:14

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	60232		
110	36.8	18.1	54.4	
77	32.6	24.3	36.5	





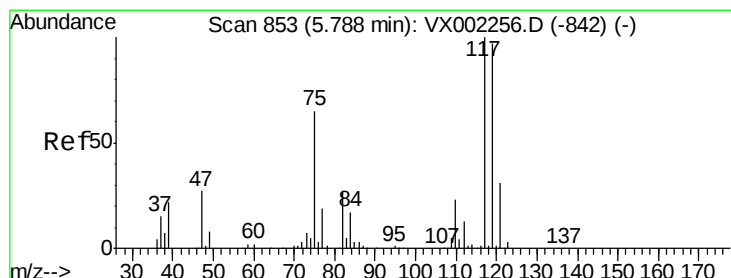
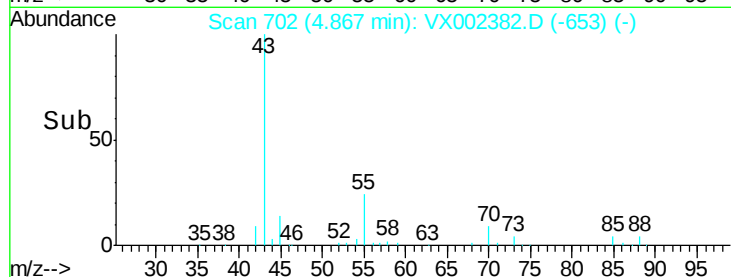
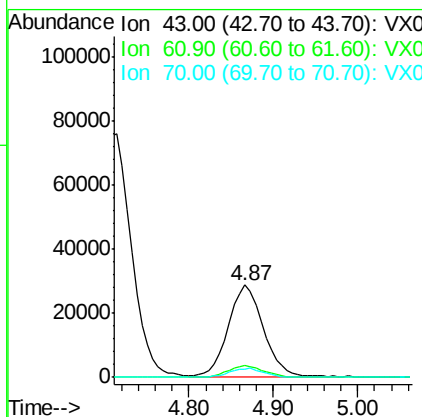
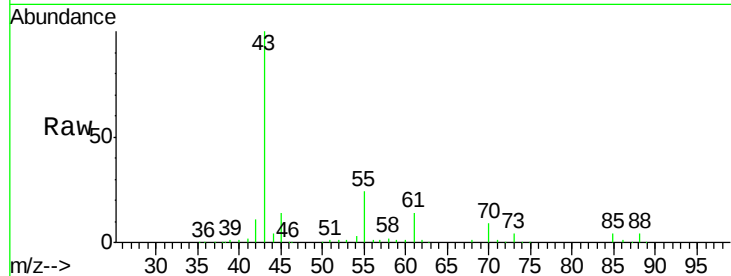
#37
Ethyl Acetate
Concen: 20.471 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.00 min
Lab File: VX002382.D
Acq: 07 Jun 2018 17:14

Instrument :
MSVOA_X
ClientSampleId :
VX0607WBSD01

Tgt Ion: 43 Resp: 81284
Ion Ratio Lower Upper
43 100
61 13.2 10.4 15.6
70 9.7 7.6 11.4

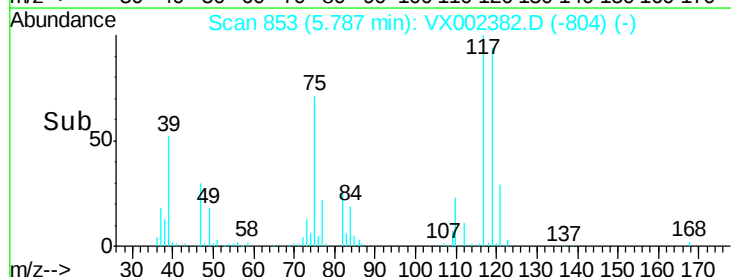
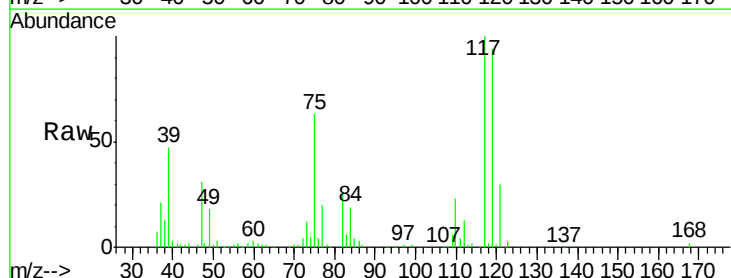
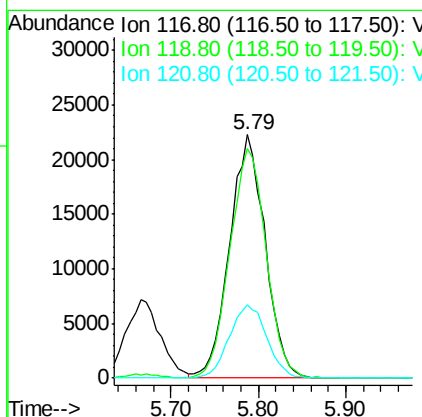
Manual Integrations
APPROVED

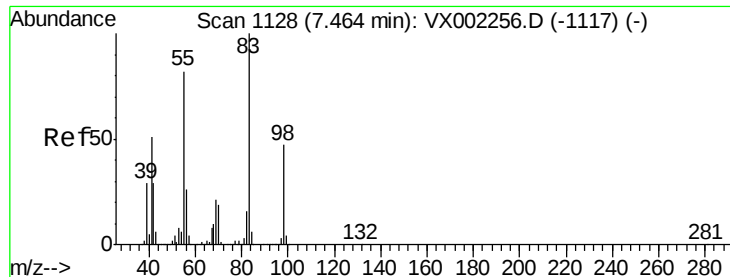
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#38
Carbon Tetrachloride
Concen: 18.194 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX002382.D
Acq: 07 Jun 2018 17:14

Tgt Ion: 117 Resp: 62843
Ion Ratio Lower Upper
117 100
119 94.0 77.4 116.0
121 30.0 24.4 36.6





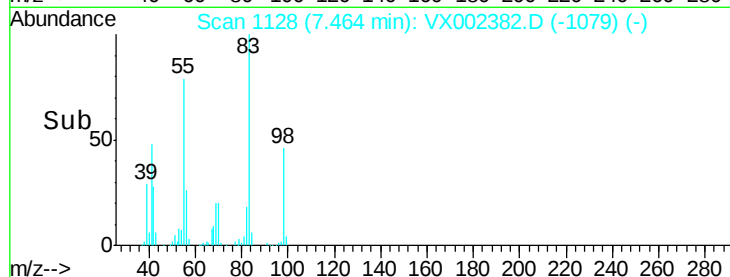
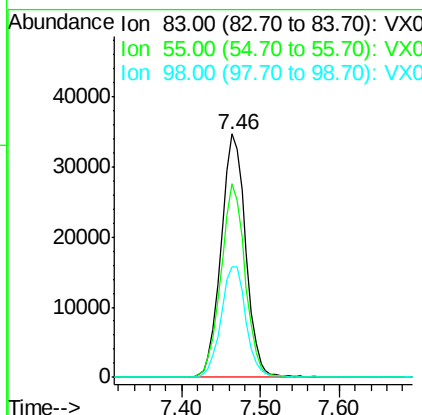
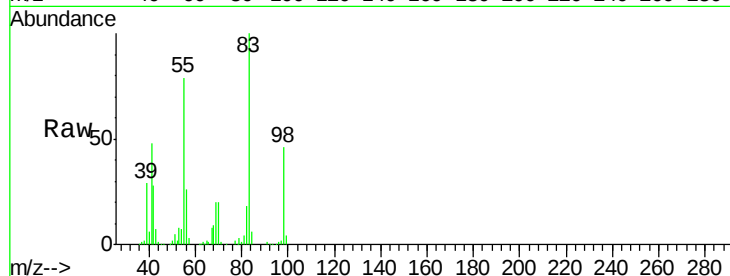
#39
Methylcyclohexane
Concen: 18.755 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002382.D
Acq: 07 Jun 2018 17:14

Instrument :
MSVOA_X
ClientSampleId :
VX0607WBSD01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	79.3	65.4	98.0
98	45.5	37.4	56.0

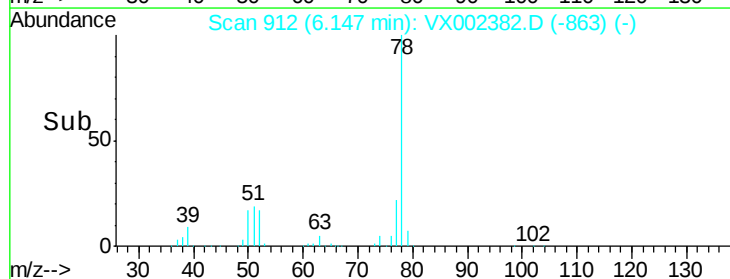
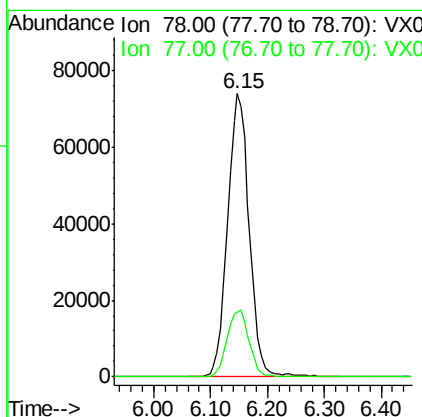
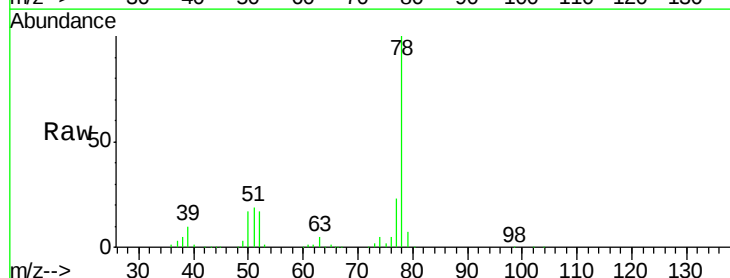
Manual Integrations
APPROVED

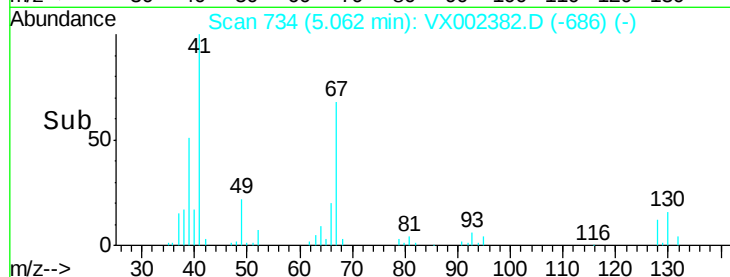
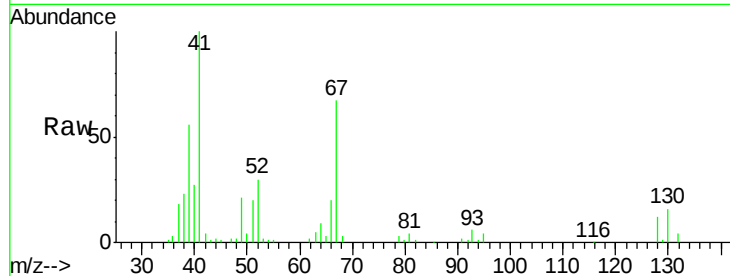
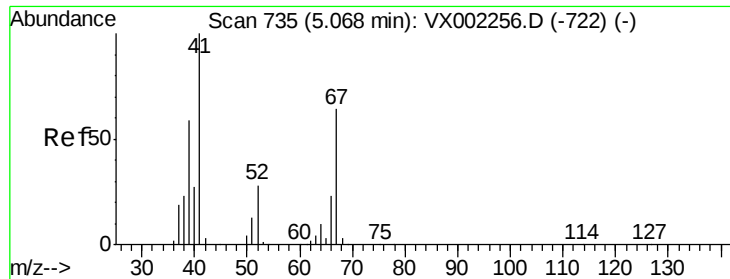
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#40
Benzene
Concen: 19.347 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002382.D
Acq: 07 Jun 2018 17:14

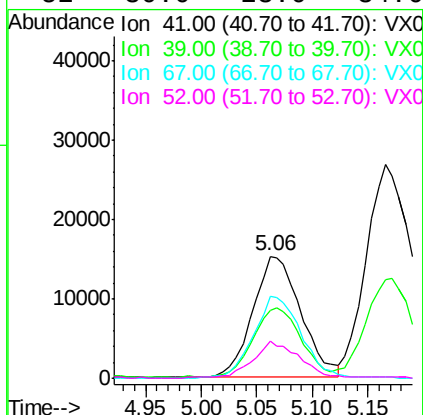
Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.6	19.1	28.7





#41
Methacrylonitrile
Concen: 20.131 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX002382.D
Acq: 07 Jun 2018 17:14

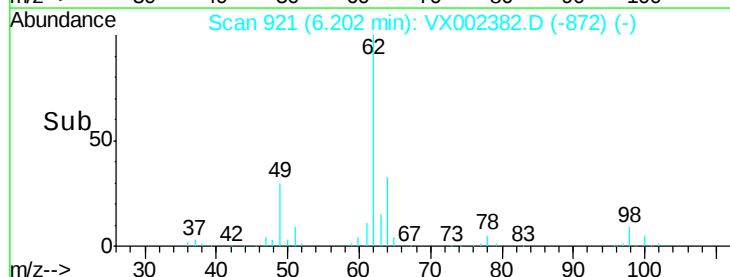
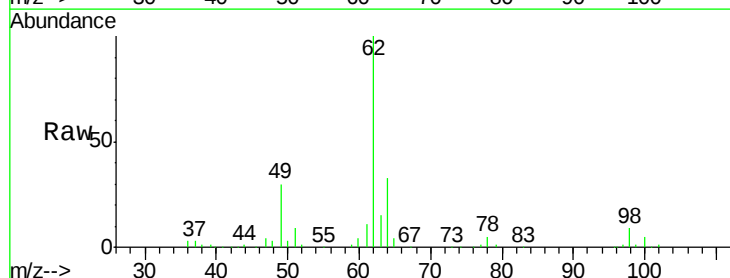
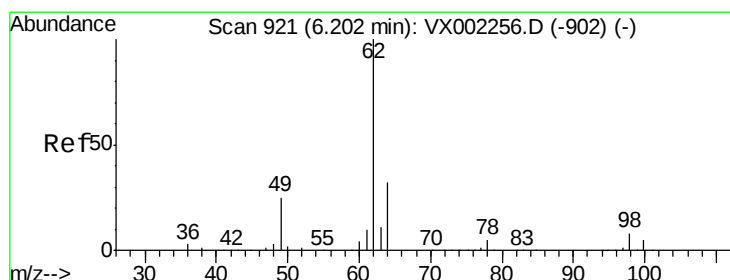
Tgt Ion	Ratio	Lower	Upper
41	100		
39	57.8	45.8	68.6
67	67.3	51.3	76.9
52	30.0	23.0	34.6



Instrument :
MSVOA_X
ClientSampleId :
VX0607WBSD01

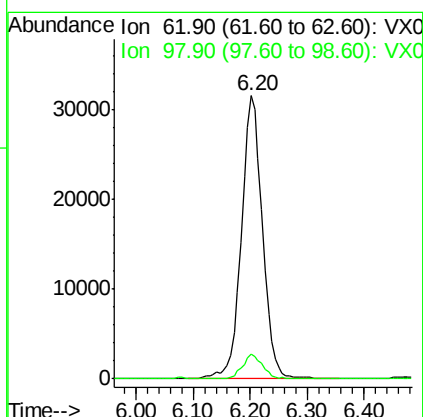
Manual Integrations
APPROVED

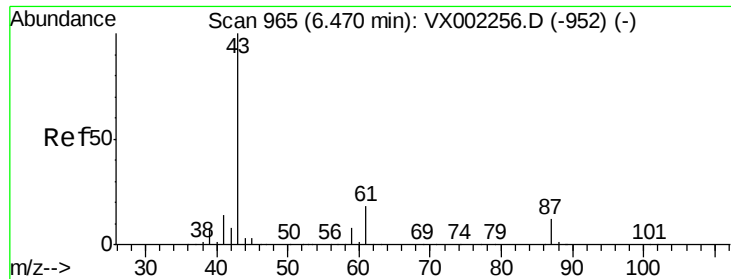
MMDadoda
6/8/2018 1:20:26 PM



#42
1,2-Dichloroethane
Concen: 20.331 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002382.D
Acq: 07 Jun 2018 17:14

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	16.6





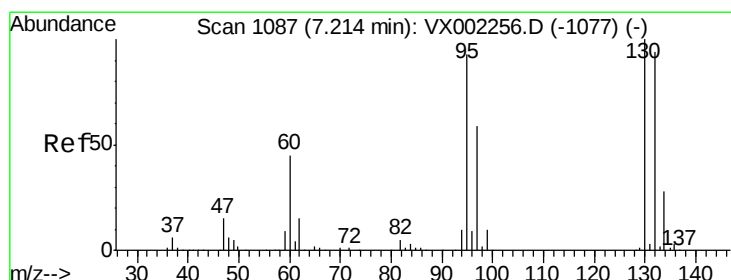
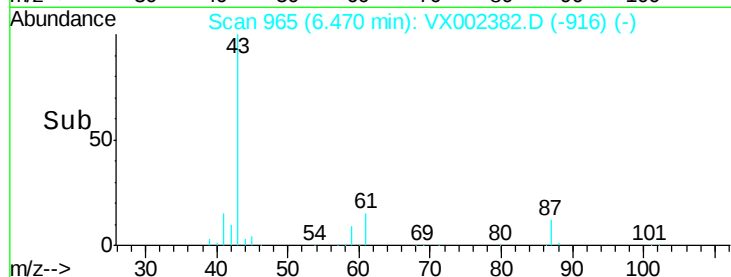
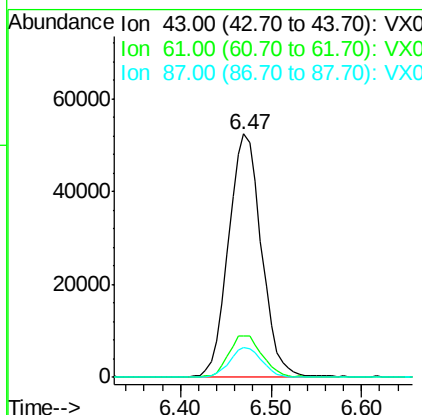
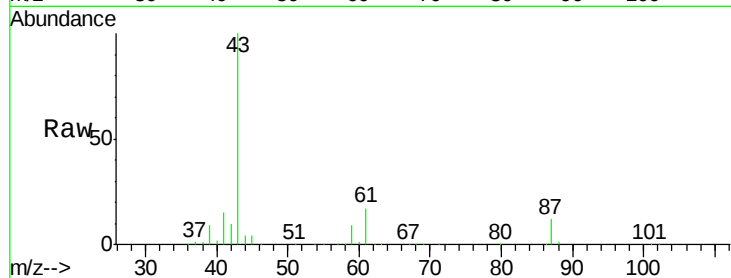
#43
Isopropyl Acetate
Concen: 19.666 ug/l
RT: 6.47 min Scan# 965
Delta R.T. -0.00 min
Lab File: VX002382.D
Acq: 07 Jun 2018 17:14

Instrument :
MSVOA_X
ClientSampleId :
VX0607WBSD01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	17.6	14.4	21.6
87	12.1	9.5	14.3

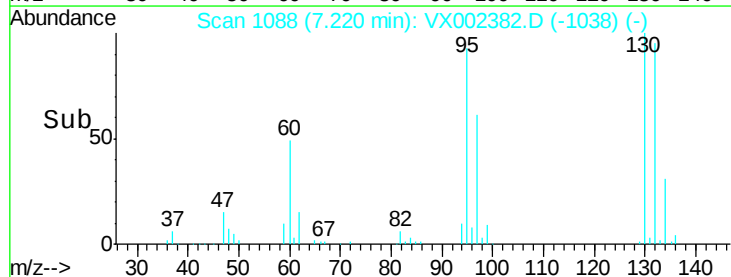
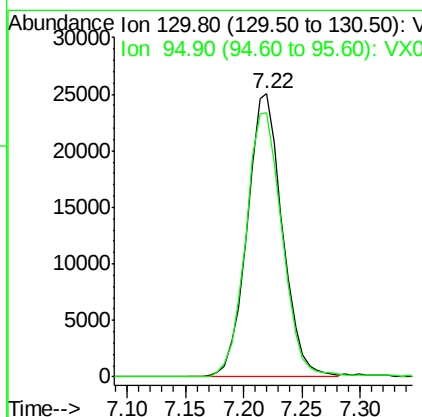
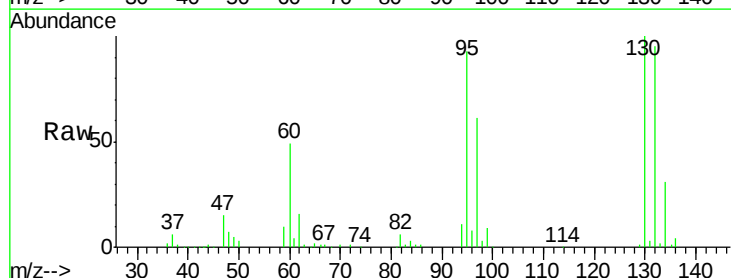
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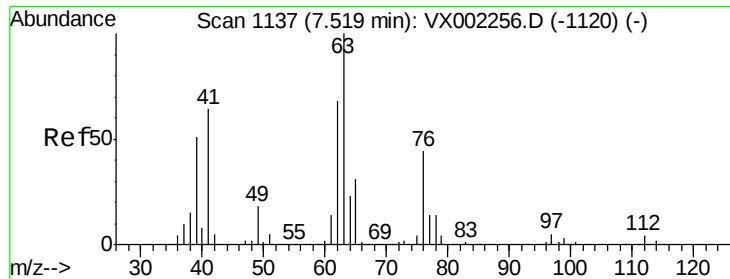
MMDadoda
6/8/2018 1:20:26 PM



#44
Trichloroethene
Concen: 18.715 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. 0.01 min
Lab File: VX002382.D
Acq: 07 Jun 2018 17:14

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.3	0.0	185.4





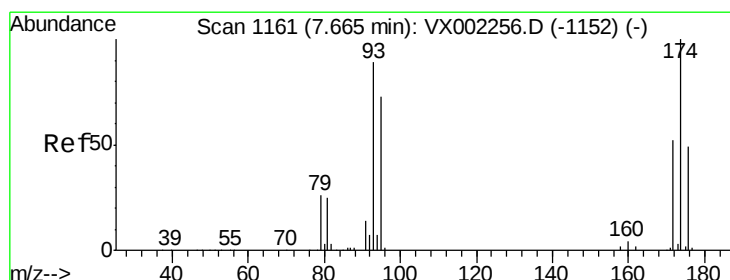
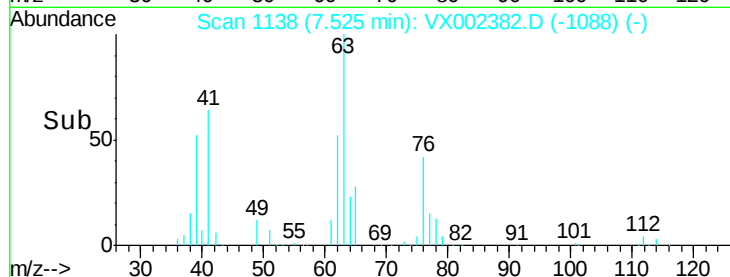
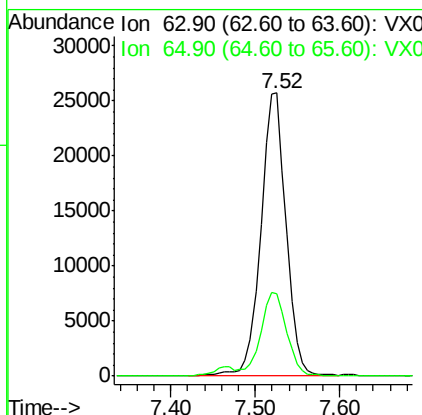
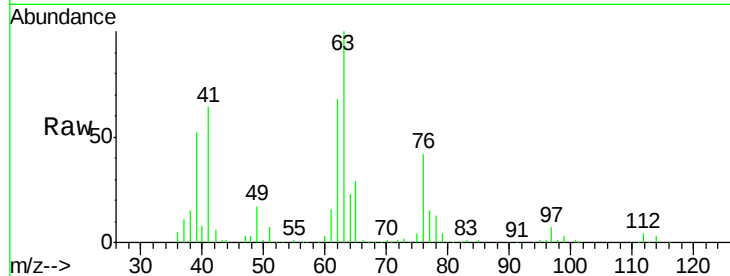
#45
 1,2-Dichloropropane
 Concen: 19.463 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. 0.01 min
 Lab File: VX002382.D
 Acq: 07 Jun 2018 17:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0607WBSD01

Tgt Ion: 63 Resp: 53193
 Ion Ratio Lower Upper
 63 100
 65 29.2 24.7 37.1

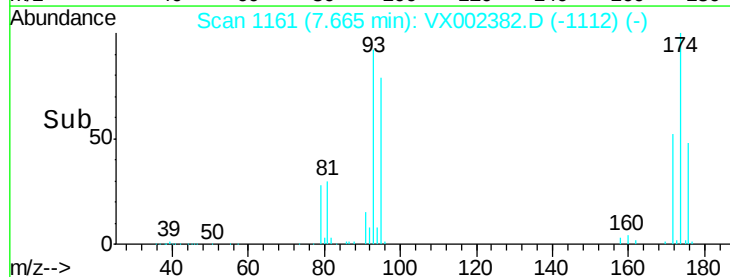
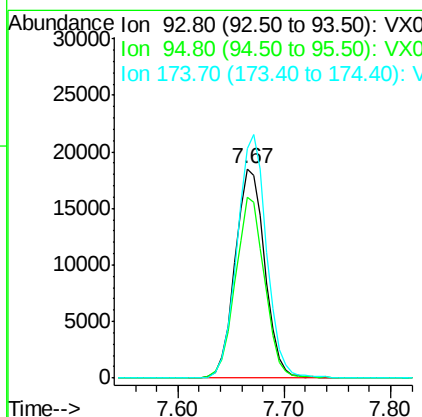
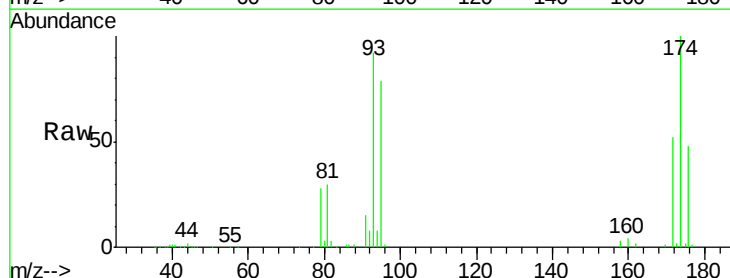
Manual Integrations
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#46
 Dibromomethane
 Concen: 19.606 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX002382.D
 Acq: 07 Jun 2018 17:14

Tgt Ion: 93 Resp: 36326
 Ion Ratio Lower Upper
 93 100
 95 84.6 65.9 98.9
 174 115.2 92.4 138.6





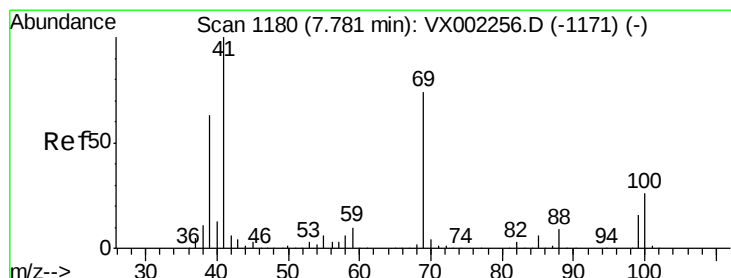
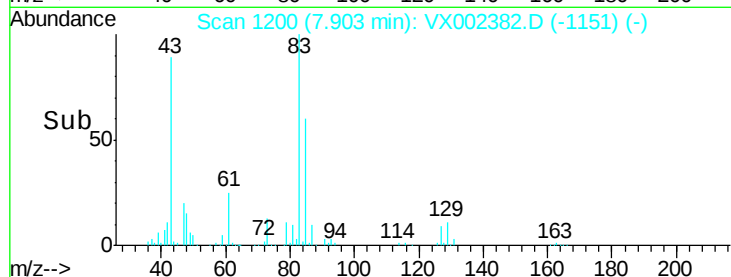
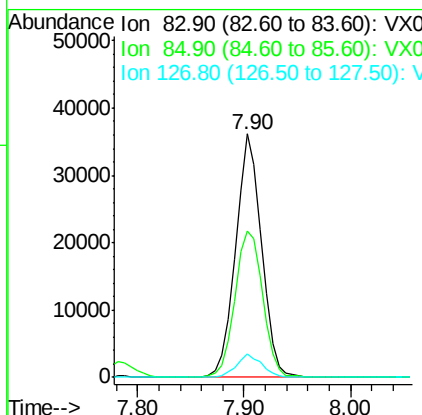
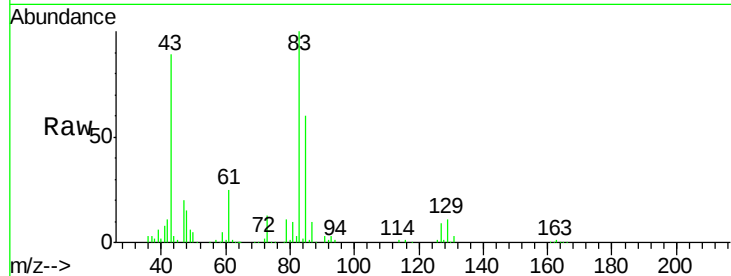
#47
 Bromodichloromethane
 Concen: 18.483 ug/l
 RT: 7.90 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: VX002382.D
 Acq: 07 Jun 2018 17:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0607WBSD01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	60.3	50.3	75.5
127	9.4	7.0	10.4

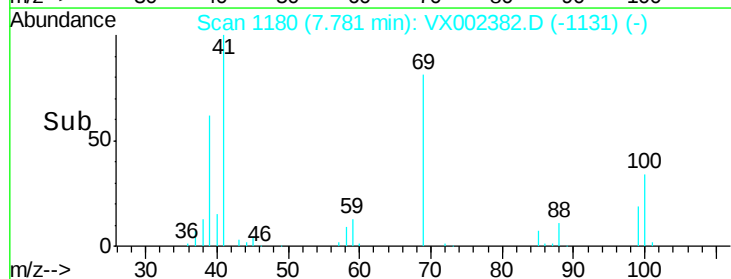
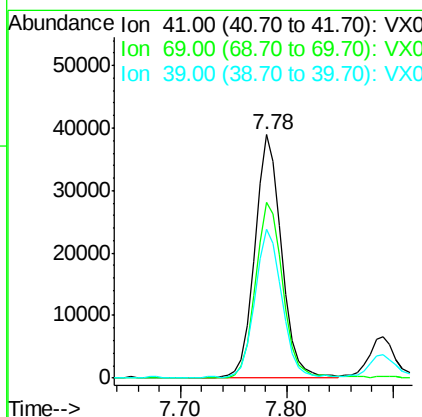
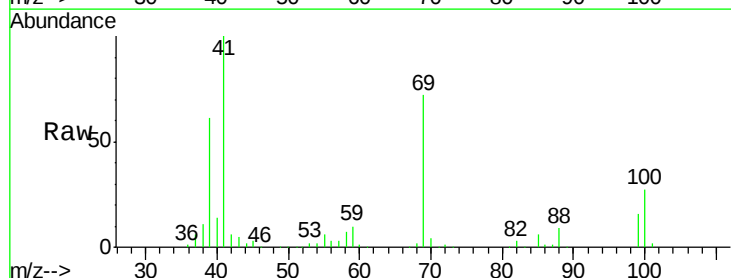
Manual Integrations
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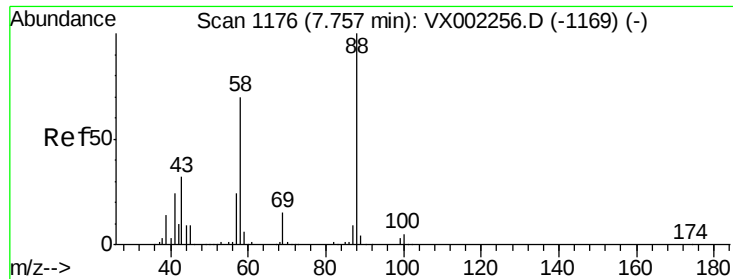
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#48
 Methyl methacrylate
 Concen: 20.055 ug/l
 RT: 7.78 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VX002382.D
 Acq: 07 Jun 2018 17:14

Tgt Ion	Ratio	Lower	Upper
41	100		
69	75.0	59.1	88.7
39	62.4	48.9	73.3





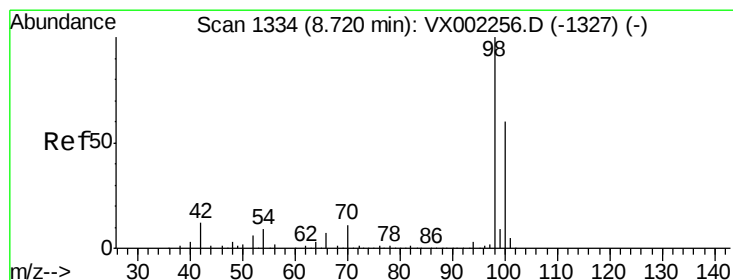
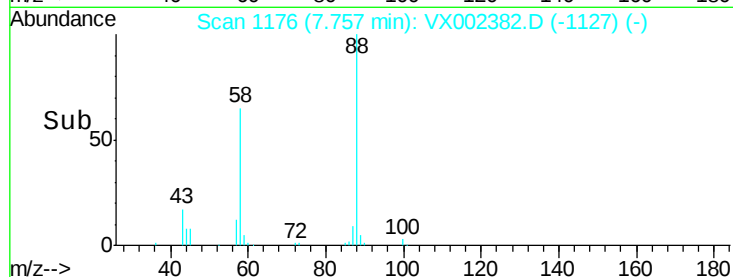
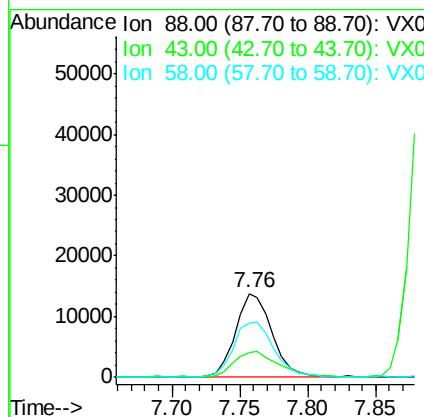
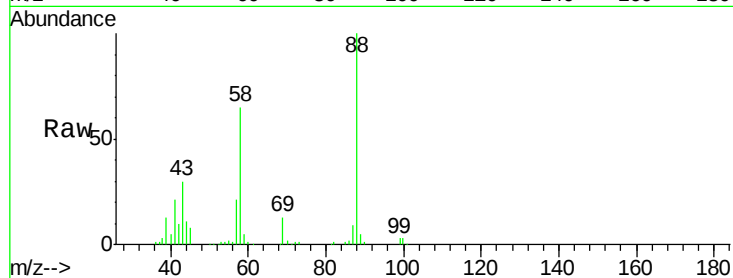
#49
1,4-Dioxane
Concen: 410.165 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VX002382.D
Acq: 07 Jun 2018 17:14

Instrument :
MSVOA_X
ClientSampleId :
VX0607WBSD01

Tgt Ion	Ratio	Lower	Upper
88	100		
43	35.9	29.8	44.6
58	72.6	57.1	85.7

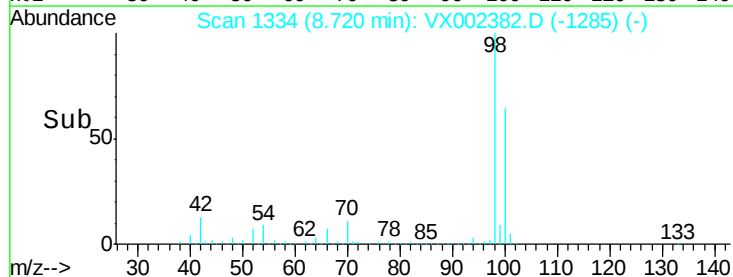
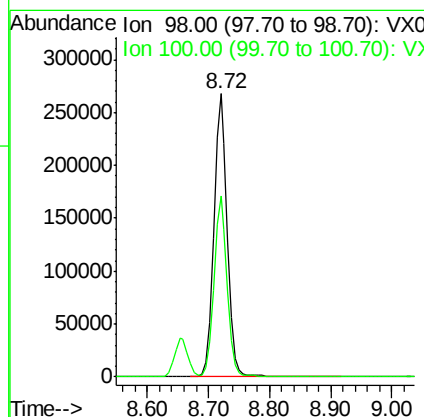
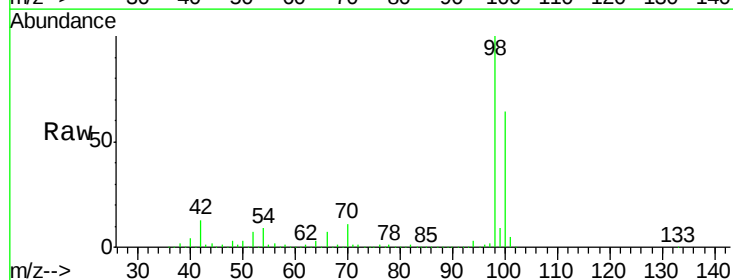
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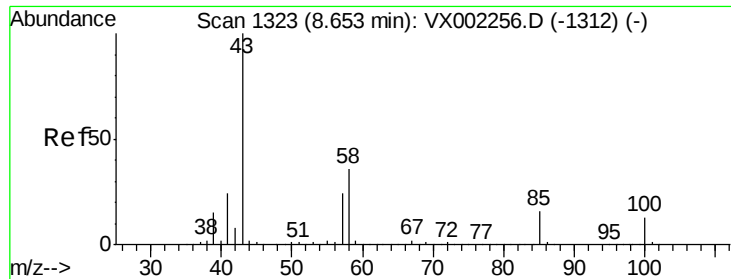
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#50
Toluene-d8
Concen: 44.107 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002382.D
Acq: 07 Jun 2018 17:14

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.4	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 102.799 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002382.D

Acq: 07 Jun 2018 17:14

Instrument :

MSVOA_X

ClientSampleId :

VX0607WBSD01

Tgt Ion: 43 Resp: 431758

Ion Ratio Lower Upper

43 100

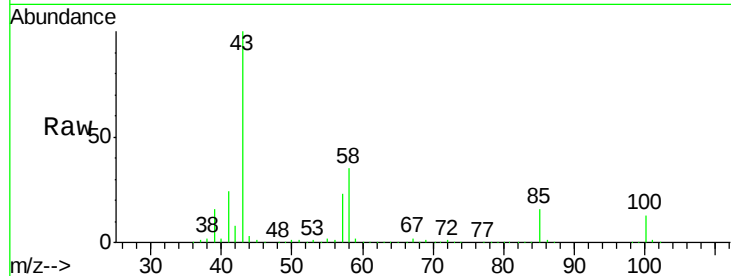
58 35.6 28.6 42.8

Manual Integrations

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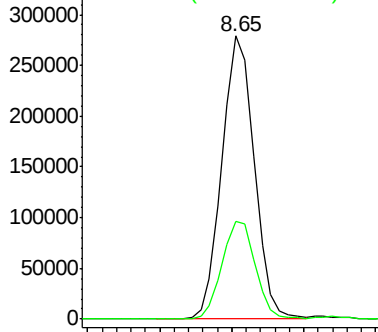
MMDadoda

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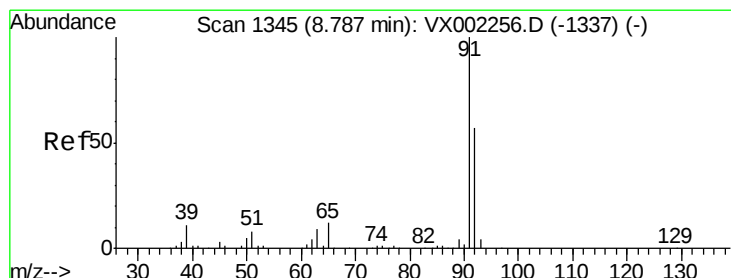
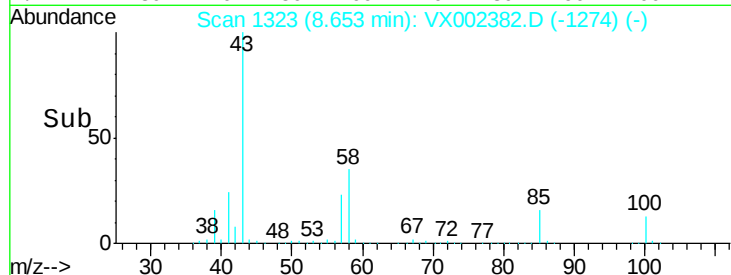


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time--> 8.55 8.60 8.65 8.70



#52

Toluene

Concen: 19.102 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002382.D

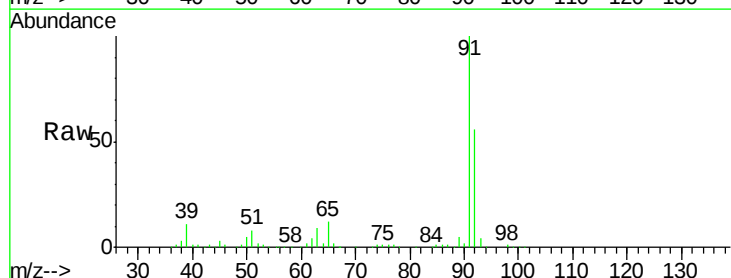
Acq: 07 Jun 2018 17:14

Tgt Ion: 92 Resp: 122995

Ion Ratio Lower Upper

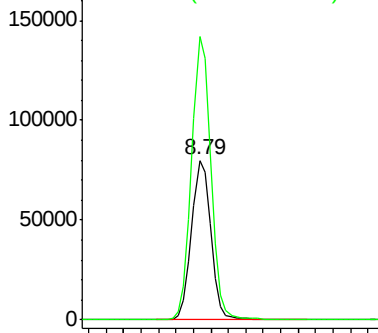
92 100

91 176.2 140.4 210.6

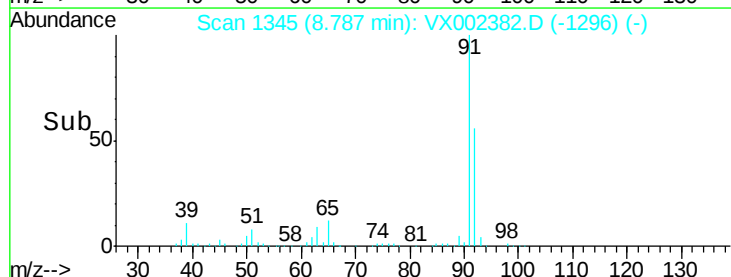


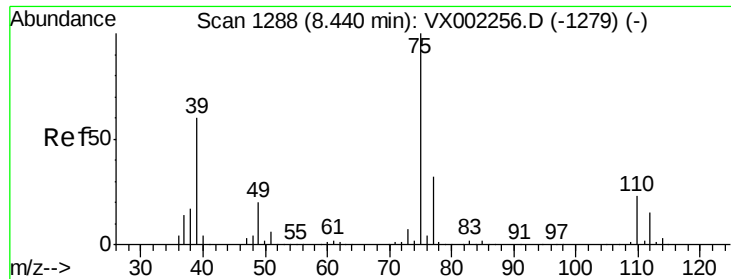
Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



Time--> 8.70 8.80 8.90





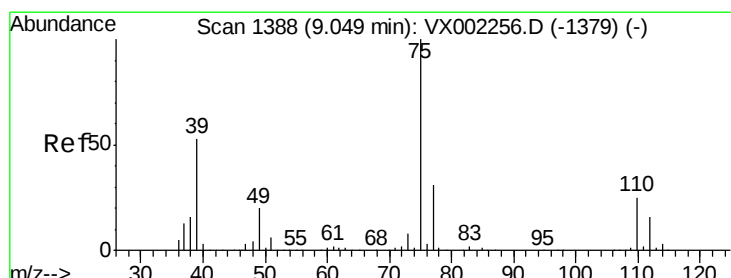
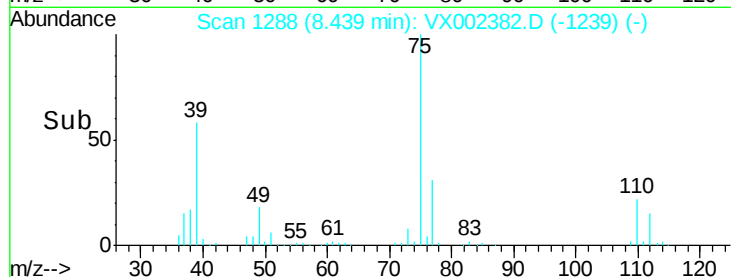
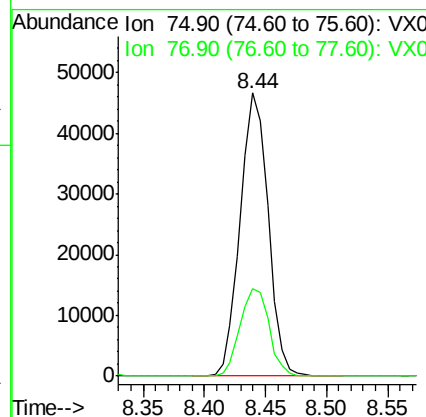
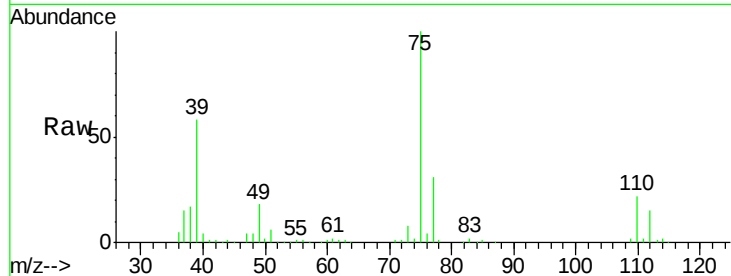
#53
t-1,3-Dichloropropene
Concen: 18.434 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX002382.D
Acq: 07 Jun 2018 17:14

Instrument :
MSVOA_X
ClientSampleId :
VX0607WBSD01

Tgt Ion: 75 Resp: 74077
Ion Ratio Lower Upper
75 100
77 31.1 25.4 38.2

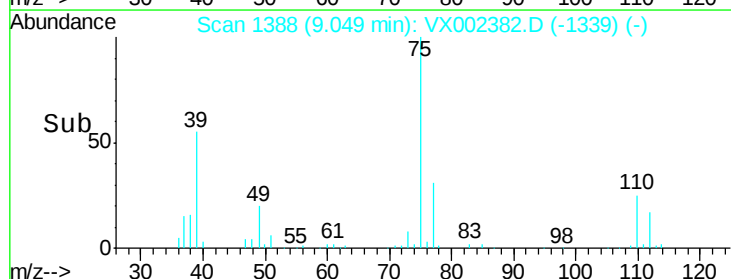
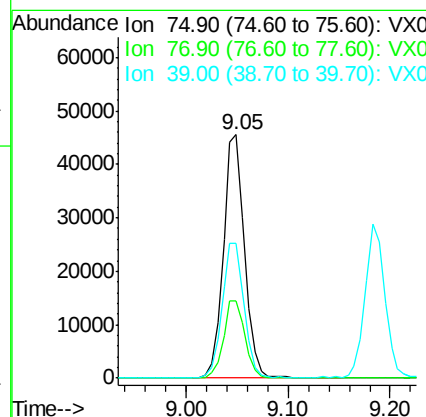
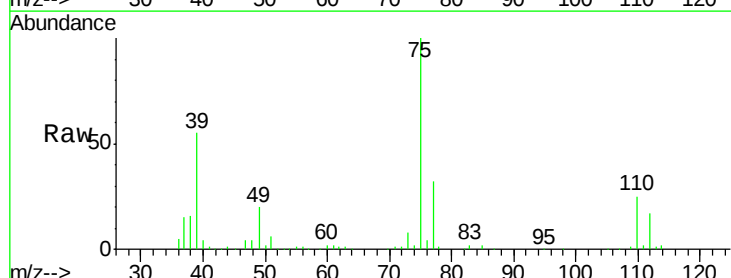
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#54
cis-1,3-Dichloropropene
Concen: 17.404 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX002382.D
Acq: 07 Jun 2018 17:14

Tgt Ion: 75 Resp: 65983
Ion Ratio Lower Upper
75 100
77 31.3 24.8 37.2
39 54.8 42.4 63.6





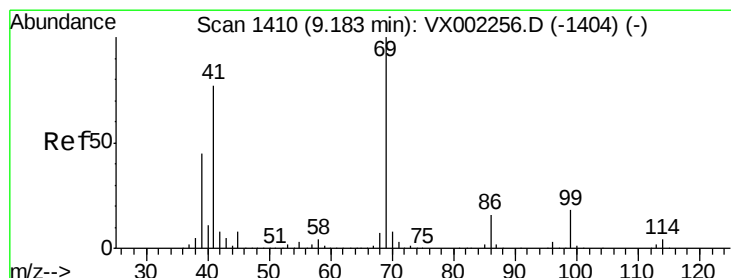
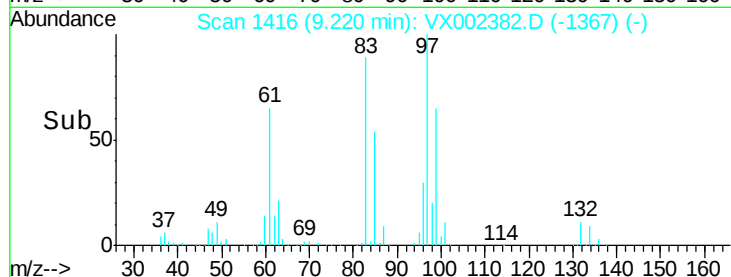
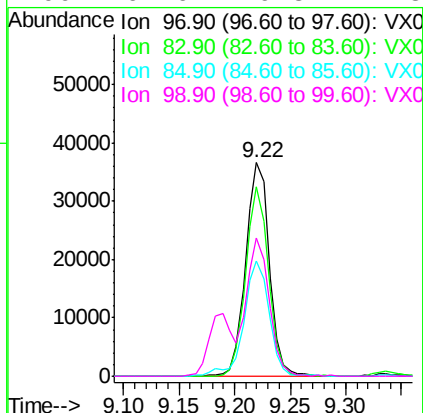
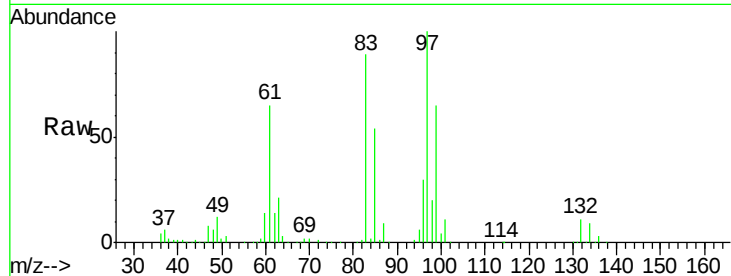
#55
 1,1,2-Trichloroethane
 Concen: 20.434 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002382.D
 Acq: 07 Jun 2018 17:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0607WBSD01

Tgt Ion:	97	Resp:	54114
Ion	Ratio	Lower	Upper
97	100		
83	88.9	70.2	105.2
85	54.2	44.9	67.3
99	64.6	49.8	74.8

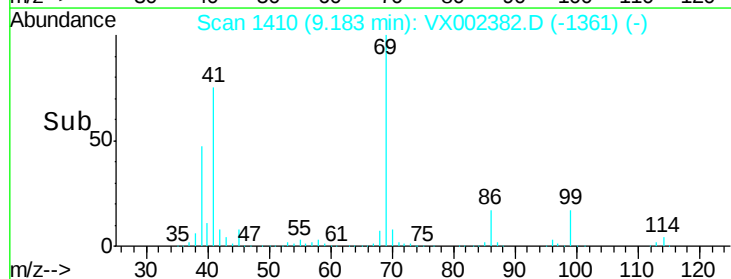
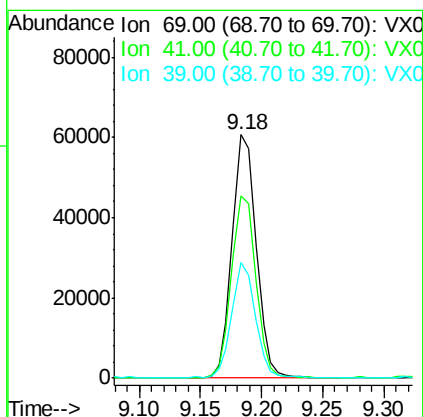
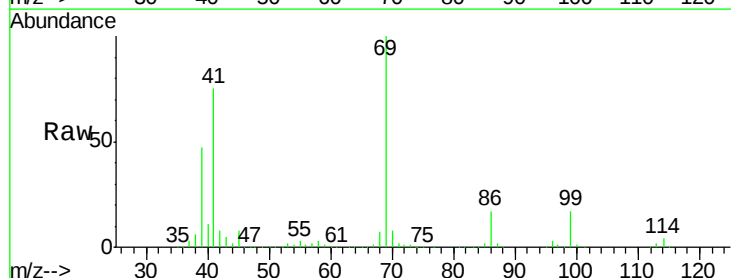
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#56
 Ethyl methacrylate
 Concen: 19.694 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX002382.D
 Acq: 07 Jun 2018 17:14

Tgt Ion:	69	Resp:	83266
Ion	Ratio	Lower	Upper
69	100		
41	75.3	60.3	90.5
39	46.0	35.8	53.8





#57

1,3-Dichloropropane

Concen: 20.032 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX002382.D

Acq: 07 Jun 2018 17:14

Instrument :

MSVOA_X

ClientSampleId :

VX0607WBSD01

Tgt Ion: 76 Resp: 89000

Ion Ratio Lower Upper

76 100

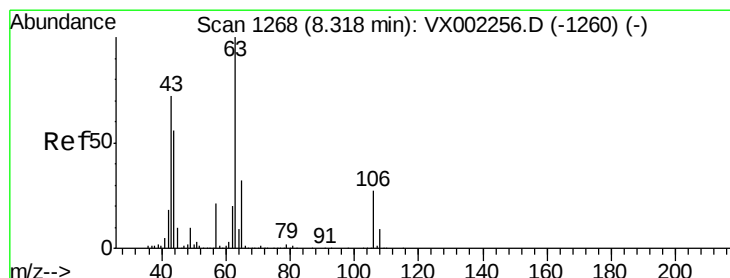
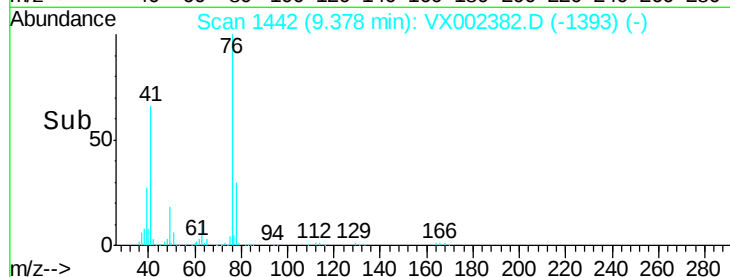
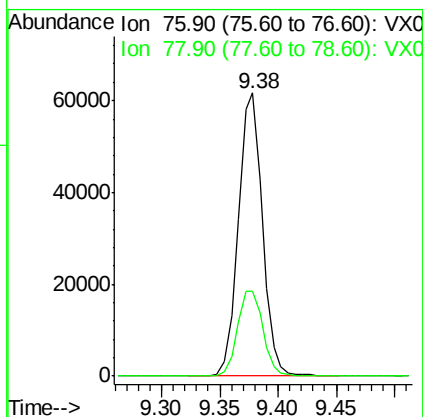
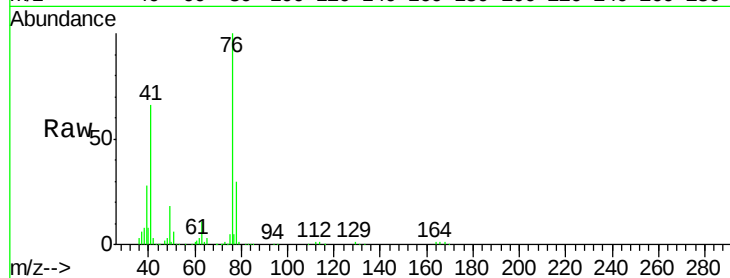
78 31.9 25.8 38.6

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 99.502 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX002382.D

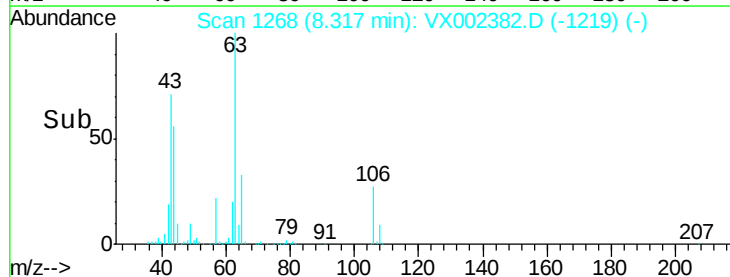
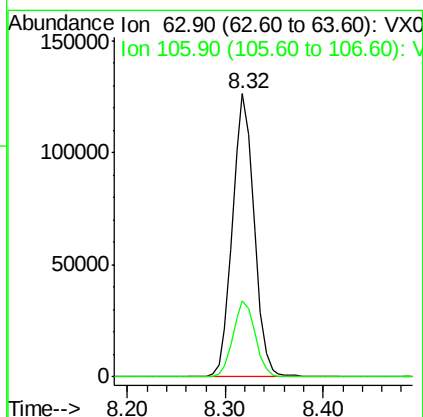
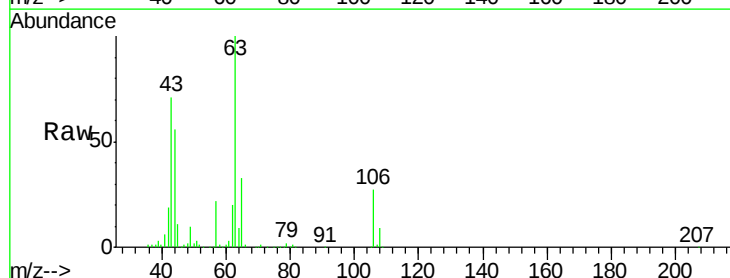
Acq: 07 Jun 2018 17:14

Tgt Ion: 63 Resp: 194713

Ion Ratio Lower Upper

63 100

106 27.5 21.8 32.8





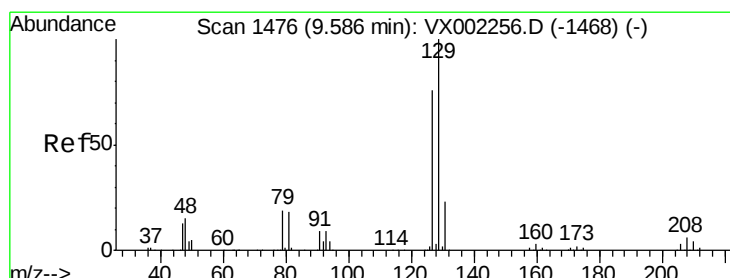
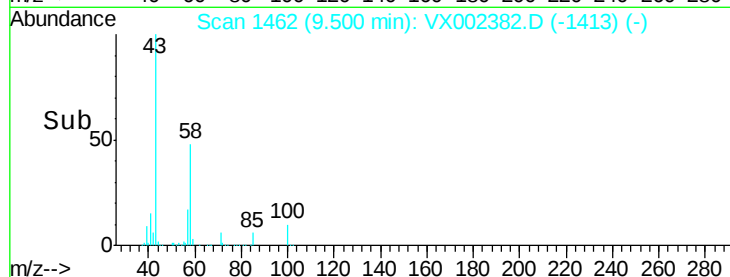
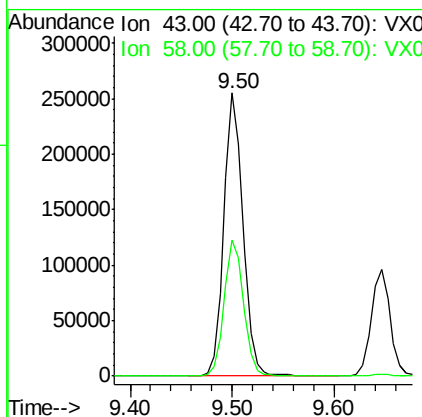
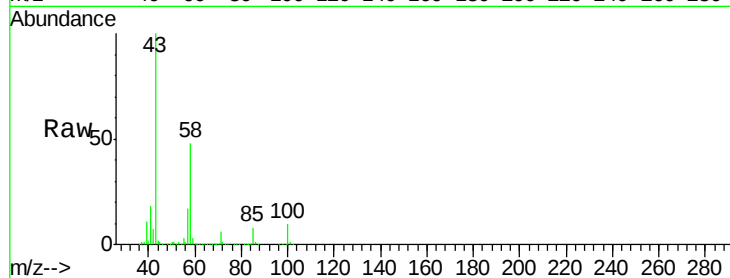
#59
2-Hexanone
Concen: 102.853 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002382.D
Acq: 07 Jun 2018 17:14

Instrument :
MSVOA_X
ClientSampleId :
VX0607WBSD01

Tgt Ion: 43 Resp: 333666
Ion Ratio Lower Upper
43 100
58 48.8 24.6 73.6

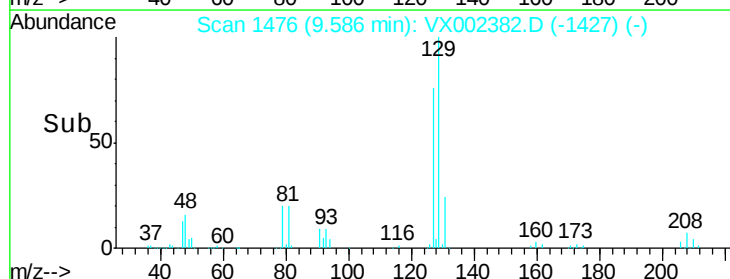
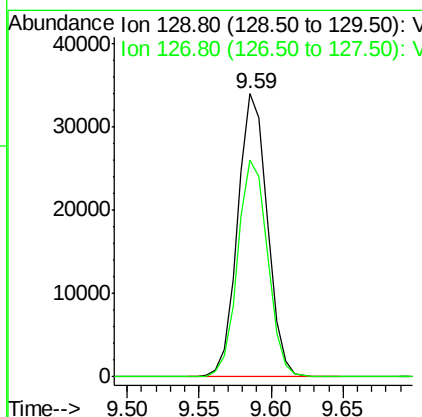
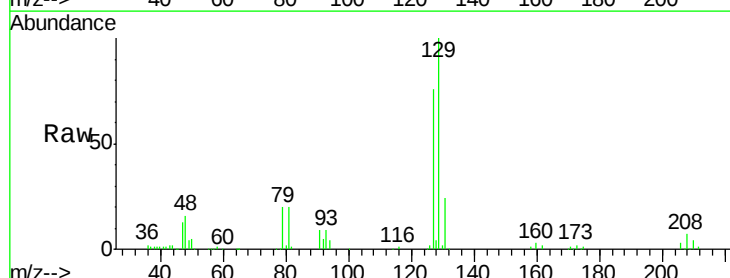
Manual Integrations
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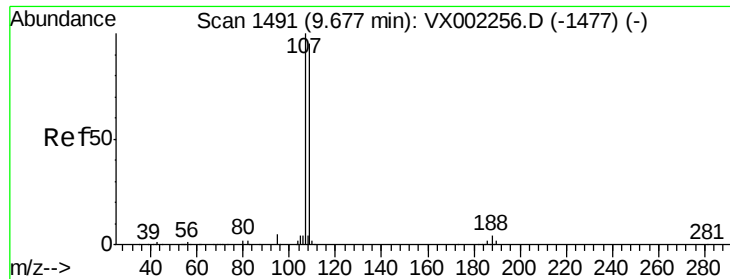
MMDadoda
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#60
Dibromochloromethane
Concen: 18.323 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX002382.D
Acq: 07 Jun 2018 17:14

Tgt Ion: 129 Resp: 48808
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.3





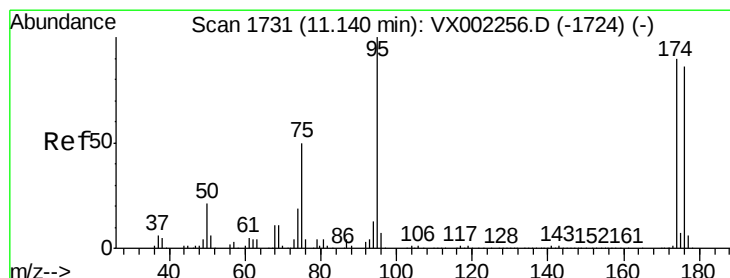
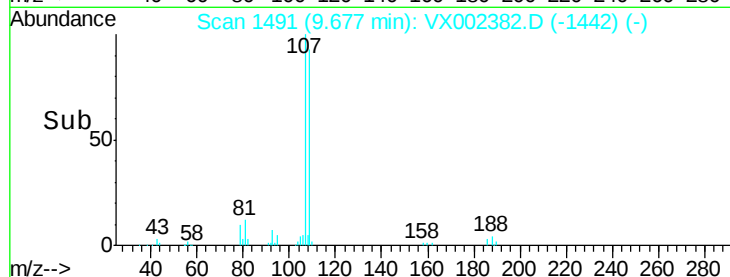
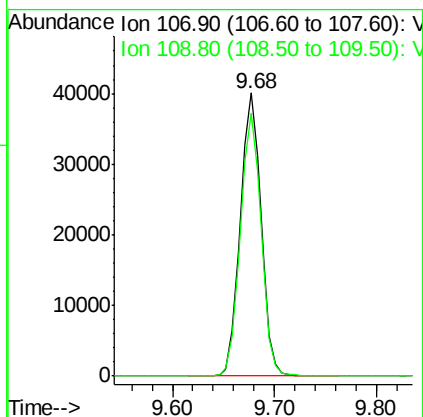
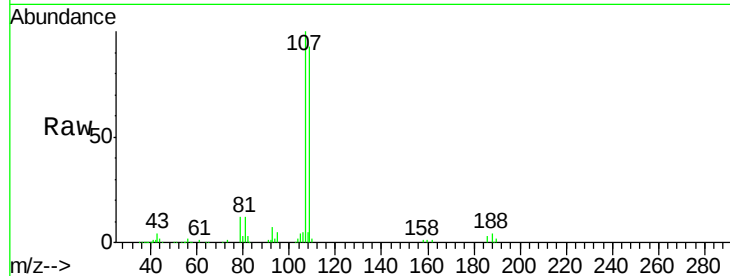
#61
 1,2-Dibromoethane
 Concen: 20.360 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. -0.00 min
 Lab File: VX002382.D
 Acq: 07 Jun 2018 17:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0607WBSD01

Tgt Ion: 107 Resp: 56219
 Ion Ratio Lower Upper
 107 100
 109 93.2 75.3 112.9

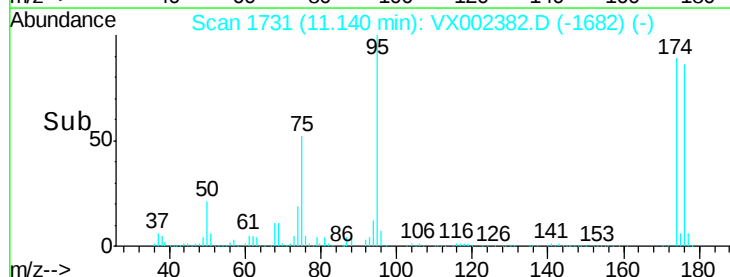
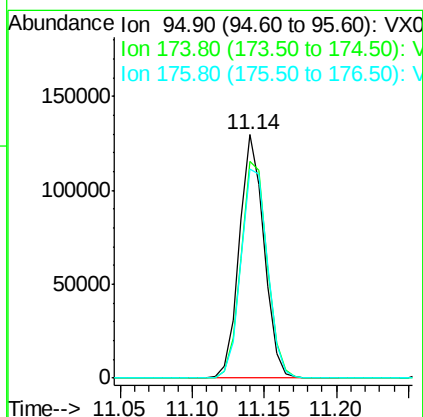
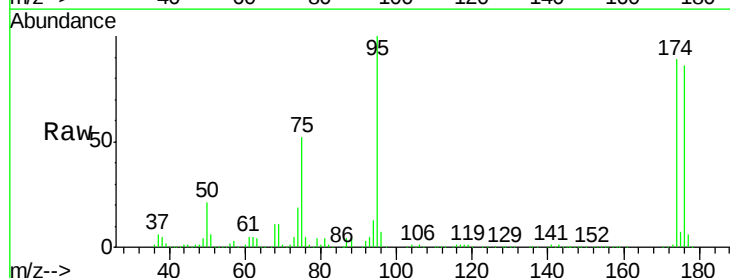
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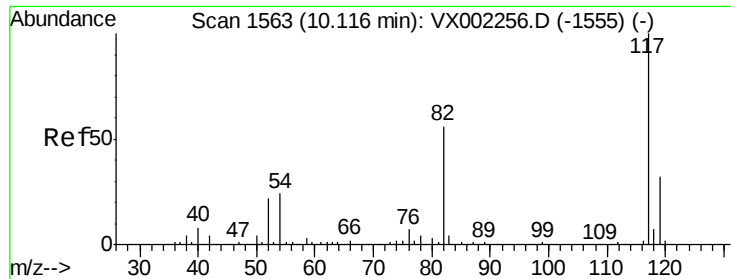
MMDadoda
 6/8/2018 1:20:26 PM



#62
 4-Bromofluorobenzene
 Concen: 42.267 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.00 min
 Lab File: VX002382.D
 Acq: 07 Jun 2018 17:14

Tgt Ion: 95 Resp: 154296
 Ion Ratio Lower Upper
 95 100
 174 94.5 0.0 187.4
 176 92.2 0.0 181.0





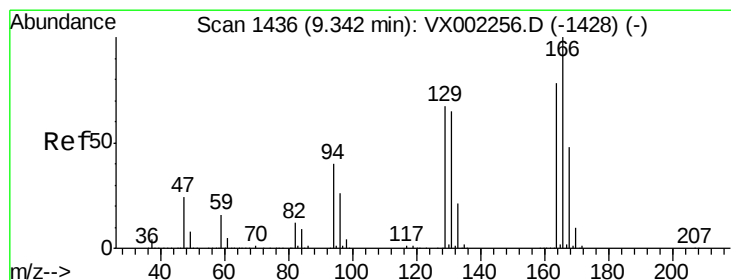
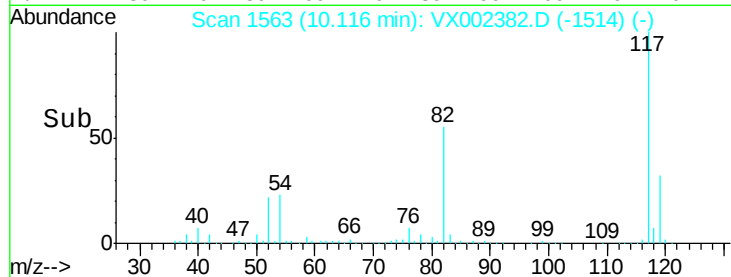
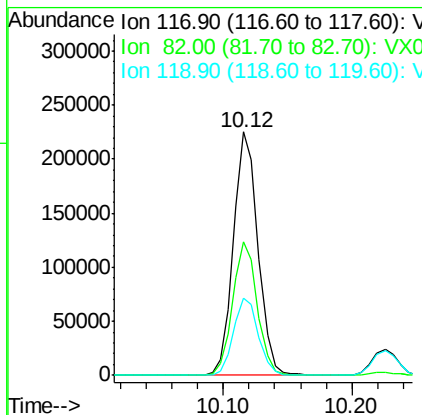
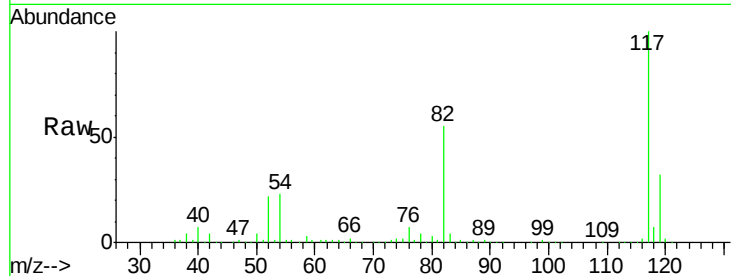
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002382.D
Acq: 07 Jun 2018 17:14

Instrument :
MSVOA_X
ClientSampleId :
VX0607WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	300466		
82	55.1	45.0	67.4	
119	31.9	25.8	38.6	

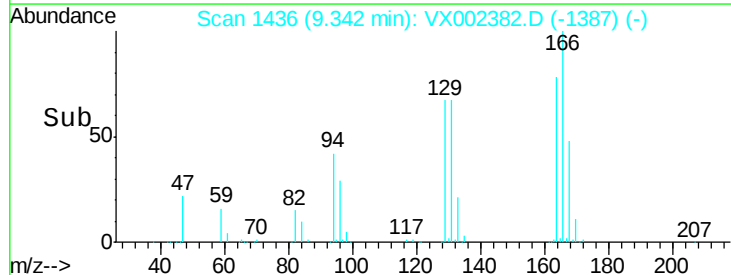
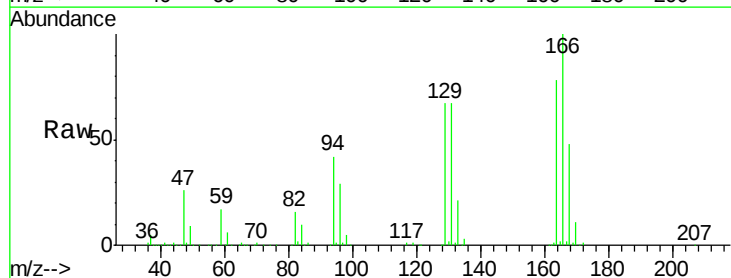
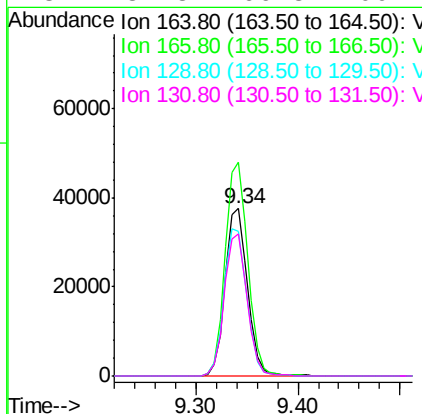
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#64
Tetrachloroethene
Concen: 18.417 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002382.D
Acq: 07 Jun 2018 17:14

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	57069		
166	127.4	102.9	154.3	
129	86.0	68.6	102.8	
131	84.8	66.8	100.2	





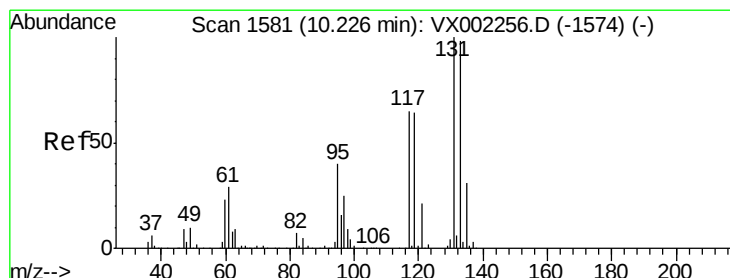
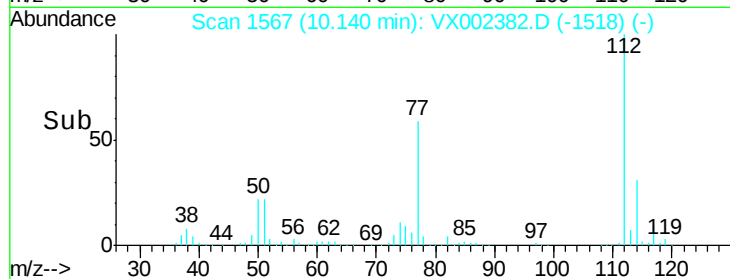
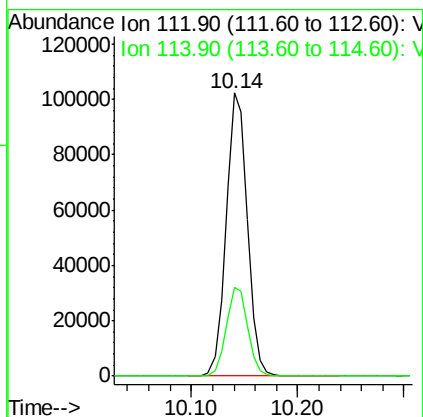
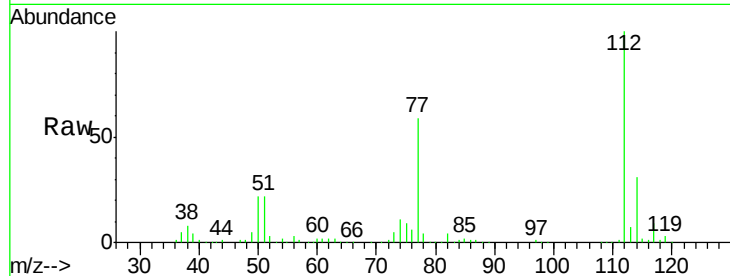
#65
Chlorobenzene
Concen: 19.085 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002382.D
Acq: 07 Jun 2018 17:14

Instrument :
MSVOA_X
ClientSampleId :
VX0607WBSD01

Tgt Ion:112 Resp: 142690
Ion Ratio Lower Upper
112 100
114 31.4 25.3 37.9

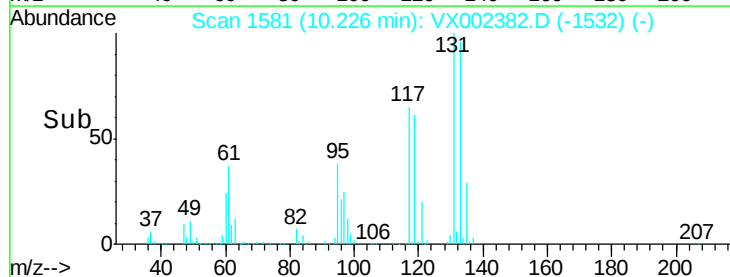
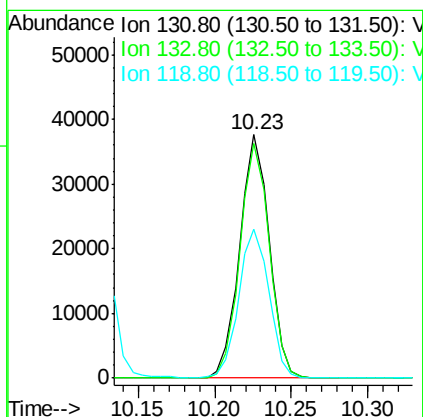
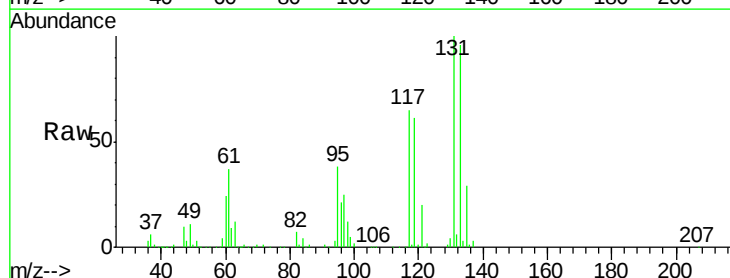
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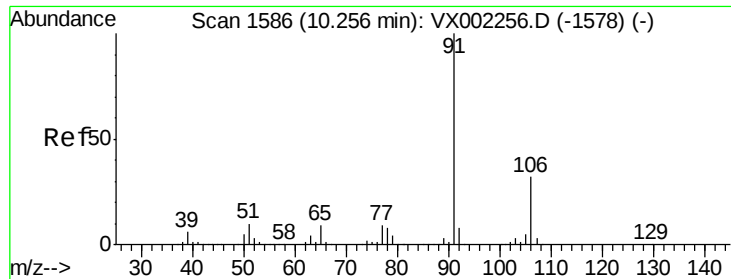
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.664 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX002382.D
Acq: 07 Jun 2018 17:14

Tgt Ion:131 Resp: 50527
Ion Ratio Lower Upper
131 100
133 95.8 47.9 143.6
119 62.6 31.8 95.3





#67

Ethyl Benzene

Concen: 19.146 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX002382.D

Acq: 07 Jun 2018 17:14

Instrument :

MSVOA_X

ClientSampleId :

VX0607WBSD01

Tgt Ion: 91 Resp: 239556

Ion Ratio Lower Upper

91 100

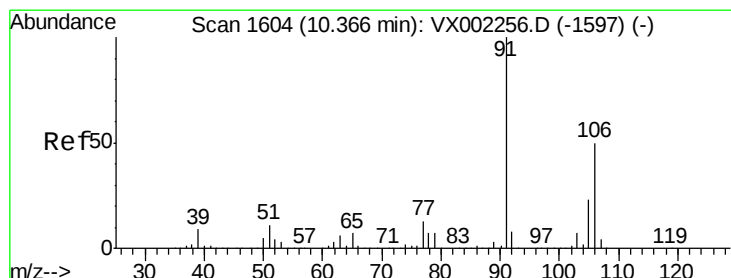
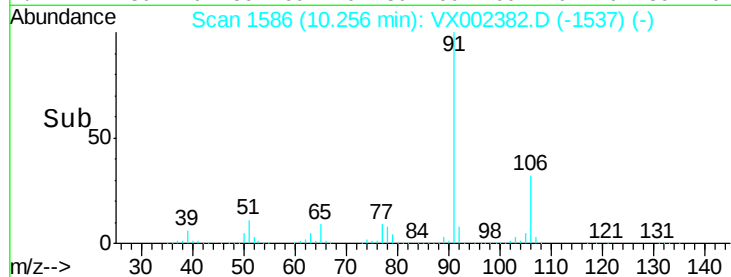
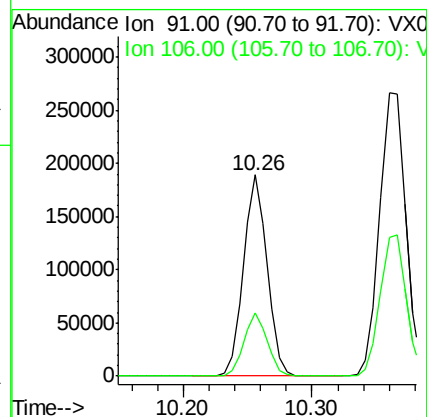
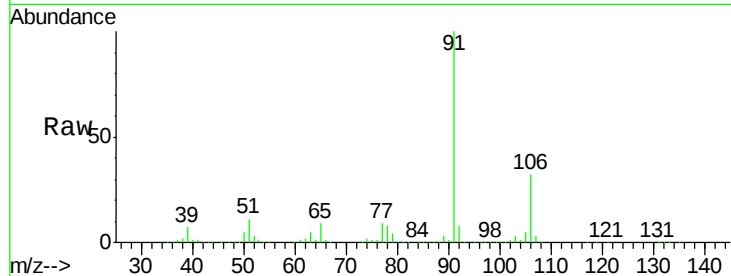
106 31.5 25.5 38.3

Manual Integrations

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#68

m/p-Xylenes

Concen: 38.180 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX002382.D

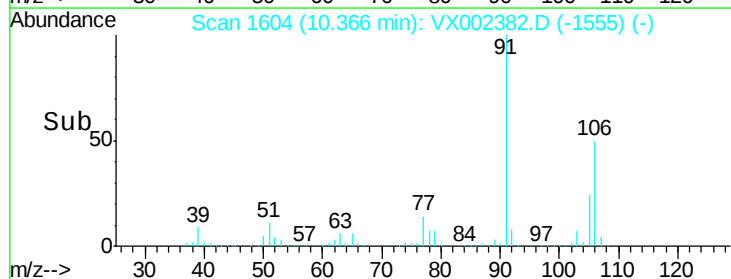
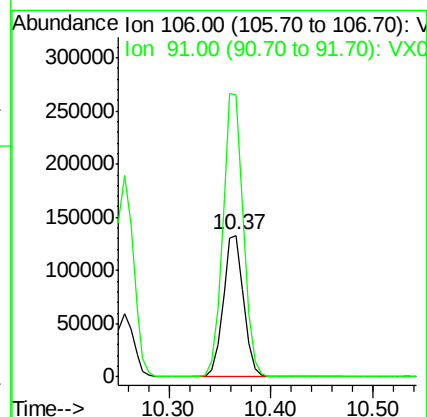
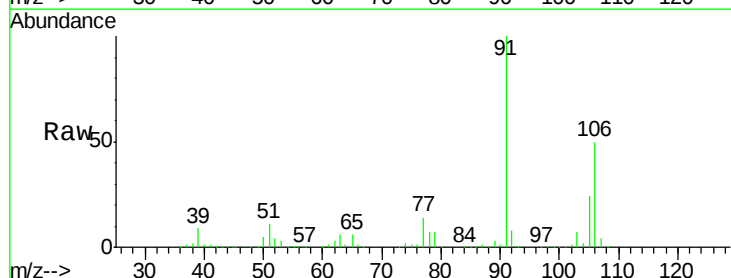
Acq: 07 Jun 2018 17:14

Tgt Ion: 106 Resp: 185699

Ion Ratio Lower Upper

106 100

91 201.1 163.4 245.2





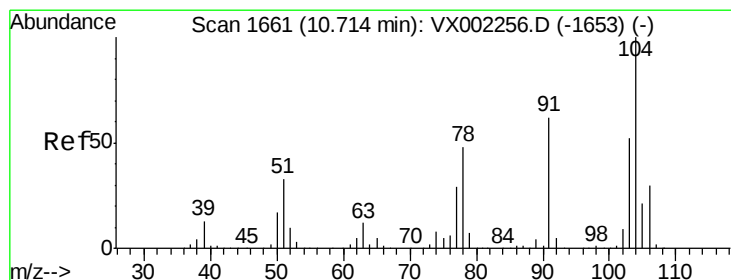
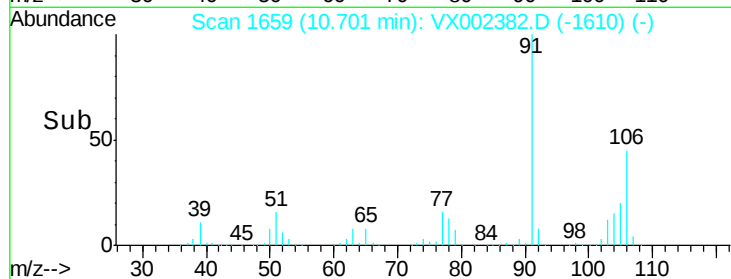
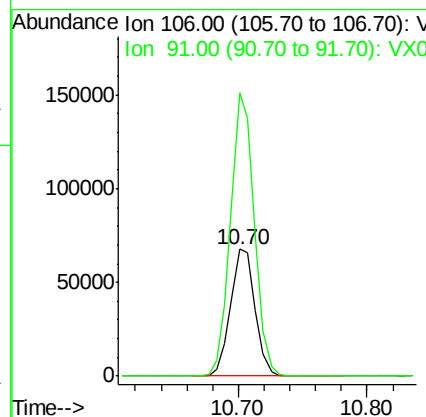
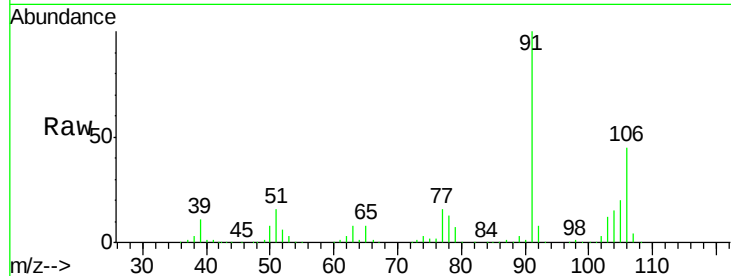
#69
o-Xylene
Concen: 18.828 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002382.D
Acq: 07 Jun 2018 17:14

Instrument :
MSVOA_X
ClientSampleId :
VX0607WBSD01

Tgt Ion:106 Resp: 91131
Ion Ratio Lower Upper
106 100
91 216.7 108.2 324.6

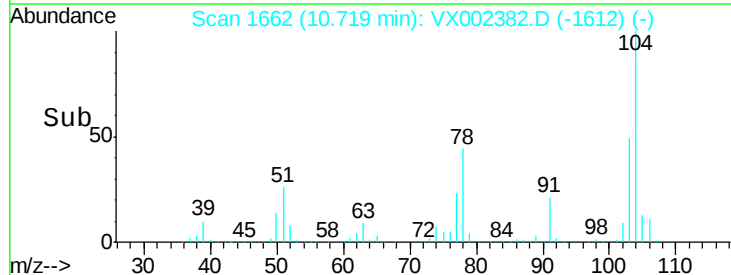
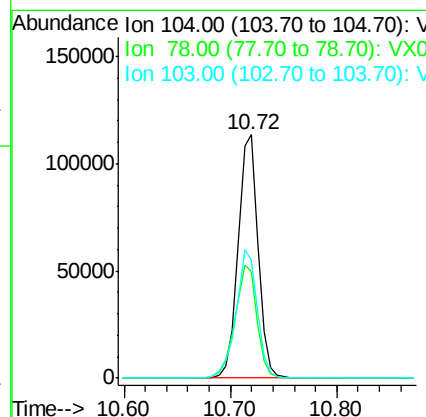
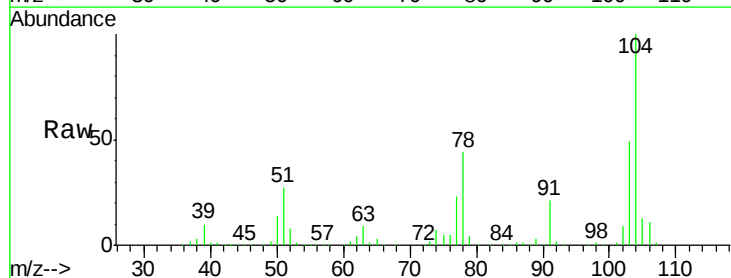
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#70
Styrene
Concen: 18.925 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.01 min
Lab File: VX002382.D
Acq: 07 Jun 2018 17:14

Tgt Ion:104 Resp: 149747
Ion Ratio Lower Upper
104 100
78 51.0 41.0 61.6
103 55.6 44.2 66.4





#71

Bromoform

Concen: 17.080 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX002382.D

Acq: 07 Jun 2018 17:14

Instrument :

MSVOA_X

ClientSampleId :

VX0607WBSD01

Tgt Ion:173 Resp: 35482

Ion Ratio Lower Upper

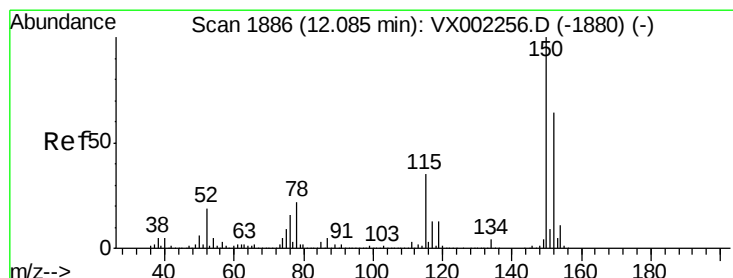
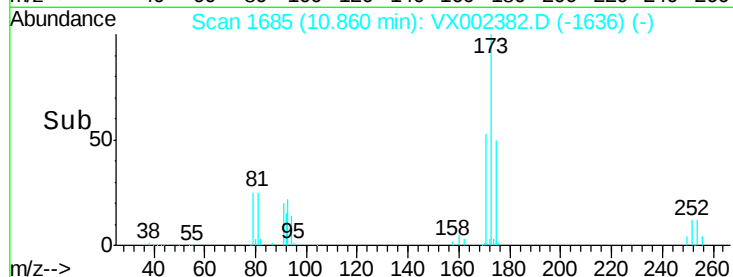
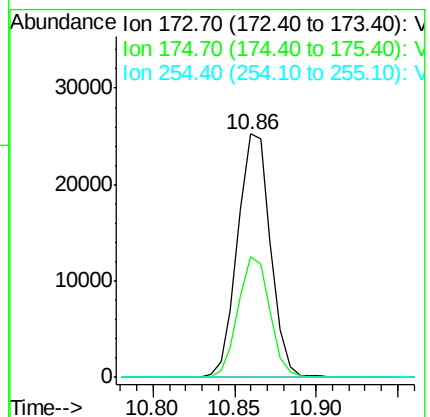
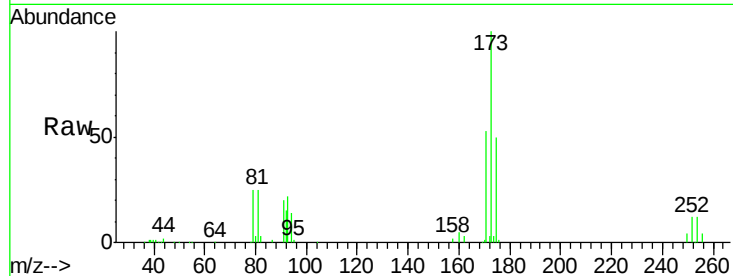
173 100

175 47.8 24.7 74.1

254 0.0 0.2 0.2#

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002382.D

Acq: 07 Jun 2018 17:14

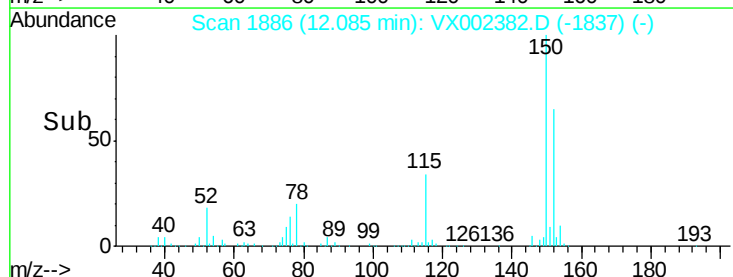
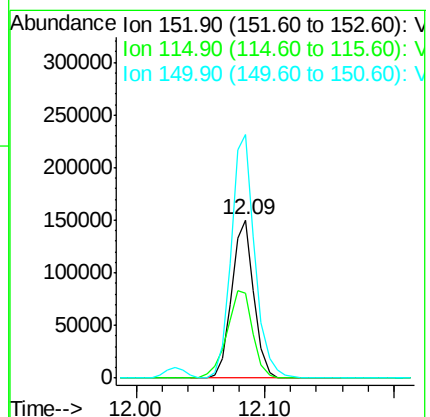
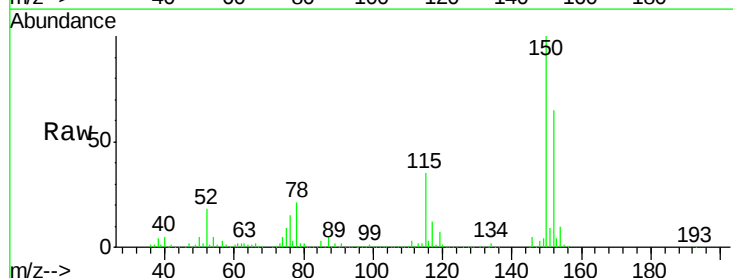
Tgt Ion:152 Resp: 181021

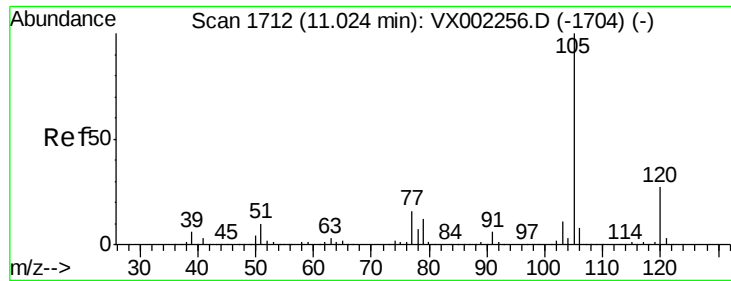
Ion Ratio Lower Upper

152 100

115 64.4 40.1 120.2

150 163.8 0.0 347.2





#73

Isopropylbenzene

Concen: 19.721 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002382.D

Acq: 07 Jun 2018 17:14

Instrument :

MSVOA_X

ClientSampleId :

VX0607WBSD01

Tgt Ion:105 Resp: 248343

Ion Ratio Lower Upper

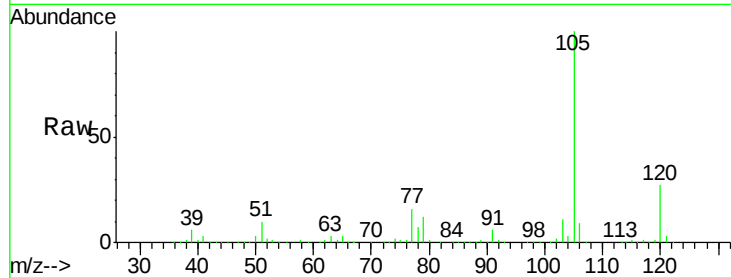
105 100

120 26.7 13.5 40.4

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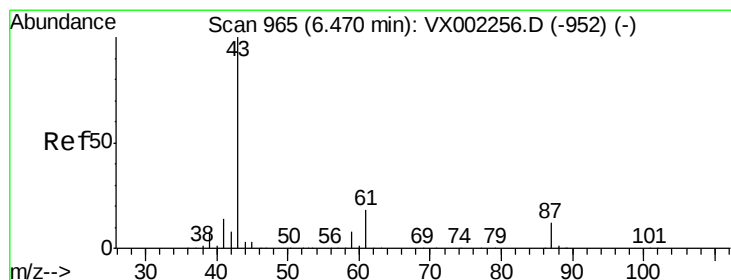
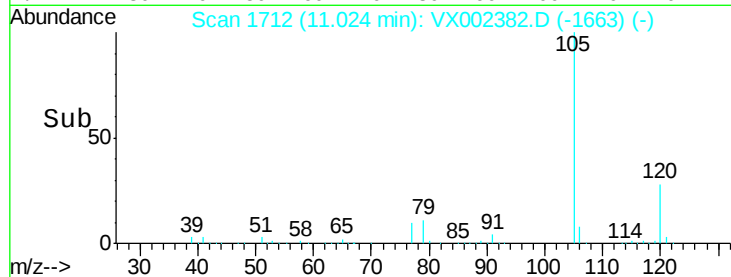
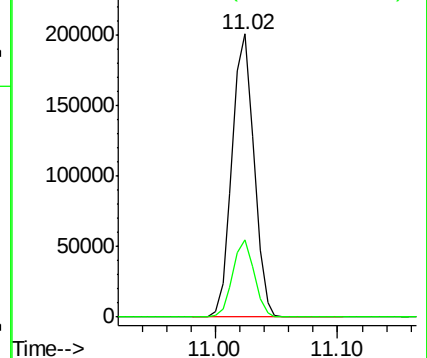
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.547 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002382.D

Acq: 07 Jun 2018 17:14

Tgt Ion: 43 Resp: 132633

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

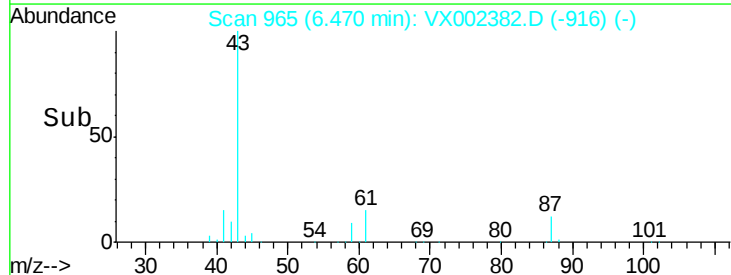
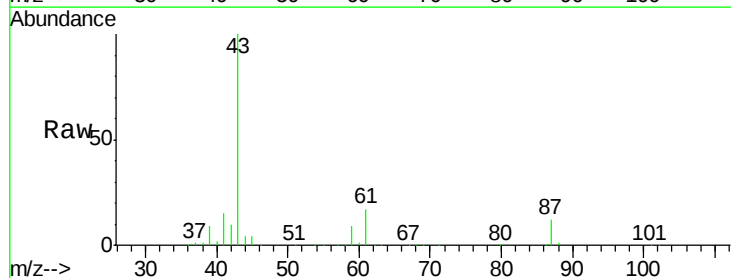
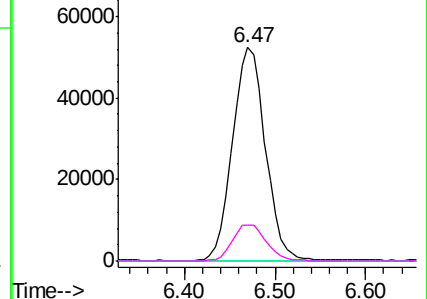
61 17.6 14.4 21.6

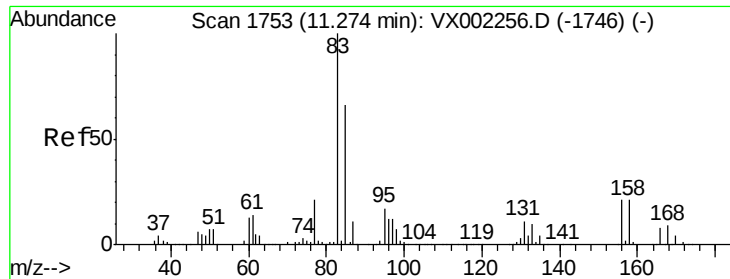
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 20.605 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002382.D

Acq: 07 Jun 2018 17:14

Instrument :

MSVOA_X

ClientSampleId :

VX0607WBSD01

Tgt Ion: 83 Resp: 81609

Ion Ratio Lower Upper

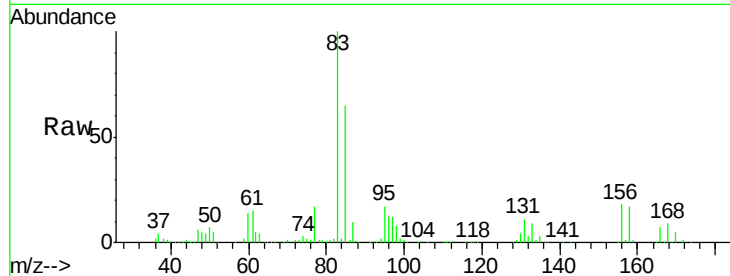
83 100

131 10.7 5.6 16.8

85 64.7 32.4 97.2

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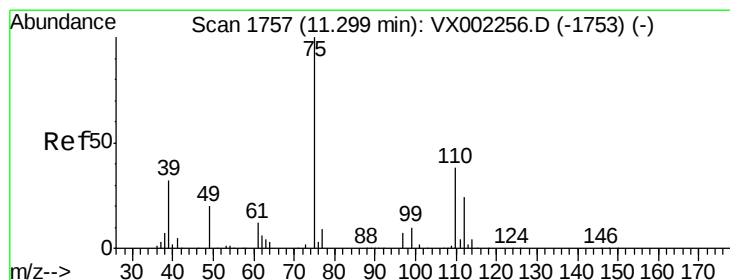
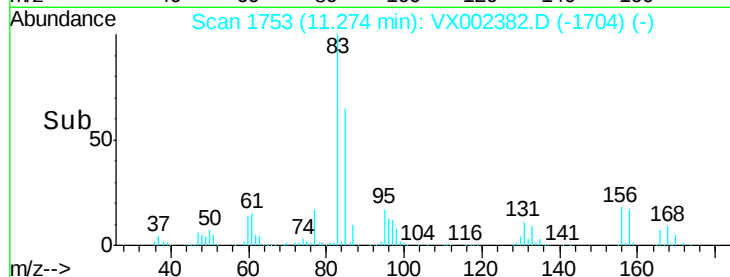
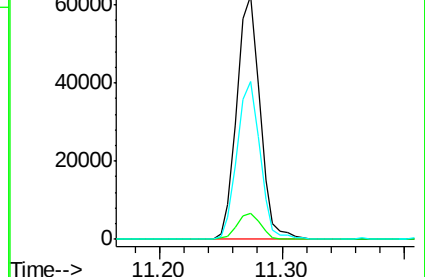
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Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 17.161 ug/l m

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX002382.D

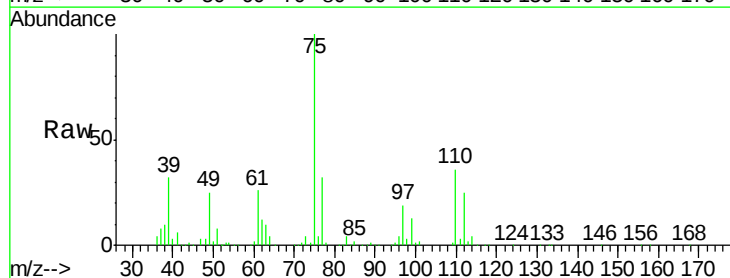
Acq: 07 Jun 2018 17:14

Tgt Ion: 75 Resp: 68166

Ion Ratio Lower Upper

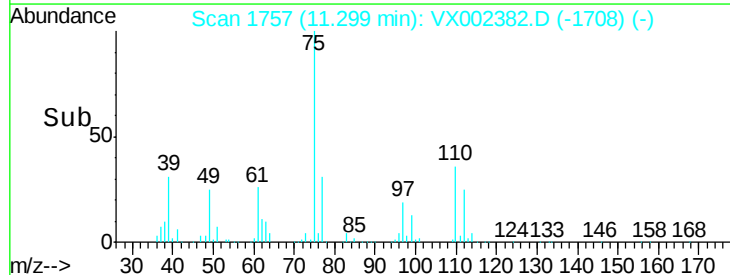
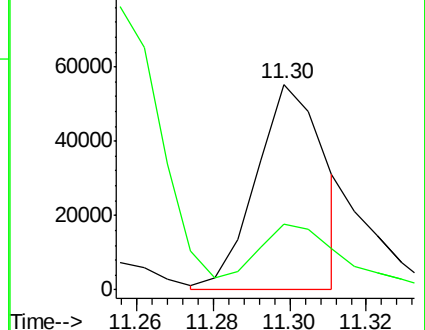
75 100

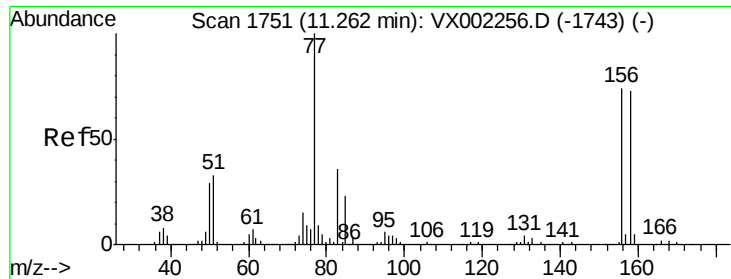
77 41.0 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.142 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX002382.D

Acq: 07 Jun 2018 17:14

Instrument :

MSVOA_X

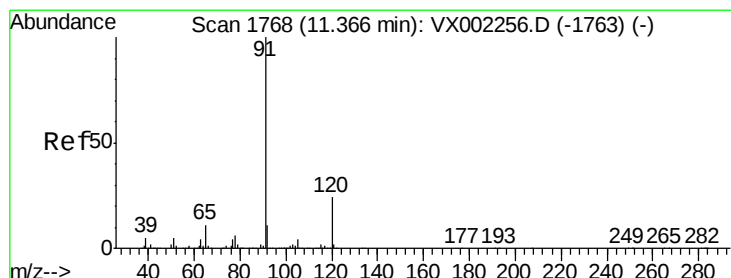
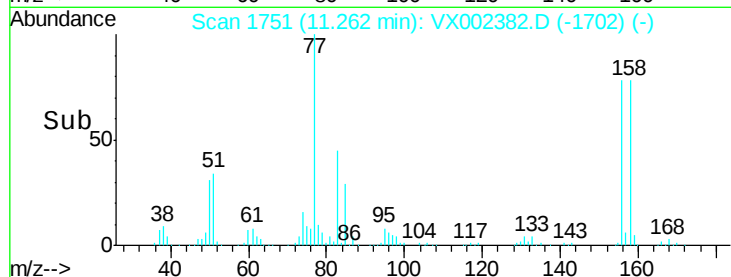
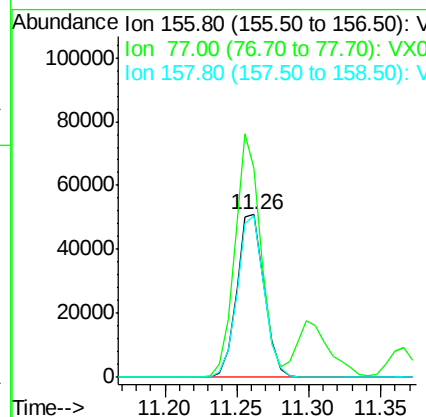
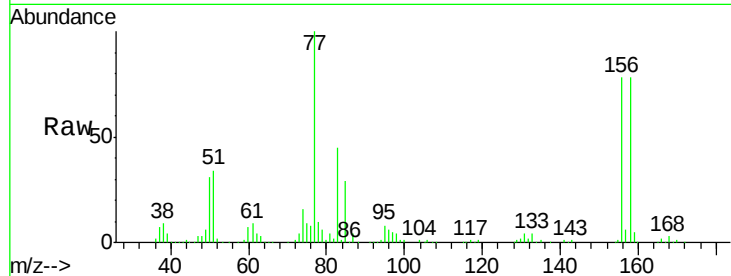
ClientSampleId :

VX0607WBSD01

Tgt Ion:	156	Resp:	67671
Ion Ratio	Lower	Upper	
156	100		
77	140.8	71.4	214.2
158	97.9	48.9	146.6

Manual Integrations
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#78

n-propylbenzene

Concen: 19.759 ug/l

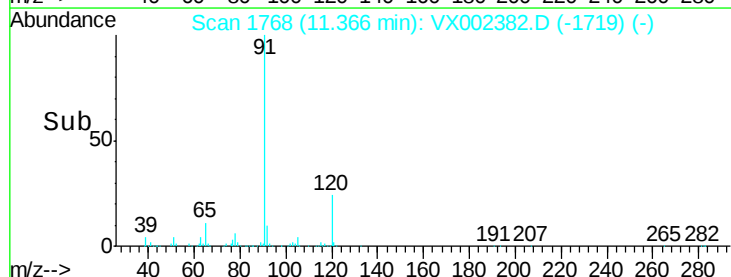
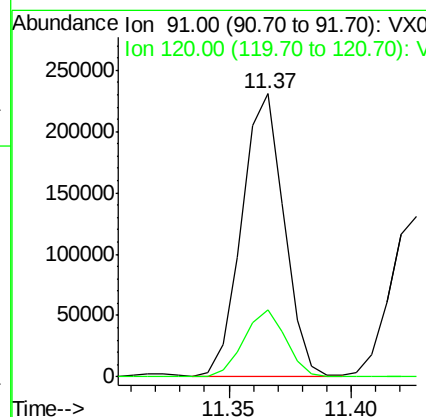
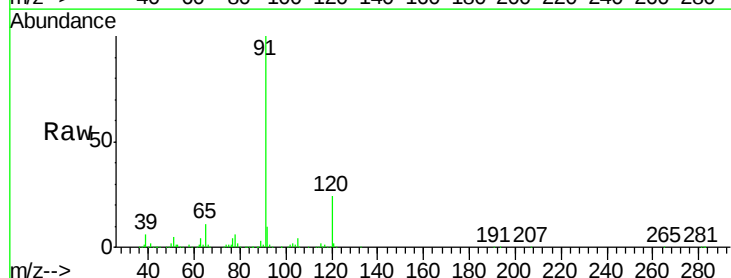
RT: 11.37 min Scan# 1768

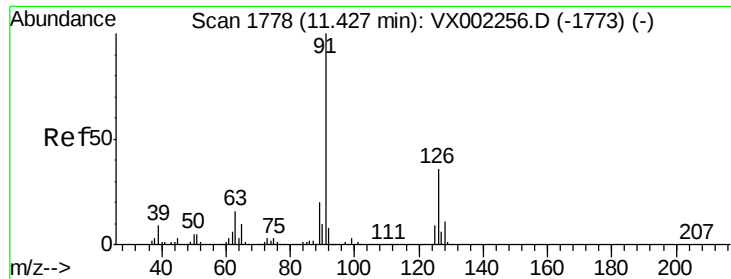
Delta R.T. -0.00 min

Lab File: VX002382.D

Acq: 07 Jun 2018 17:14

Tgt Ion:	91	Resp:	276556
Ion Ratio	Lower	Upper	
91	100		
120	23.6	11.8	35.4





#79

2-Chlorotoluene

Concen: 18.580 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002382.D

Acq: 07 Jun 2018 17:14

Instrument :

MSVOA_X

ClientSampleId :

VX0607WBSD01

Tgt Ion: 91 Resp: 164204

Ion Ratio Lower Upper

91 100

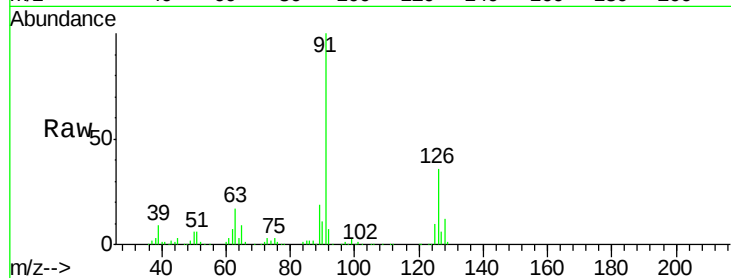
126 35.5 17.7 53.1

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Abundance Ion 91.00 (90.70 to 91.70): VX002256.D (-1773) (-)

Ion 125.90 (125.60 to 126.60): VX002256.D (-1773) (-)

250000

200000

150000

100000

50000

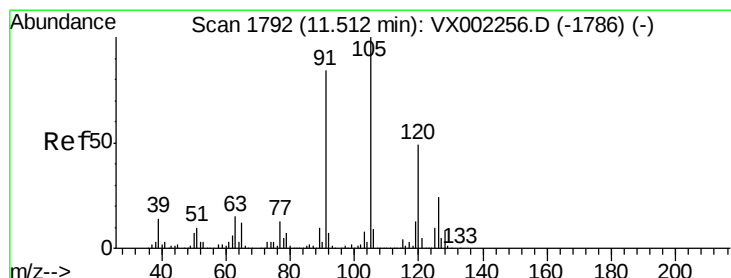
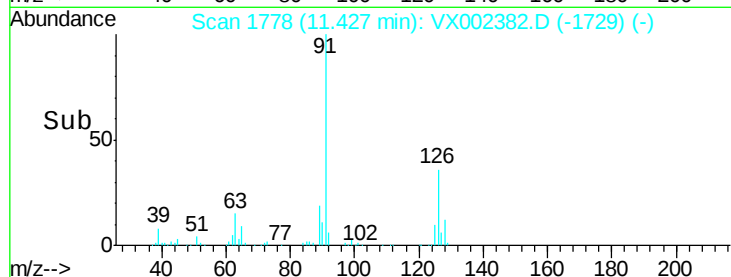
0

11.40

11.43

11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 19.308 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002382.D

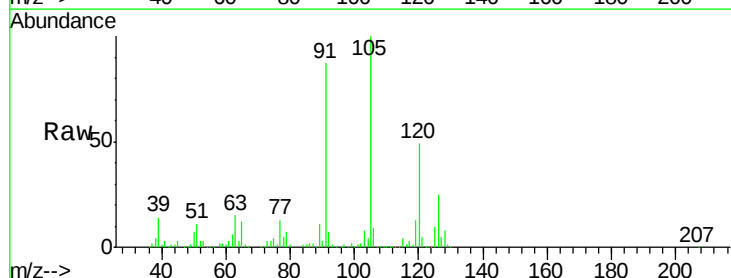
Acq: 07 Jun 2018 17:14

Tgt Ion: 105 Resp: 208545

Ion Ratio Lower Upper

105 100

120 48.2 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VX002256.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX002256.D (-1786) (-)

200000

150000

100000

50000

0

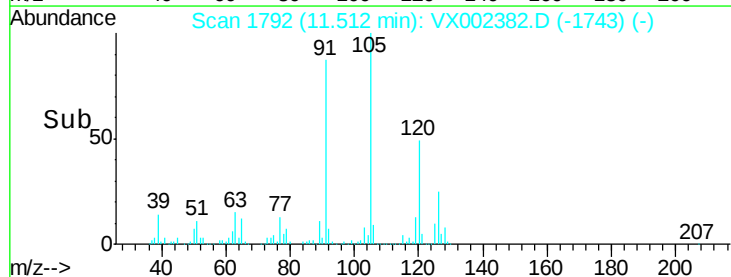
11.45

11.51

11.55

11.60

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 12.414 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX002382.D

Acq: 07 Jun 2018 17:14

Instrument :

MSVOA_X

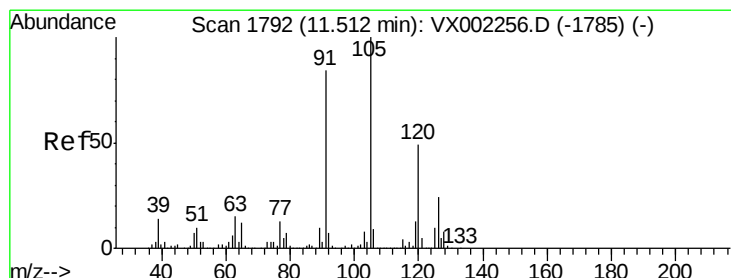
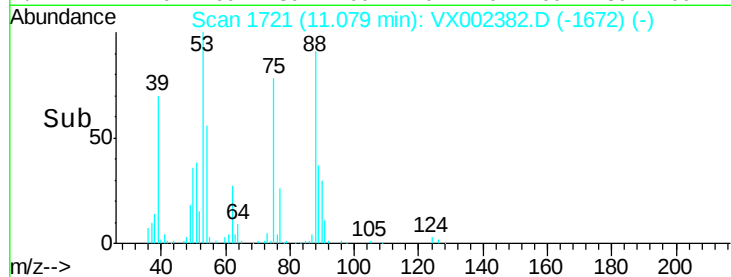
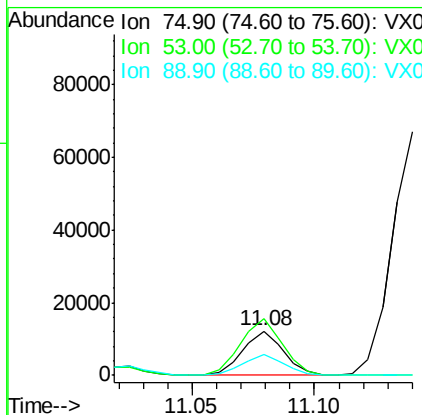
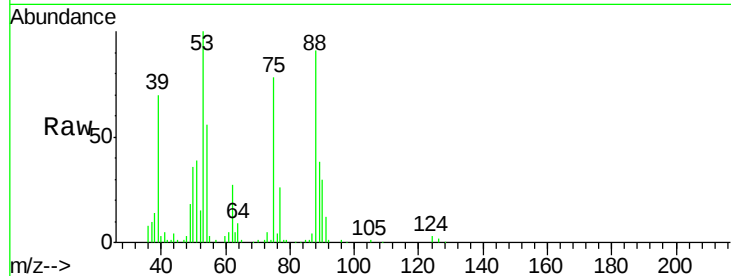
ClientSampleId :

VX0607WBSD01

Tgt Ion	Ratio	Lower	Upper
75	100		
53	131.6	86.8	130.2#
89	49.0	38.2	57.2

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#82

4-Chlorotoluene

Concen: 19.058 ug/l

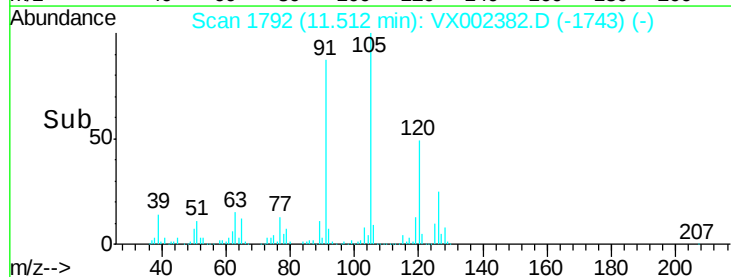
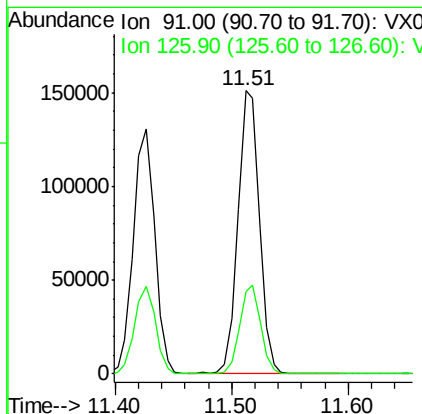
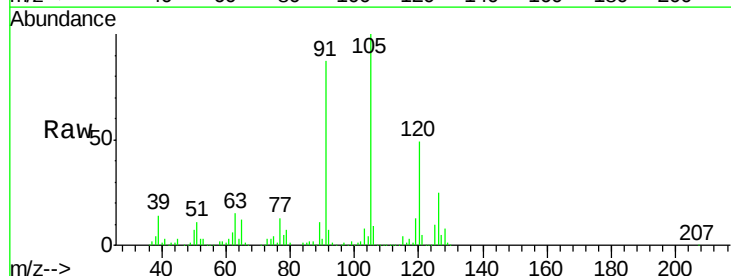
RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002382.D

Acq: 07 Jun 2018 17:14

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.4	15.4	46.4





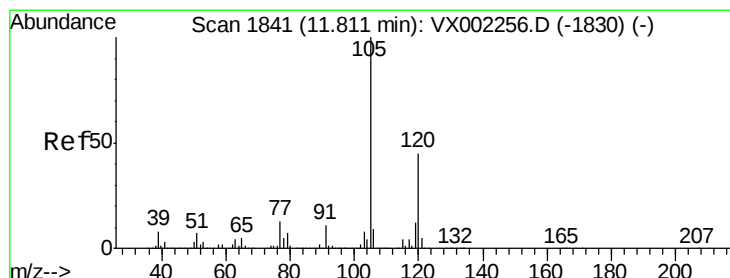
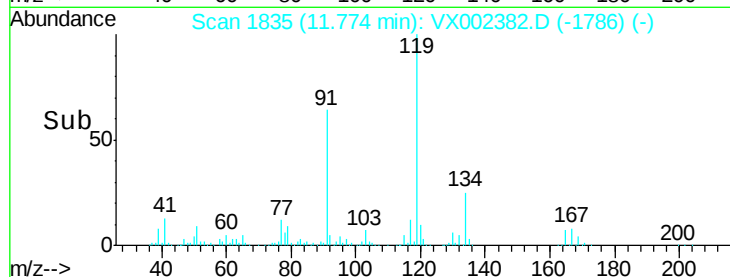
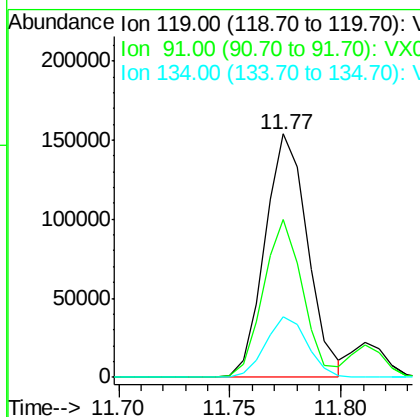
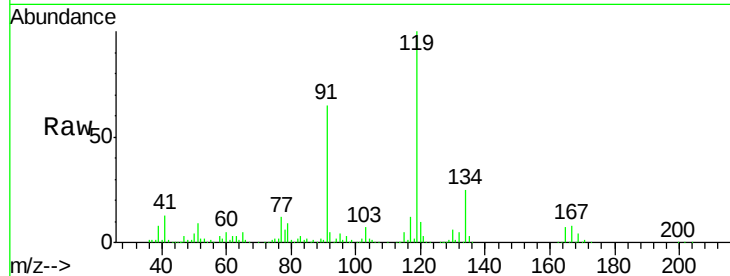
#83
 tert-Butylbenzene
 Concen: 19.466 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002382.D
 Acq: 07 Jun 2018 17:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0607WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	204744		
91	60.5	30.3	90.9	
134	24.1	11.7	35.1	

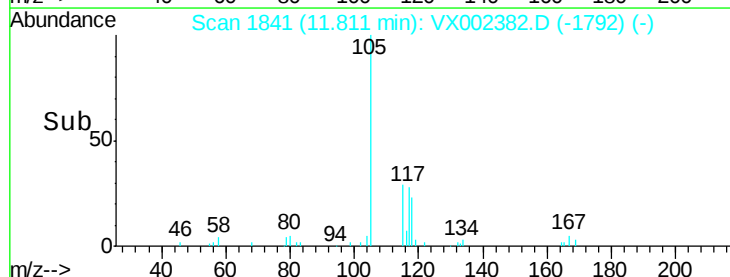
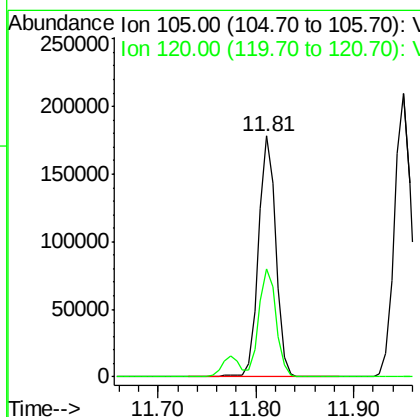
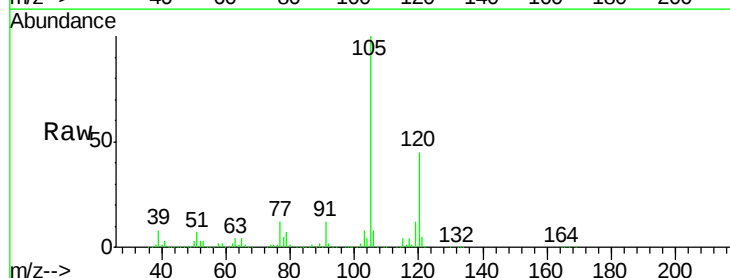
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.562 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002382.D
 Acq: 07 Jun 2018 17:14

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	217497		
120	44.2	22.3	66.8	





#85

sec-Butylbenzene

Concen: 20.248 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002382.D

Acq: 07 Jun 2018 17:14

Instrument :

MSVOA_X

ClientSampleId :

VX0607WBSD01

Tgt Ion:105 Resp: 249664

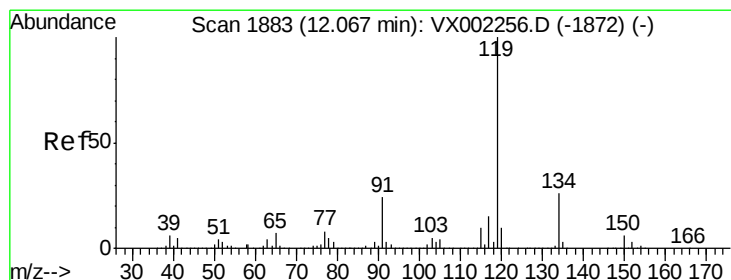
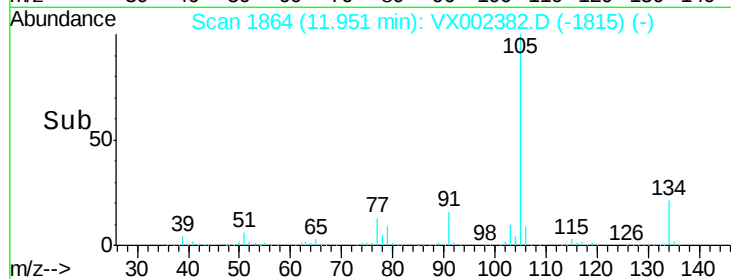
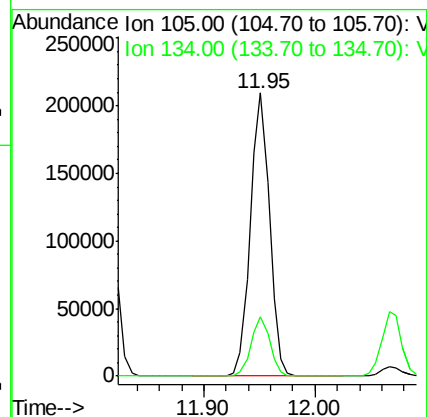
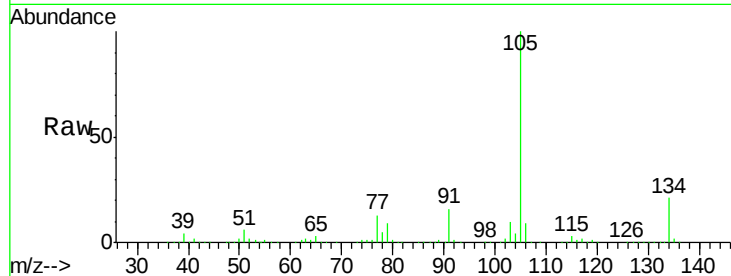
Ion Ratio Lower Upper

105 100

134 20.7 10.4 31.1

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#86

p-Isopropyltoluene

Concen: 19.854 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002382.D

Acq: 07 Jun 2018 17:14

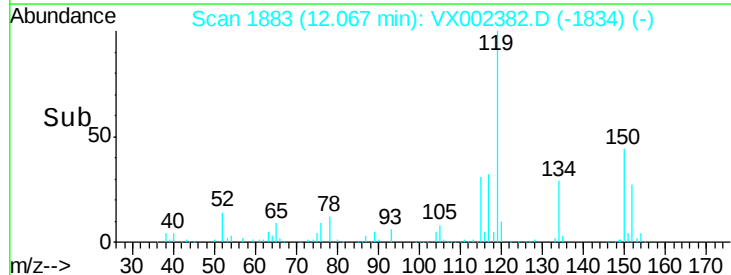
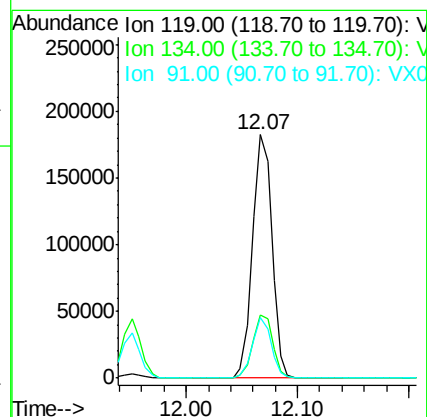
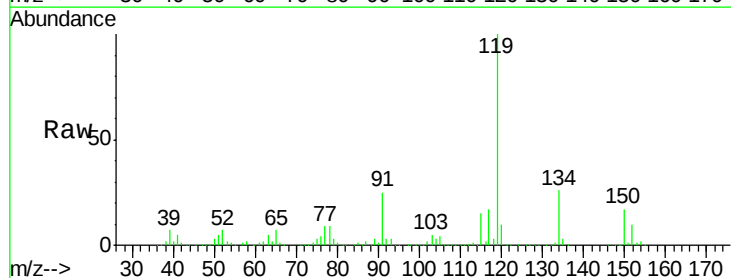
Tgt Ion:119 Resp: 222988

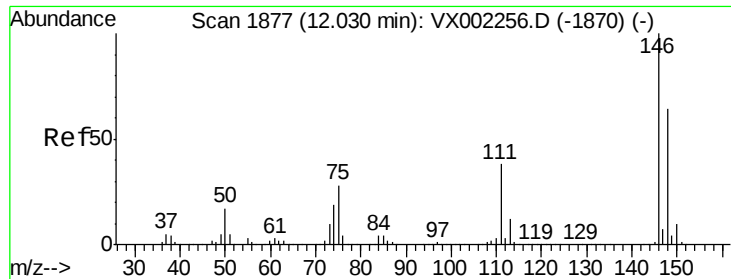
Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.1

91 23.8 11.9 35.7





#87

1,3-Dichlorobenzene

Concen: 19.049 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX002382.D

Acq: 07 Jun 2018 17:14

Instrument :

MSVOA_X

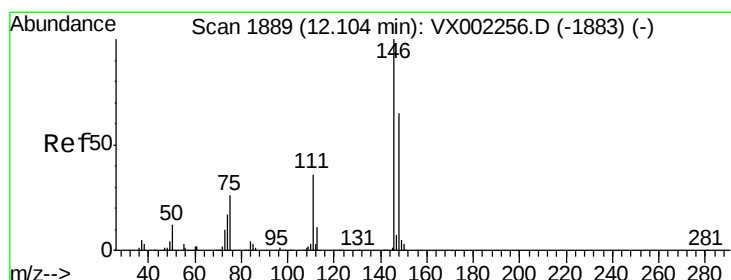
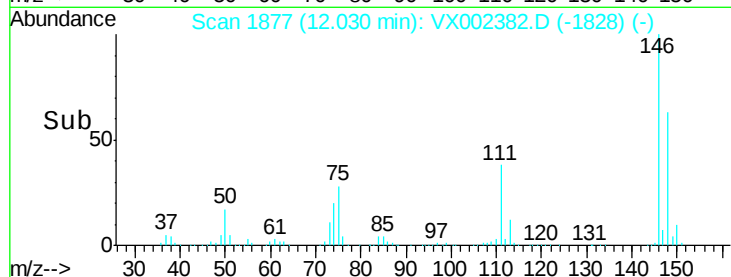
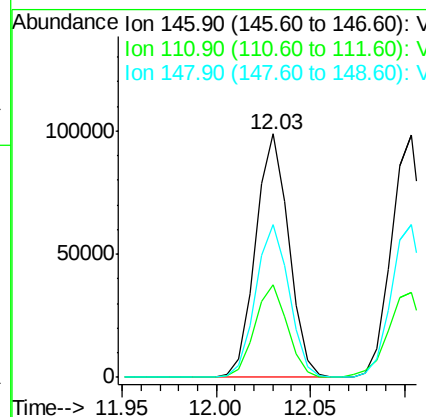
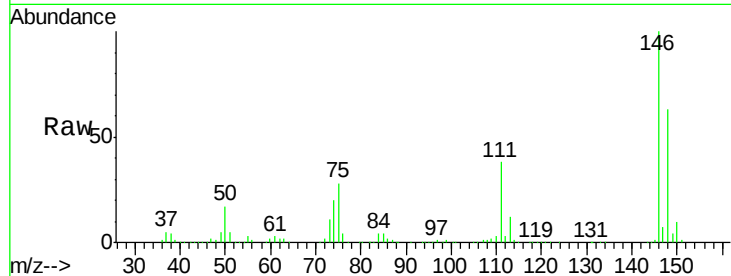
ClientSampled :

VX0607WBSD01

Tgt Ion:	146	Resp:	120413
Ion Ratio	Lower	Upper	
146	100		
111	37.6	18.9	56.7
148	63.5	32.1	96.3

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 18.494 ug/l

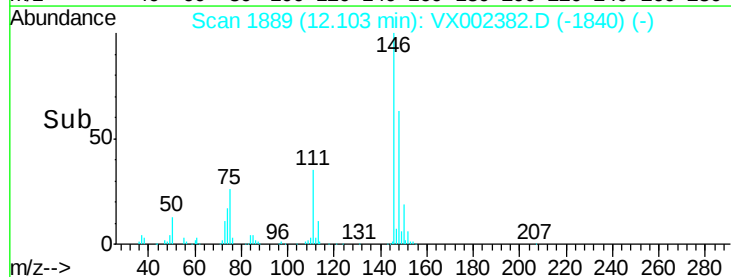
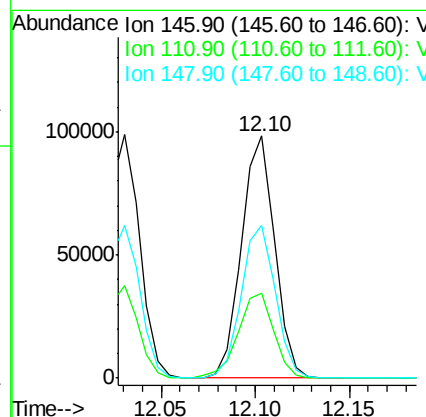
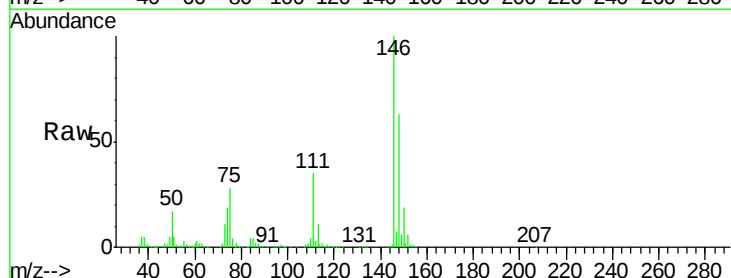
RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX002382.D

Acq: 07 Jun 2018 17:14

Tgt Ion:	146	Resp:	120499
Ion Ratio	Lower	Upper	
146	100		
111	37.8	18.7	56.1
148	64.5	32.4	97.0





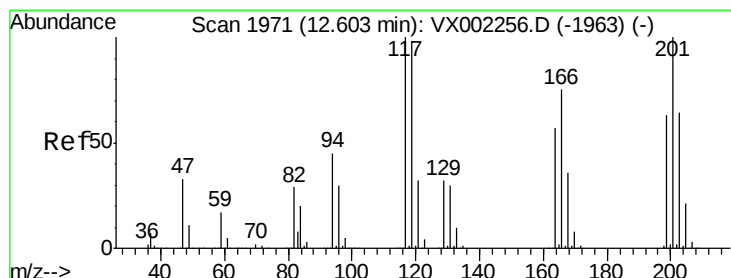
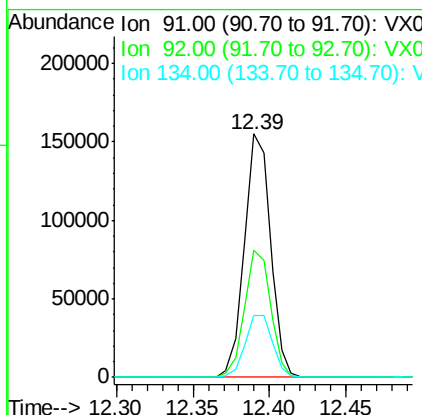
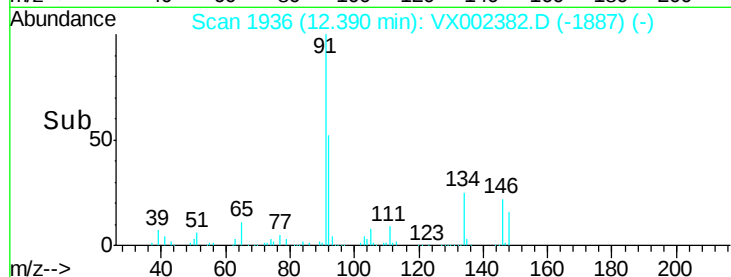
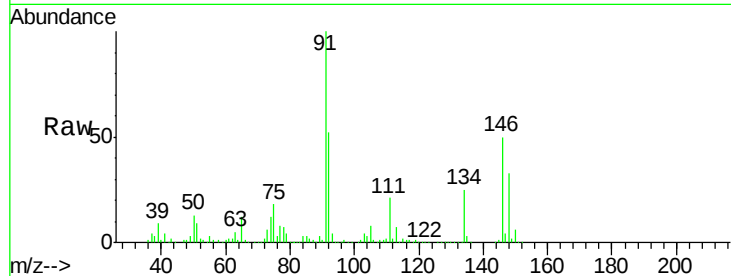
#89
n-Butylbenzene
Concen: 19.593 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX002382.D
Acq: 07 Jun 2018 17:14

Instrument :
MSVOA_X
ClientSampleId :
VX0607WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	184555		
92	52.2	26.0	78.0	
134	26.7	13.5	40.5	

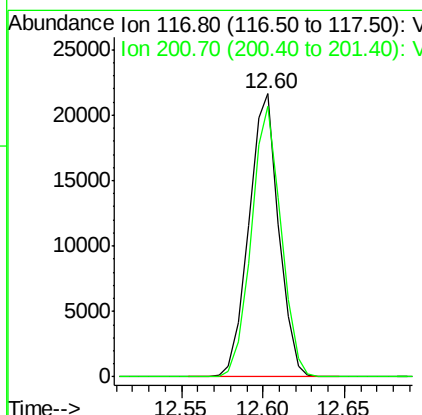
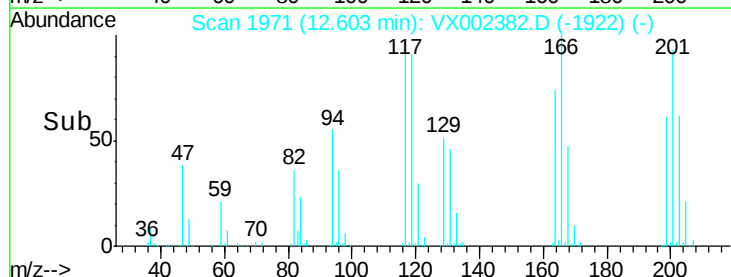
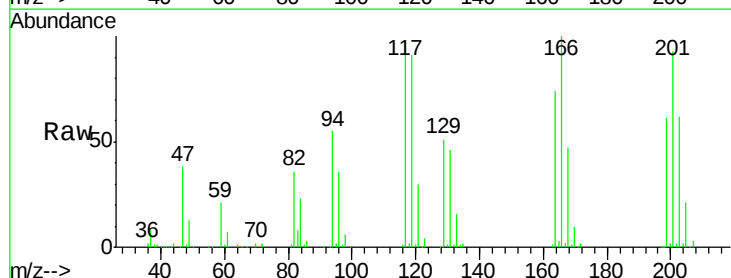
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#90
Hexachloroethane
Concen: 15.390 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX002382.D
Acq: 07 Jun 2018 17:14

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	27593		
201	94.7	49.0	147.0	





#91

1,2-Dichlorobenzene

Concen: 19.044 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX002382.D

Acq: 07 Jun 2018 17:14

Instrument :

MSVOA_X

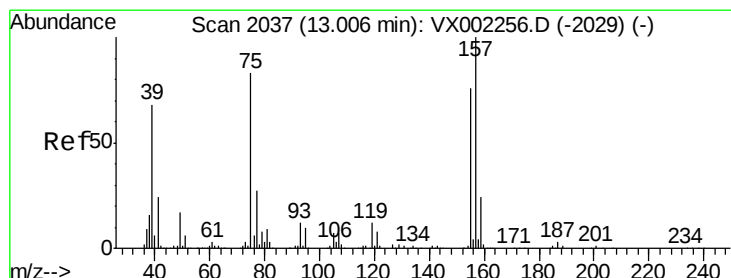
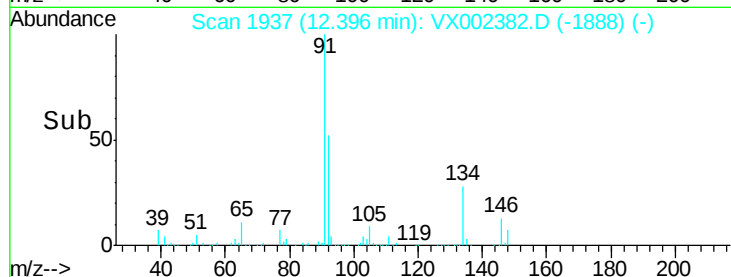
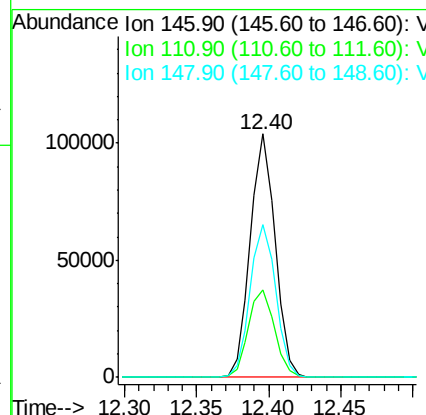
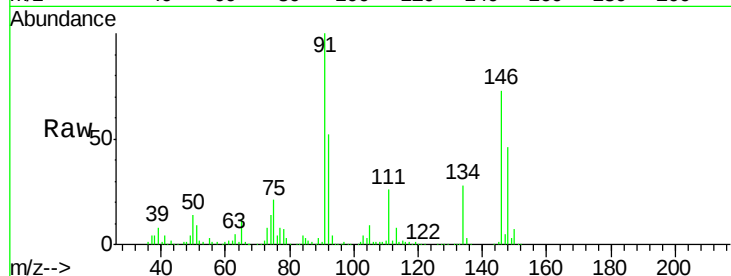
ClientSampleId :

VX0607WBSD01

Tgt Ion:	146	Resp:	124549
Ion Ratio	Lower	Upper	
146	100		
111	37.7	19.4	58.1
148	64.6	31.7	95.1

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#92

1,2-Dibromo-3-Chloropropane

Concen: 19.455 ug/l

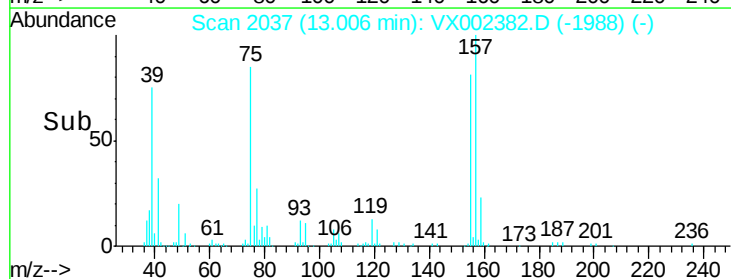
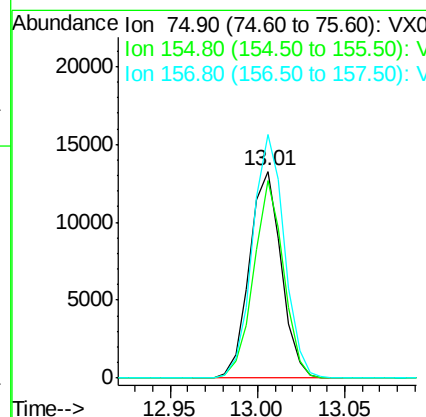
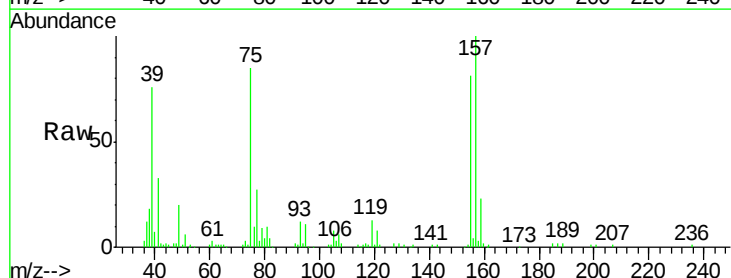
RT: 13.01 min Scan# 2037

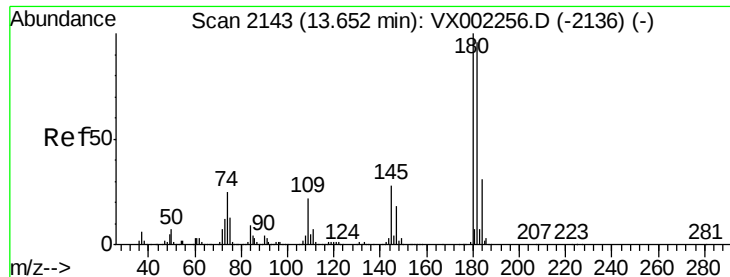
Delta R.T. -0.00 min

Lab File: VX002382.D

Acq: 07 Jun 2018 17:14

Tgt Ion:	75	Resp:	16850
Ion Ratio	Lower	Upper	
75	100		
155	89.0	45.8	137.4
157	117.2	60.1	180.3





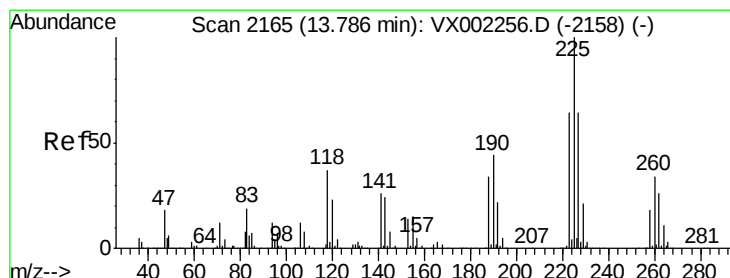
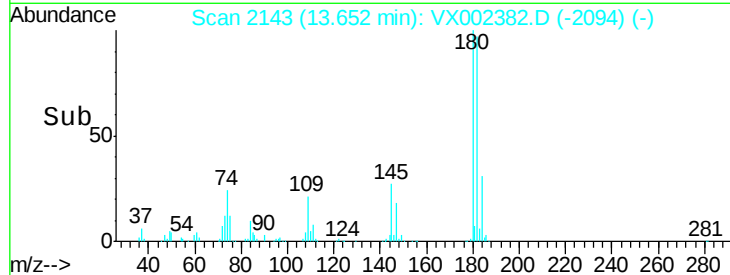
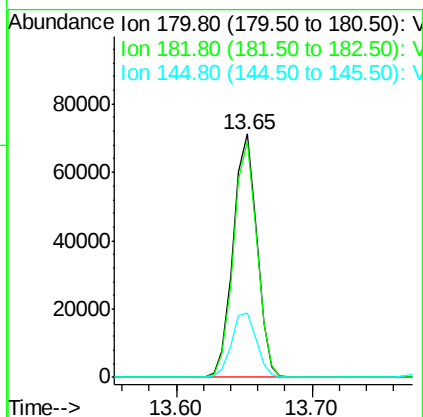
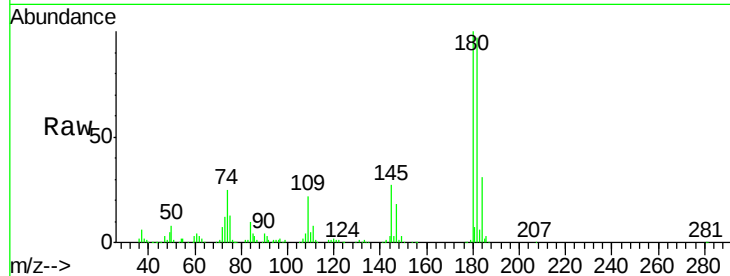
#93
 1,2,4-Trichlorobenzene
 Concen: 18.883 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002382.D
 Acq: 07 Jun 2018 17:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0607WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	86595		
182	96.1	47.7	143.1	
145	27.9	14.1	42.4	

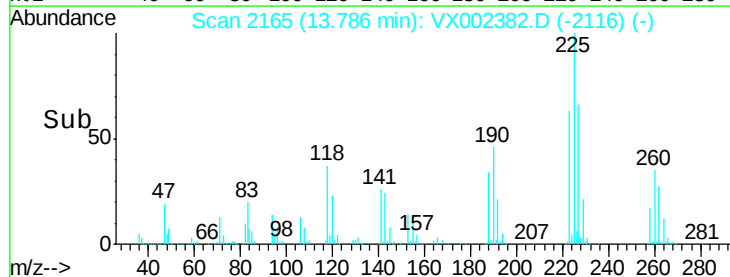
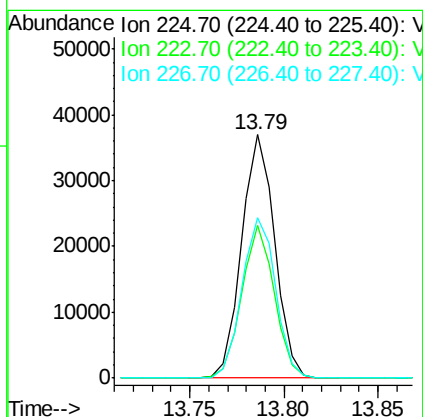
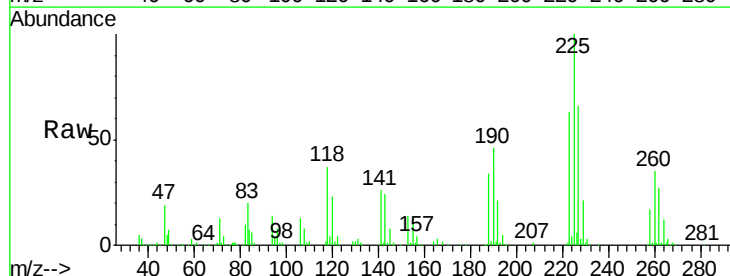
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#94
 Hexachlorobutadiene
 Concen: 19.845 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002382.D
 Acq: 07 Jun 2018 17:14

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	44971		
223	62.0	31.6	95.0	
227	66.9	32.4	97.2	





#95

Naphthalene

Concen: 20.372 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002382.D

Acq: 07 Jun 2018 17:14

Instrument :

MSVOA_X

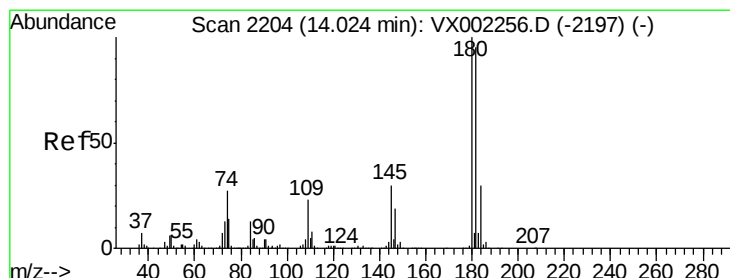
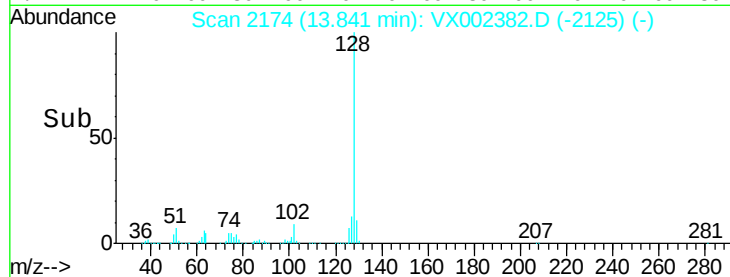
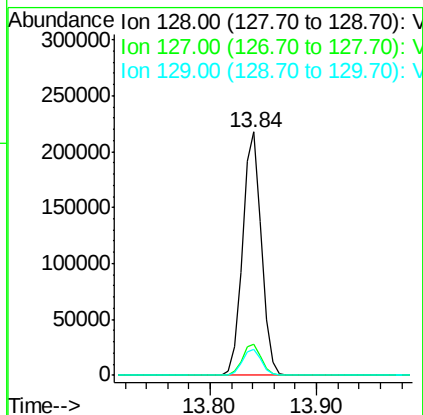
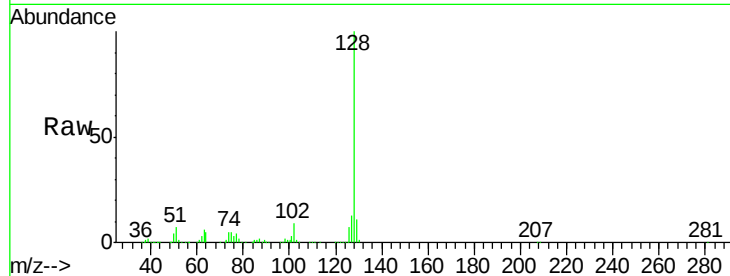
ClientSampleId :

VX0607WBSD01

Tgt Ion:	128	Resp:	268423
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.4	15.6
129	11.0	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
6/8/2018 1:20:26 PM



#96

1,2,3-Trichlorobenzene

Concen: 19.747 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX002382.D

Acq: 07 Jun 2018 17:14

Tgt Ion:	180	Resp:	92355
Ion Ratio	Lower	Upper	
180	100		
182	95.1	48.0	144.0
145	29.6	14.8	44.3

