

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060418\
 Data File : VX002263.D
 Acq On : 04 Jun 2018 16:34
 Operator : JC/MD
 Sample : VX0604WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0604WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/5/2018 5:56:06 PM

Quant Time: Jun 05 05:16:15 2018
 Quant Method : Y:\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	266166	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	385457	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	364149	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	217915	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	190467	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	
35) Dibromofluoromethane	5.51	113	139854	46.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.28%	
50) Toluene-d8	8.72	98	530848	45.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.38%	
62) 4-Bromofluorobenzene	11.14	95	198634	44.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	55944	20.219	ug/l	100
3) Chloromethane	1.32	50	67711	19.613	ug/l	100
4) Vinyl Chloride	1.41	62	68719	19.706	ug/l	99
5) Bromomethane	1.64	94	48368	22.687	ug/l	99
6) Chloroethane	1.73	64	44081	19.542	ug/l	94
7) Trichlorofluoromethane	1.93	101	109181	20.549	ug/l	98
8) Diethyl Ether	2.19	74	42911	21.355	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	62101	21.659	ug/l	98
10) Methyl Iodide	2.51	142	65816	16.320	ug/l	99
11) Tert butyl alcohol	3.07	59	95478	111.428	ug/l	100
12) 1,1-Dichloroethene	2.38	96	55360	19.538	ug/l	97
13) Acrolein	2.30	56	44584	112.610	ug/l	98
14) Allyl chloride	2.73	41	116543	18.953	ug/l	100
15) Acrylonitrile	3.15	53	189267	111.471	ug/l	100
16) Acetone	2.45	43	195644	108.681	ug/l	98
17) Carbon Disulfide	2.57	76	133715	17.905	ug/l	99
18) Methyl Acetate	2.78	43	90314	22.184	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	227985	21.755	ug/l	99
20) Methylene Chloride	2.86	84	67827	20.931	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	59815	19.143	ug/l	96
22) Diisopropyl ether	3.88	45	215033	20.041	ug/l	98
23) Vinyl Acetate	3.83	43	955028	95.805	ug/l	100
24) 1,1-Dichloroethane	3.70	63	118406	19.482	ug/l	100
25) 2-Butanone	4.71	43	264818	101.473	ug/l	100
26) 2,2-Dichloropropane	4.59	77	85765	18.053	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	63523	18.693	ug/l	95
28) Bromochloromethane	5.03	49	60811	21.497	ug/l	100
29) Tetrahydrofuran	5.17	42	170686	101.441	ug/l	100
30) Chloroform	5.22	83	111988	19.096	ug/l	95
31) Cyclohexane	5.57	56	98288	20.452	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	95573	19.216	ug/l	99
36) 1,1-Dichloropropene	5.81	75	78263	19.313	ug/l	99
37) Ethyl Acetate	4.87	43	102018	20.934	ug/l	99
38) Carbon Tetrachloride	5.79	117	82016	19.347	ug/l	99

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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	97069	19.550	ug/l	99
40) Benzene	6.15	78	244284	19.661	ug/l	100
41) Methacrylonitrile	5.07	41	57547	20.628	ug/l	99
42) 1,2-Dichloroethane	6.20	62	99923	20.242	ug/l	100
43) Isopropyl Acetate	6.47	43	166238	20.084	ug/l	100
44) Trichloroethene	7.22	130	68959	19.998	ug/l	98
45) 1,2-Dichloropropane	7.52	63	66623	19.862	ug/l	98
46) Dibromomethane	7.67	93	45093	19.831	ug/l	99
47) Bromodichloromethane	7.90	83	78246	19.026	ug/l	99
48) Methyl methacrylate	7.78	41	85919	20.665	ug/l	99
49) 1,4-Dioxane	7.76	88	33557	431.653	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	547693	106.252	ug/l	99
52) Toluene	8.79	92	155593	19.689	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	96164	19.499	ug/l	98
54) cis-1,3-Dichloropropene	9.04	75	89939	19.330	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	66034	20.317	ug/l	98
56) Ethyl methacrylate	9.18	69	102783	19.808	ug/l	99
57) 1,3-Dichloropropane	9.38	76	110712	20.304	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	247872	103.208	ug/l	100
59) 2-Hexanone	9.50	43	414494	104.105	ug/l	100
60) Dibromochloromethane	9.59	129	63858	19.533	ug/l	98
61) 1,2-Dibromoethane	9.68	107	68752	20.287	ug/l	99
64) Tetrachloroethene	9.34	164	76332	20.325	ug/l	99
65) Chlorobenzene	10.14	112	178388	19.687	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	64044	19.520	ug/l	99
67) Ethyl Benzene	10.26	91	302904	19.975	ug/l	99
68) m/p-Xylenes	10.36	106	231437	39.263	ug/l	100
69) o-Xylene	10.70	106	115891	19.756	ug/l	99
70) Styrene	10.71	104	187697	19.573	ug/l	99
71) Bromoform	10.86	173	46828	18.292	ug/l #	100
73) Isopropylbenzene	11.02	105	307246	20.268	ug/l	100
74) N-amyl acetate	6.47	43	166238	20.352	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	95742	20.081	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	97229m	20.334	ug/l	
77) Bromobenzene	11.26	156	84625	19.885	ug/l	100
78) n-propylbenzene	11.37	91	345933	20.531	ug/l	100
79) 2-Chlorotoluene	11.43	91	208023	19.553	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	260958	20.070	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	25365	18.595	ug/l	90
82) 4-Chlorotoluene	11.51	91	242752	19.768	ug/l	99
83) tert-Butylbenzene	11.77	119	253534	20.024	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	266229	19.891	ug/l	99
85) sec-Butylbenzene	11.95	105	310713	20.933	ug/l	99
86) p-Isopropyltoluene	12.07	119	277046	20.491	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	148412	19.504	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	151041	19.257	ug/l	99
89) n-Butylbenzene	12.39	91	228923	20.188	ug/l	99
90) Hexachloroethane	12.60	117	39645	18.369	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	155188	19.711	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	20559	19.719	ug/l	99

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VX0604WBSD01

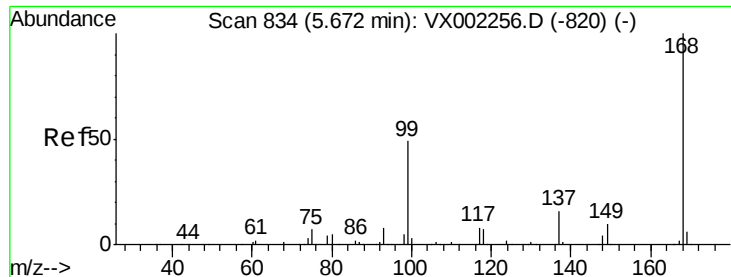
Manual Integrations
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Quant Method : Y:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
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QLast Update : Tue Jun 05 03:22:35 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	106225	19.242	ug/l	100
94) Hexachlorobutadiene	13.79	225	56101	20.565	ug/l	100
95) Naphthalene	13.84	128	326262	20.569	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	112200	19.929	ug/l	100

(#) = 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: VX002263.D

Acq: 04 Jun 2018 16:34

Instrument :

MSVOA_X

ClientSampled :

VX0604WBSD01

Tot Ion:168 Resp: 266166

Ion Ratio Lower Upper

168 100

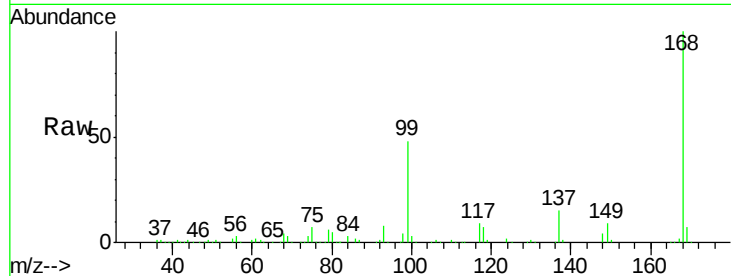
99 48.2 39.3 58.9

Manual Integrations

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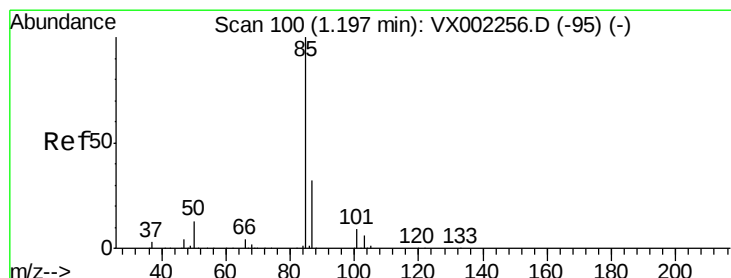
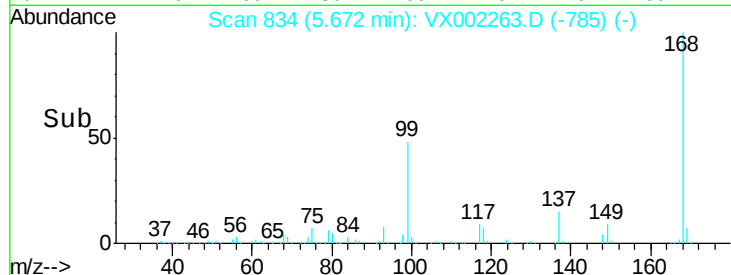
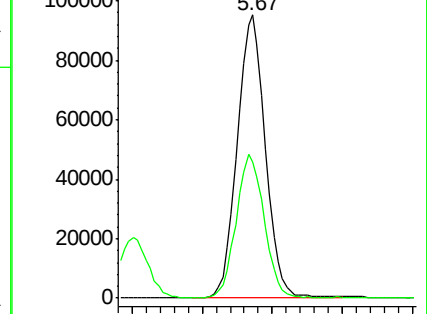
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 20.219 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX002263.D

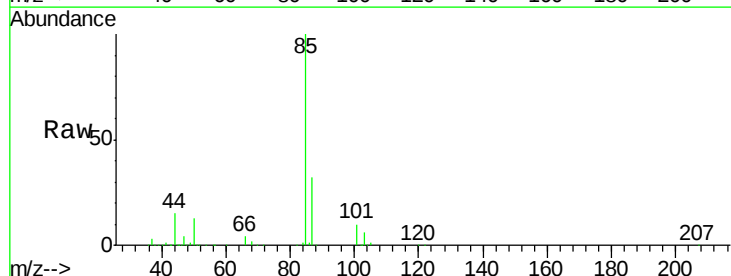
Acq: 04 Jun 2018 16:34

Tgt Ion: 85 Resp: 55944

Ion Ratio Lower Upper

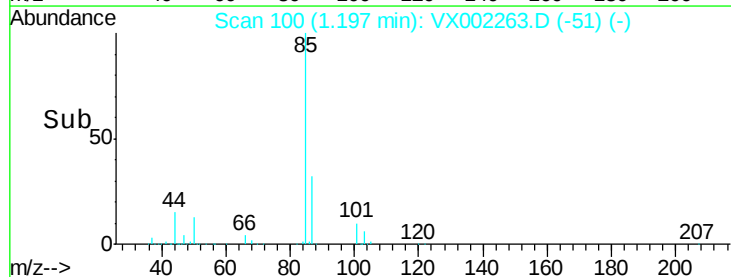
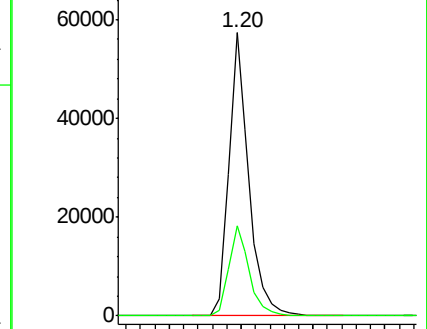
85 100

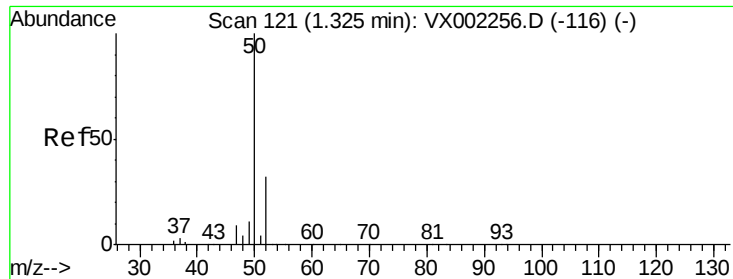
87 31.7 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 19.613 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002263.D

Acq: 04 Jun 2018 16:34

Instrument :

MSVOA_X

ClientSampled :

VX0604WBSD01

Tot Ion: 50 Resp: 67711

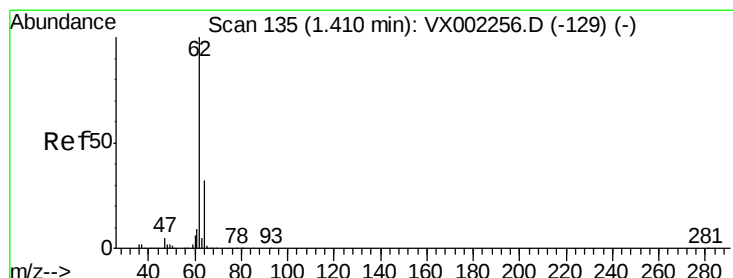
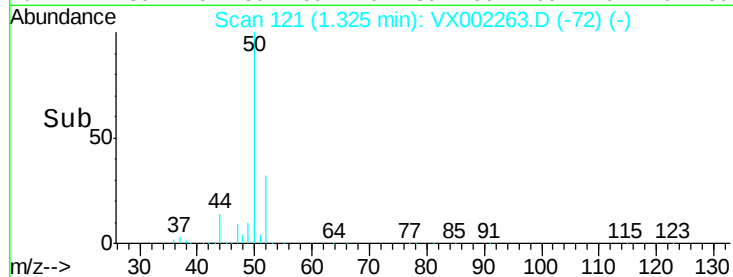
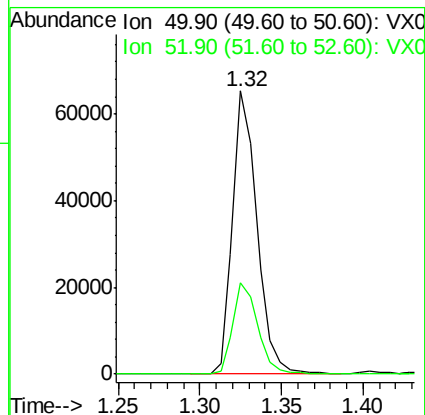
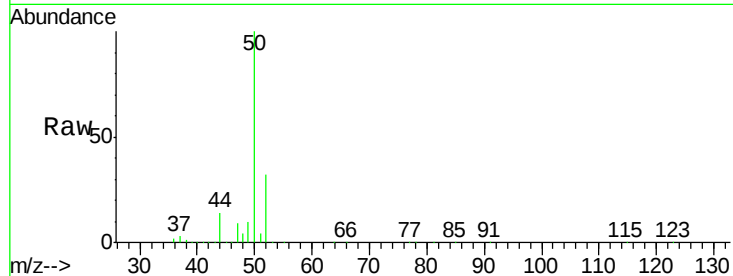
Ion Ratio Lower Upper

50 100

52 32.0 25.7 38.5

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#4

Vinyl Chloride

Concen: 19.706 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX002263.D

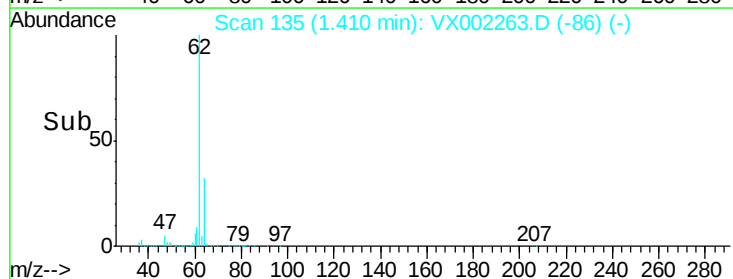
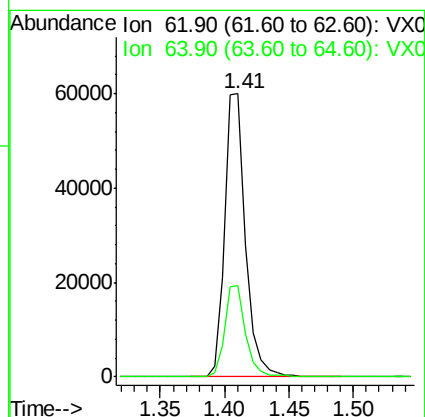
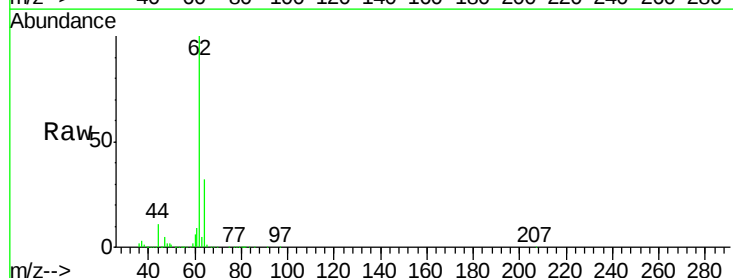
Acq: 04 Jun 2018 16:34

Tgt Ion: 62 Resp: 68719

Ion Ratio Lower Upper

62 100

64 32.4 25.4 38.2





#5

Bromomethane

Concen: 22.687 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002263.D

Acq: 04 Jun 2018 16:34

Instrument :

MSVOA_X

ClientSampleId :

VX0604WBSD01

Tot Ion: 94 Resp: 48368

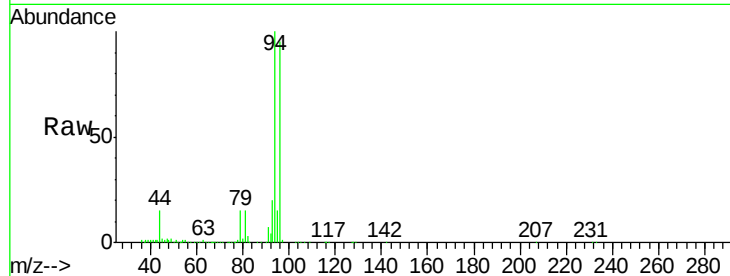
Ion Ratio Lower Upper

94 100

96 94.9 74.9 112.3

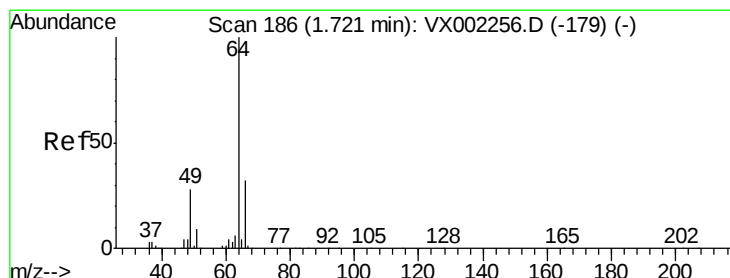
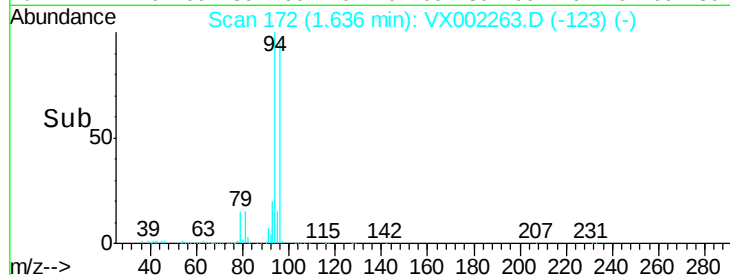
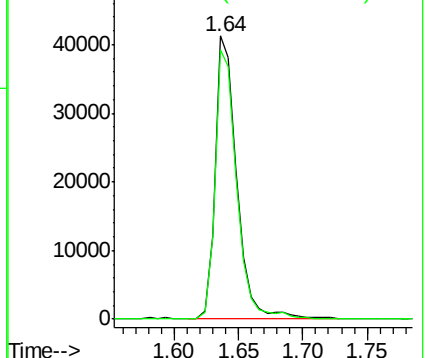
Manual Integrations
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.542 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX002263.D

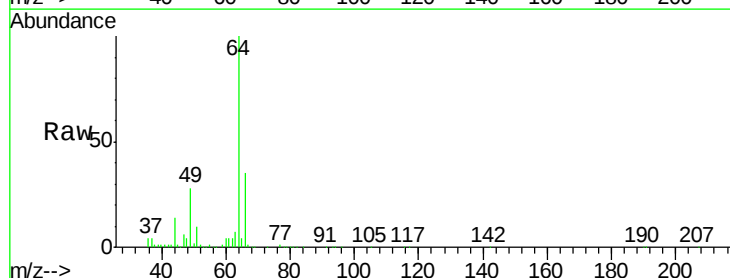
Acq: 04 Jun 2018 16:34

Tgt Ion: 64 Resp: 44081

Ion Ratio Lower Upper

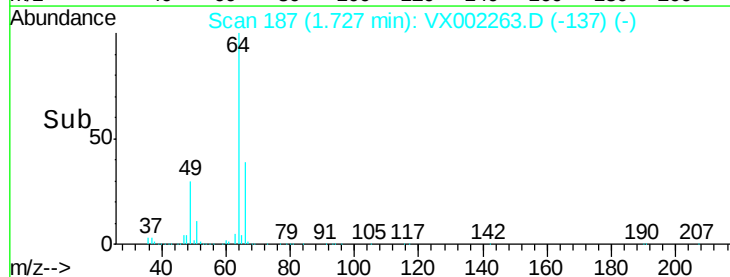
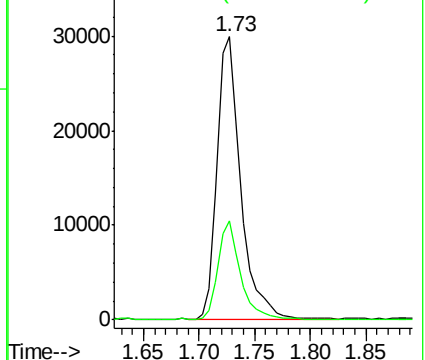
64 100

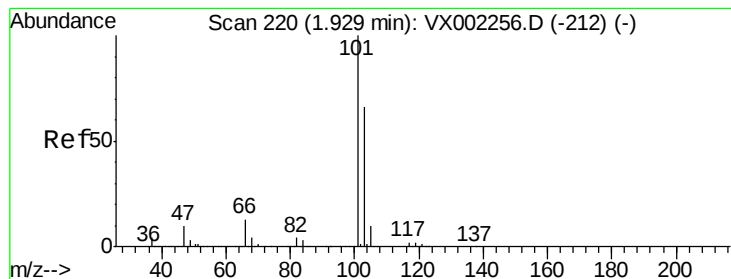
66 35.1 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

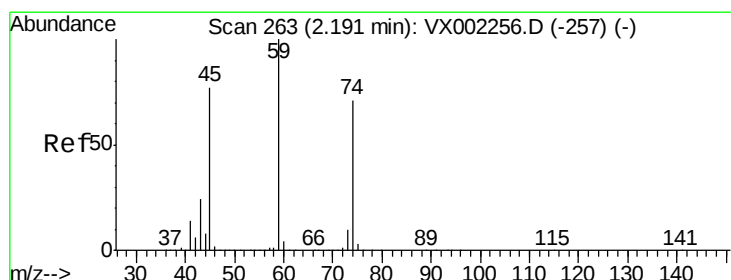
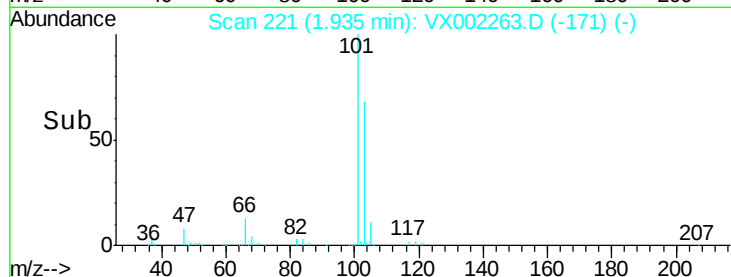
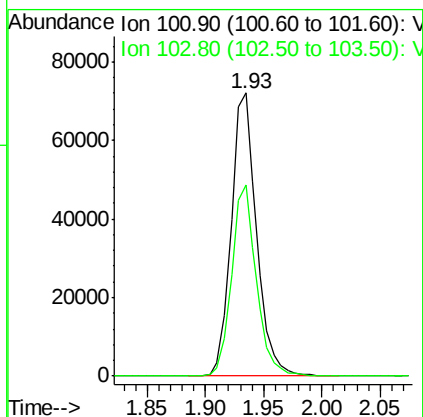
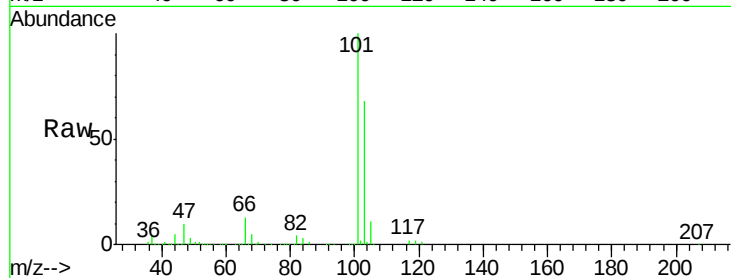
Trichlorofluoromethane
 Concen: 20.549 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. 0.01 min
 Lab File: VX002263.D
 Acq: 04 Jun 2018 16:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0604WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	67.6	52.8	79.2

Manual Integrations
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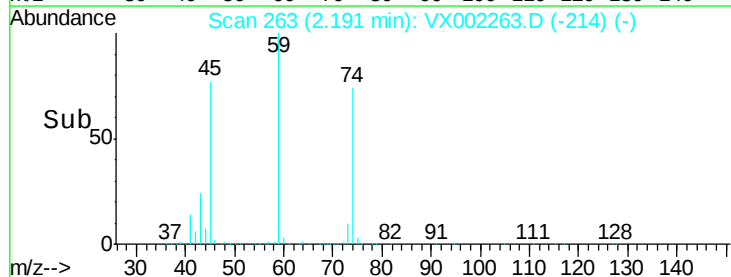
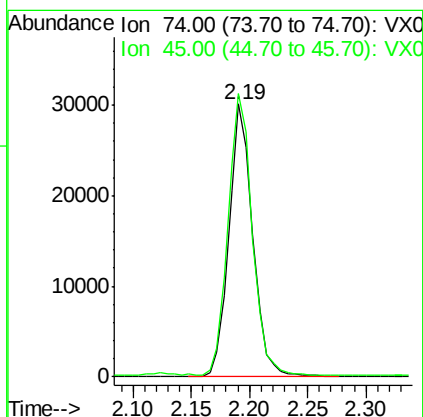
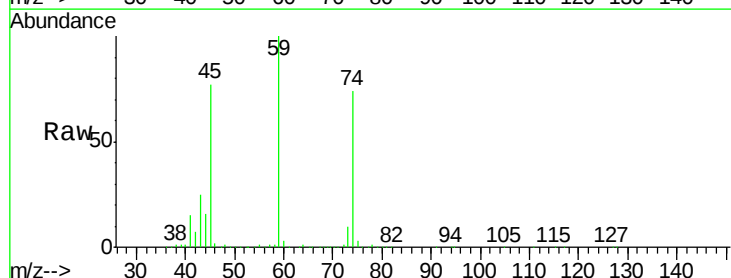
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 6/5/2018 5:56:06 PM

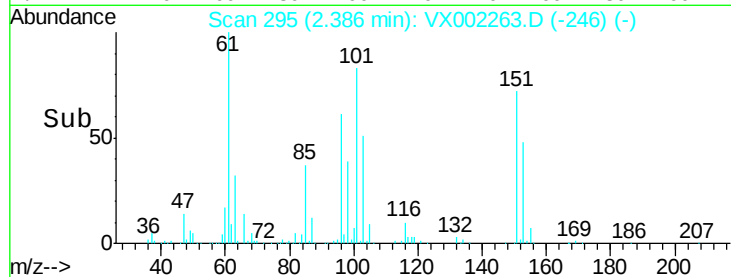
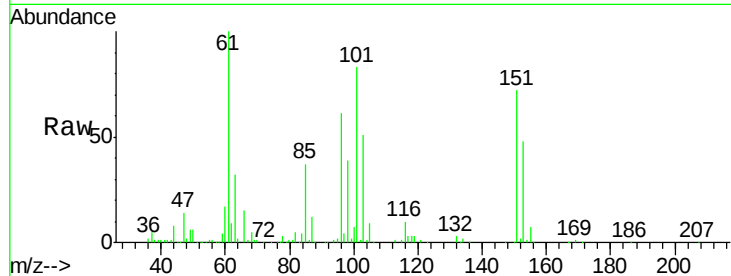
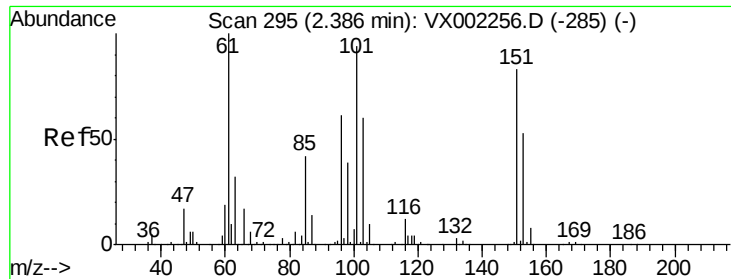


#8

Diethyl Ether
 Concen: 21.355 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX002263.D
 Acq: 04 Jun 2018 16:34

Tgt Ion	Ratio	Lower	Upper
74	100		
45	104.2	53.1	159.4





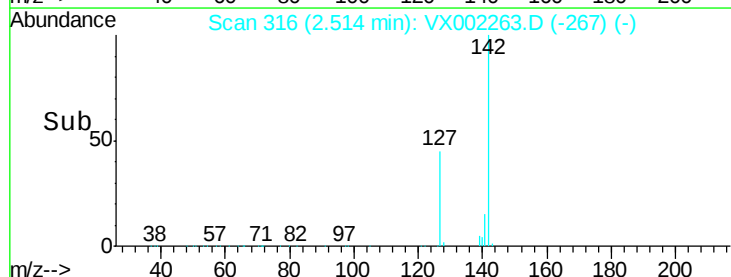
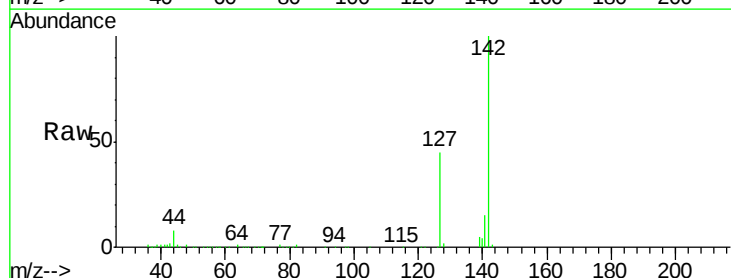
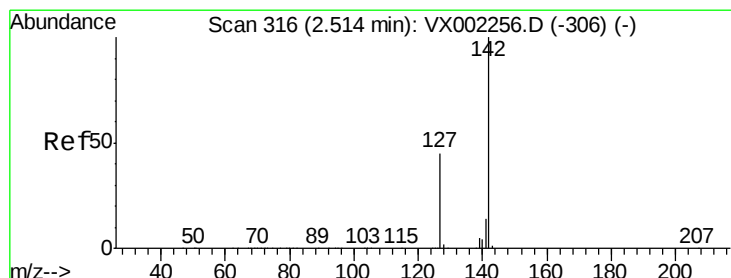
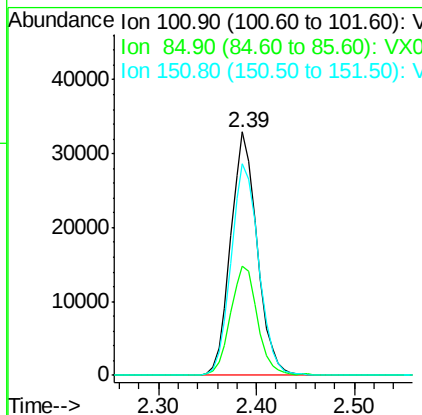
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.659 ug/l
RT: 2.39 min Scan# 295
Delta R.T. -0.00 min
Lab File: VX002263.D
Acq: 04 Jun 2018 16:34

Instrument :
MSVOA_X
ClientSampleId :
VX0604WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	62101		
85	45.6	36.0	54.0	
151	90.4	70.9	106.3	

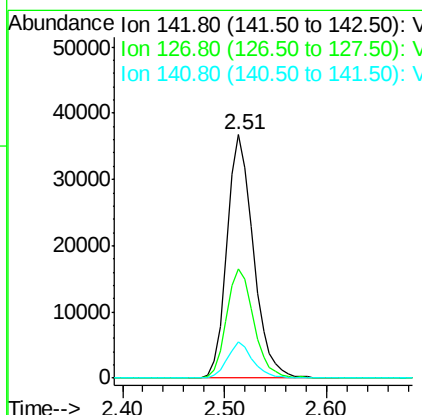
Manual Integrations
APPROVED

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#10
Methyl Iodide
Concen: 16.320 ug/l
RT: 2.51 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX002263.D
Acq: 04 Jun 2018 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	65816		
127	46.4	36.6	55.0	
141	14.4	11.3	16.9	





#11

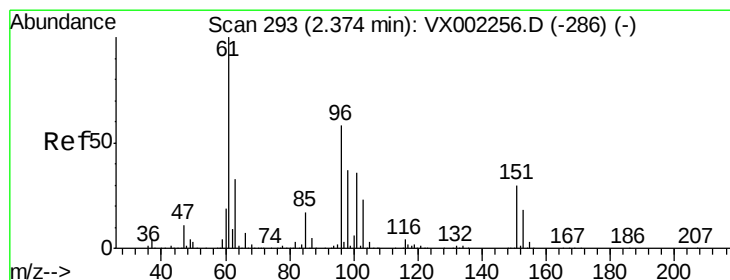
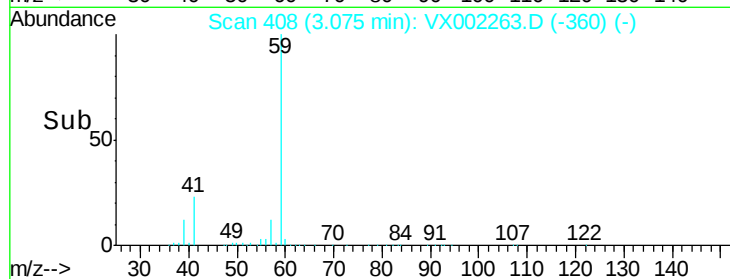
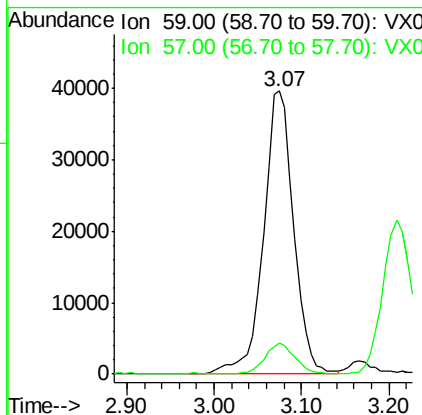
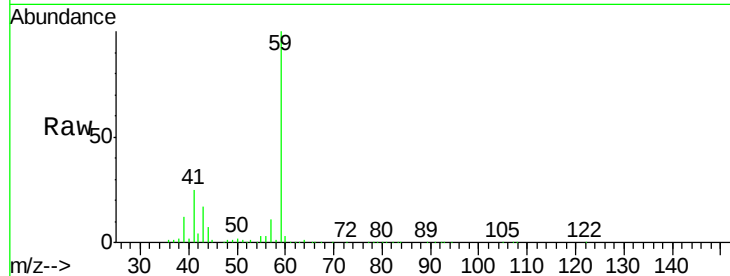
Tert butyl alcohol
 Concen: 111.428 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. -0.01 min
 Lab File: VX002263.D
 Acq: 04 Jun 2018 16:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0604WBSD01

Tot Ion	59	57	Ratio	100	10.2	Resp	95478	Lower	8.2	Upper	12.2
Ion	59	57	Ratio	100	10.2	Resp	95478	Lower	8.2	Upper	12.2

Manual Integrations
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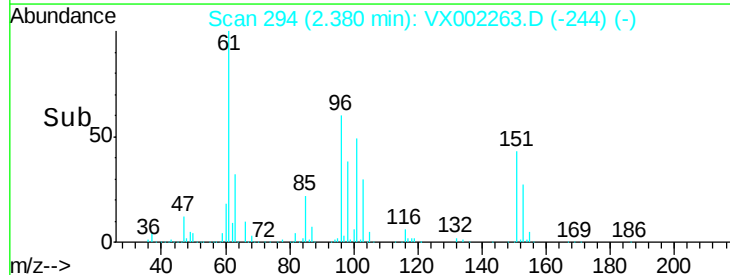
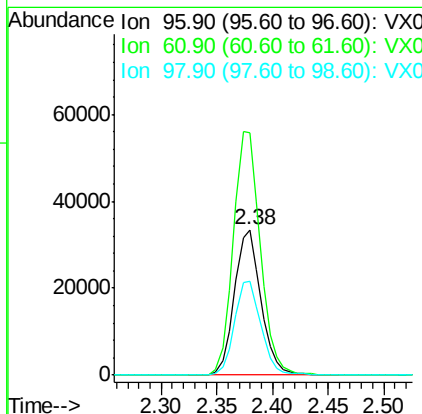
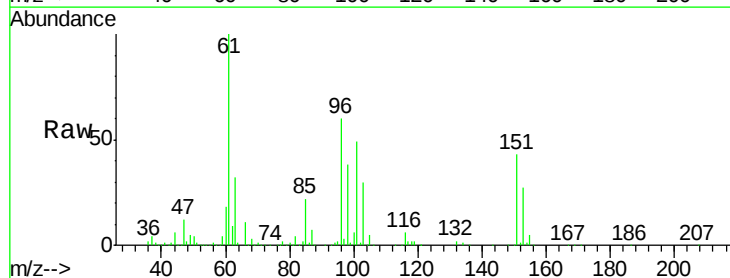
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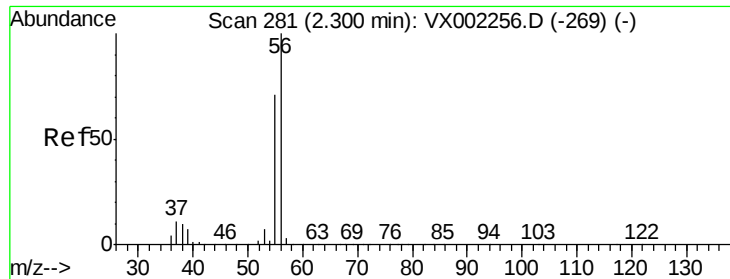


#12

1,1-Dichloroethene
 Concen: 19.538 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. 0.01 min
 Lab File: VX002263.D
 Acq: 04 Jun 2018 16:34

Tgt Ion	96	61	98	Ratio	100	166.9	64.1	Resp	55360	Lower	137.9	51.6	Upper	206.9	77.4
Ion	96	61	98	Ratio	100	166.9	64.1	Resp	55360	Lower	137.9	51.6	Upper	206.9	77.4





#13

Acrolein

Concen: 112.610 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX002263.D

Acq: 04 Jun 2018 16:34

Instrument :

MSVOA_X

ClientSampleId :

VX0604WBSD01

Tot Ion: 56 Resp: 44584

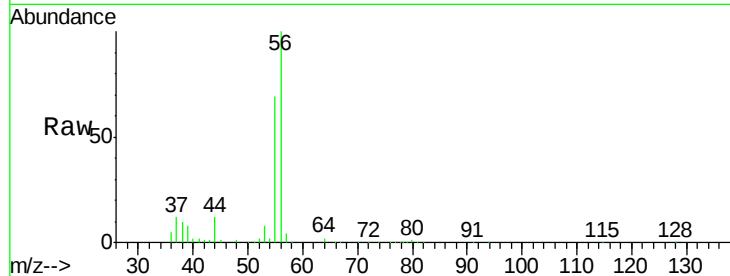
Ion Ratio Lower Upper

56 100

55 69.2 57.0 85.4

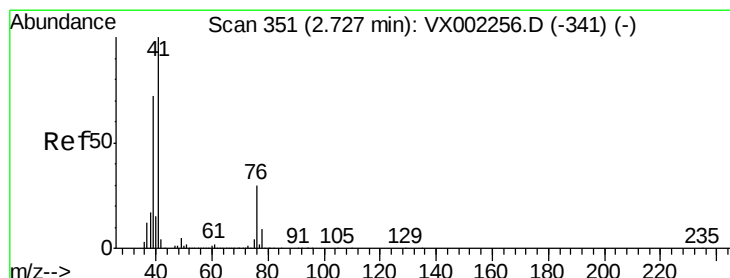
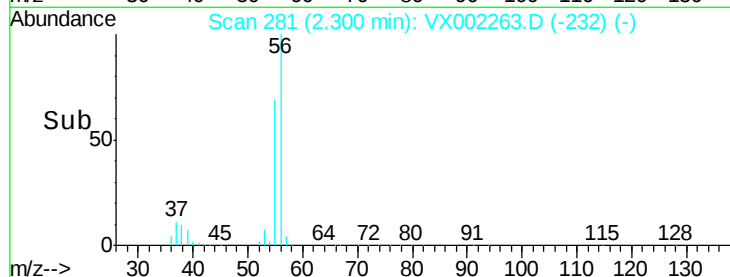
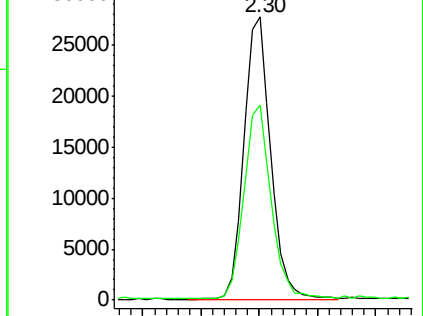
Manual Integrations
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 18.953 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002263.D

Acq: 04 Jun 2018 16:34

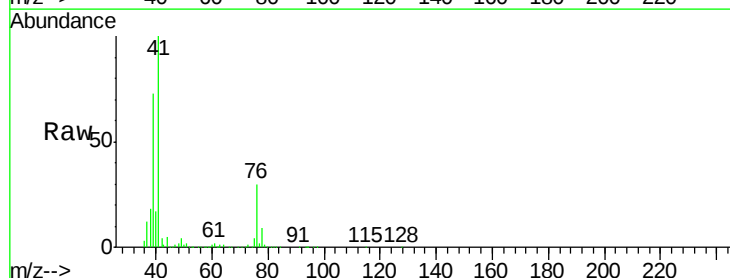
Tgt Ion: 41 Resp: 116543

Ion Ratio Lower Upper

41 100

39 71.1 56.8 85.2

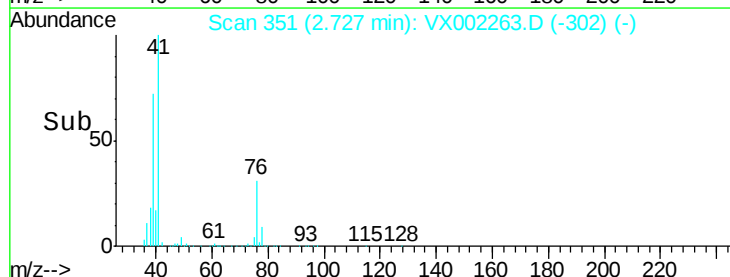
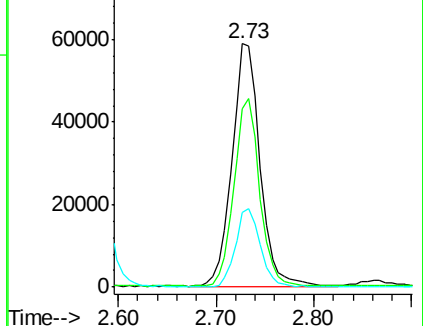
76 29.2 23.8 35.8

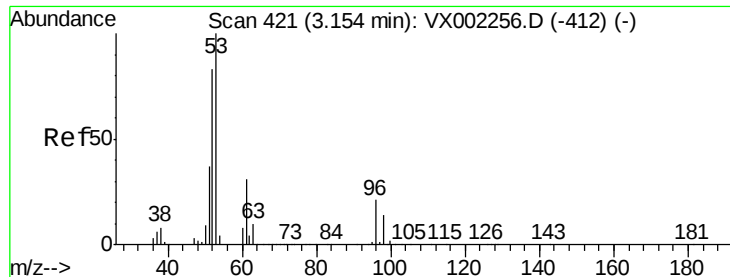


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 111.471 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002263.D

Acq: 04 Jun 2018 16:34

Instrument :

MSVOA_X

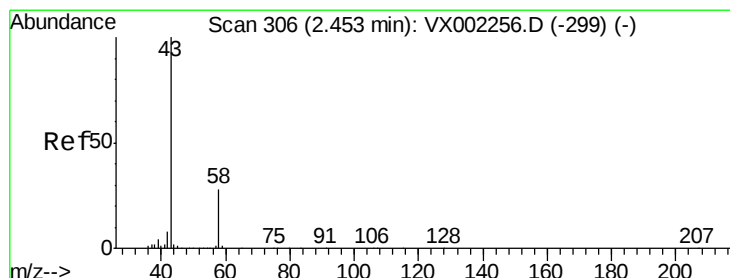
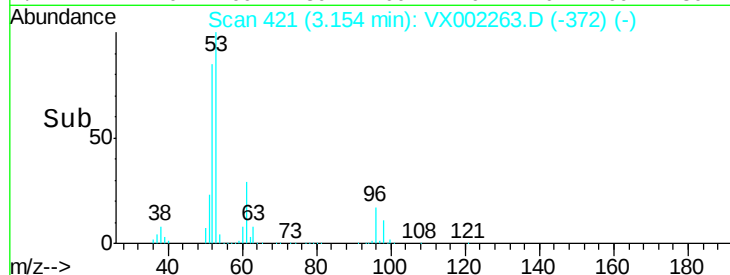
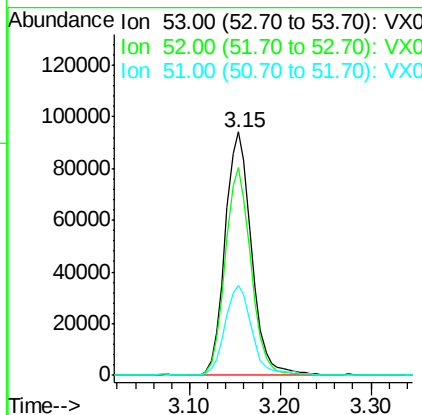
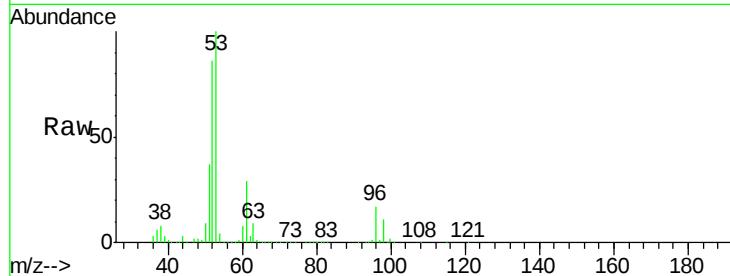
ClientSampleId :

VX0604WBSD01

Tot Ion:	53	Resp:	189267
Ion Ratio		Lower	Upper
53	100		
52	83.4	66.7	100.1
51	37.8	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 108.681 ug/l

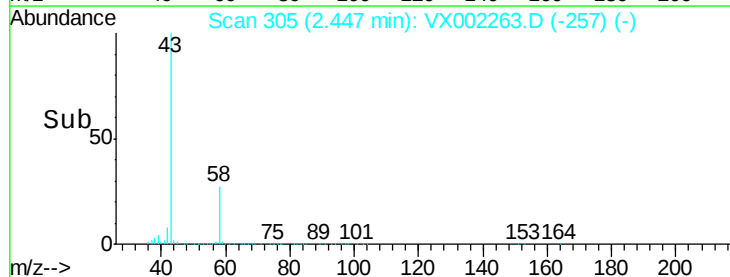
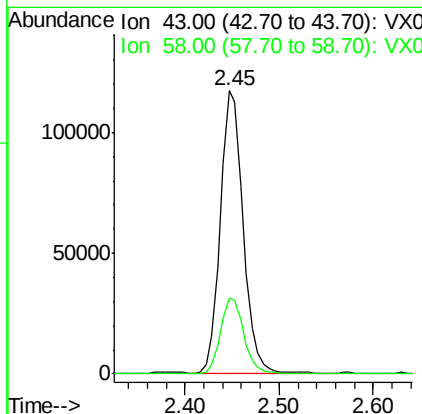
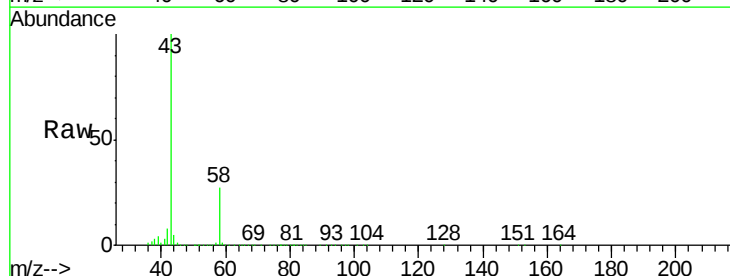
RT: 2.45 min Scan# 305

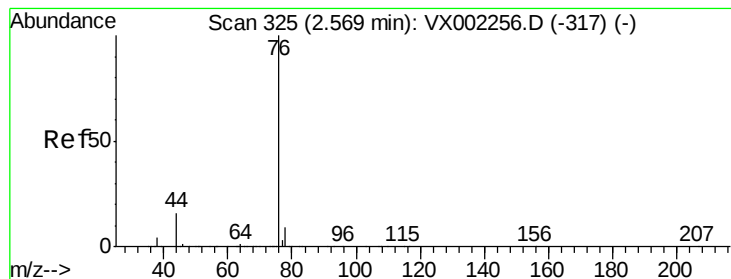
Delta R.T. -0.01 min

Lab File: VX002263.D

Acq: 04 Jun 2018 16:34

Tgt Ion:	43	Resp:	195644
Ion Ratio		Lower	Upper
43	100		
58	26.8	22.1	33.1





#17

Carbon Disulfide

Concen: 17.905 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.01 min

Lab File: VX002263.D

Acq: 04 Jun 2018 16:34

Instrument :

MSVOA_X

ClientSampleId :

VX0604WBSD01

Tot Ion: 76 Resp: 133715

Ion Ratio Lower Upper

76 100

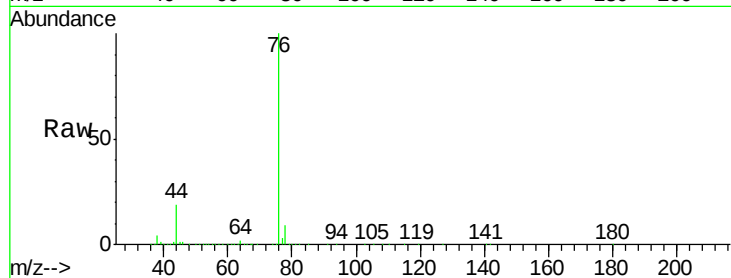
78 8.9 6.9 10.3

Manual Integrations

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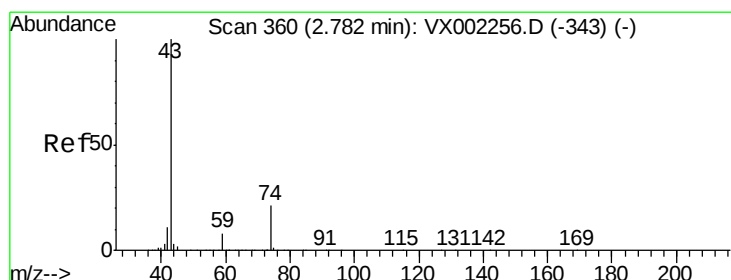
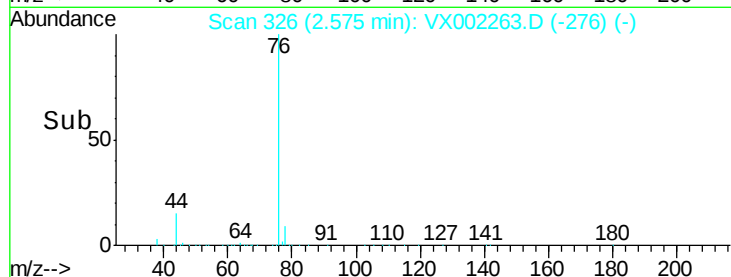
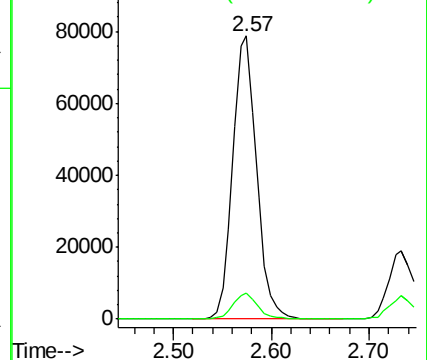
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 22.184 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX002263.D

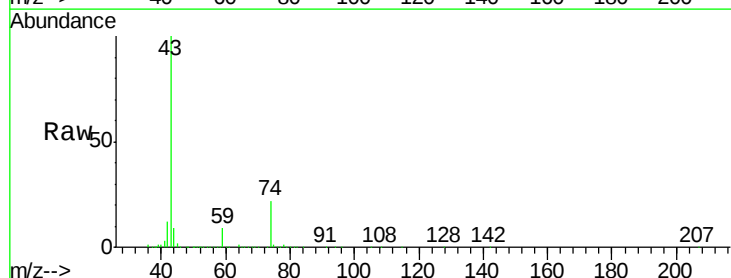
Acq: 04 Jun 2018 16:34

Tgt Ion: 43 Resp: 90314

Ion Ratio Lower Upper

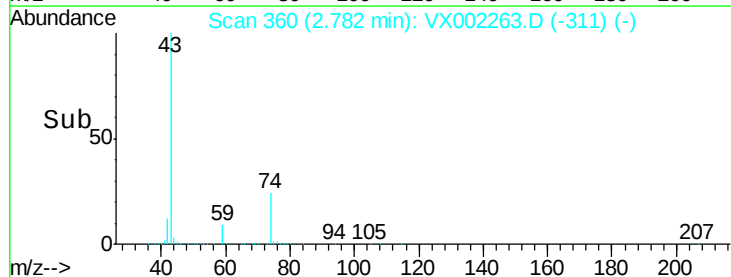
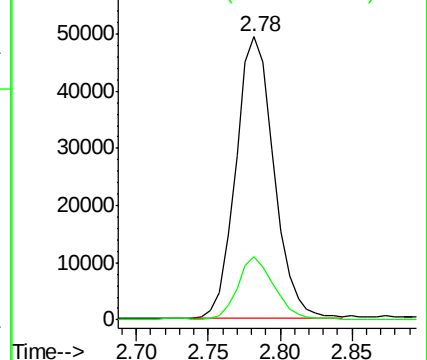
43 100

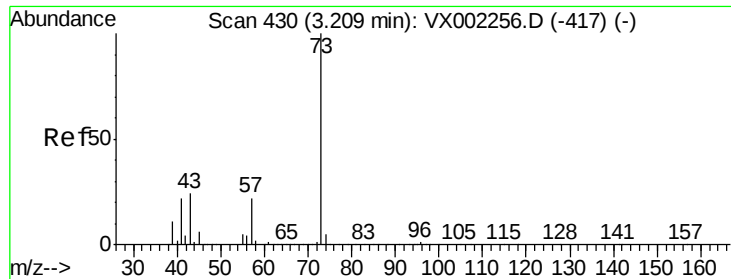
74 21.5 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





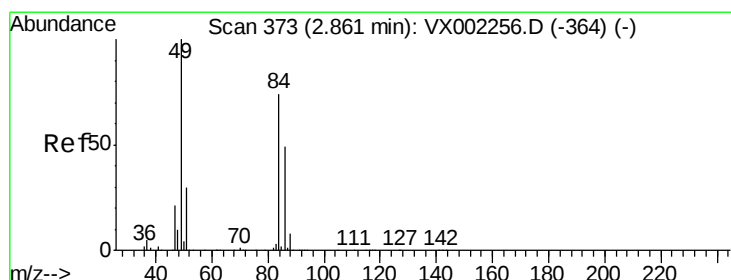
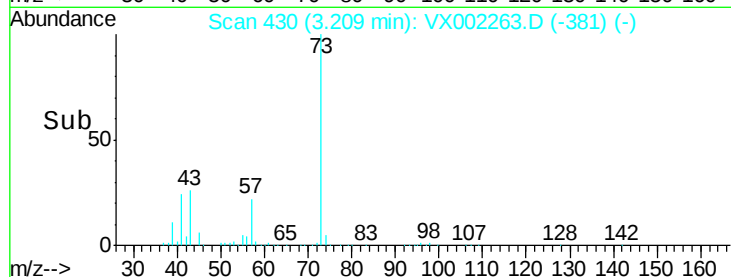
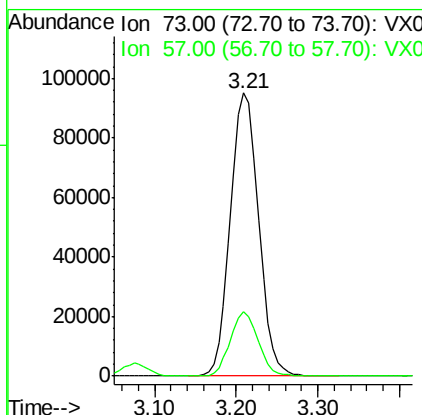
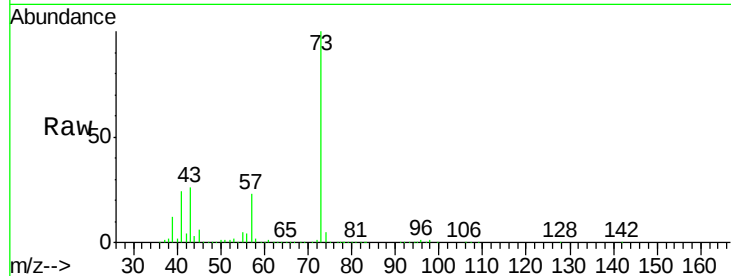
#19
Methyl tert-butyl Ether
Concen: 21.755 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX002263.D
Acq: 04 Jun 2018 16:34

Instrument :
MSVOA_X
ClientSampleId :
VX0604WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.5	17.7	26.5

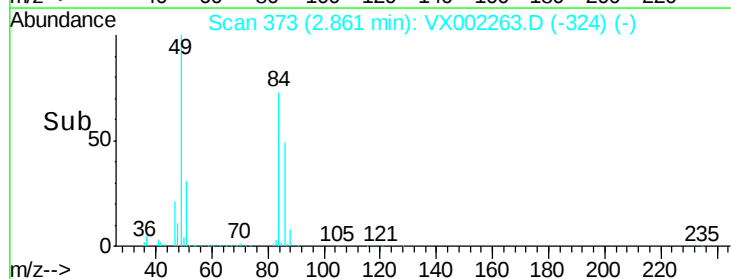
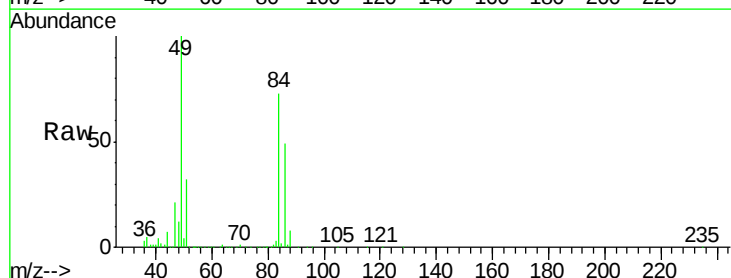
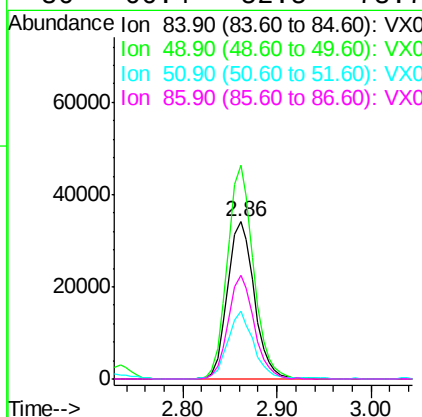
Manual Integrations
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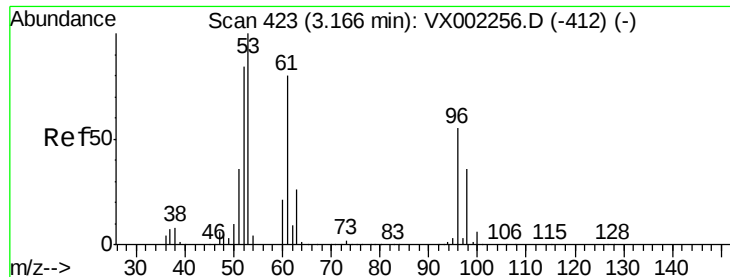
MMDadoda
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#20
Methylene Chloride
Concen: 20.931 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002263.D
Acq: 04 Jun 2018 16:34

Tgt Ion	Ratio	Lower	Upper
84	100		
49	136.1	107.8	161.6
51	42.7	32.8	49.2
86	66.4	52.5	78.7





#21

trans-1,2-Dichloroethene

Concen: 19.143 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002263.D

Acq: 04 Jun 2018 16:34

Instrument :

MSVOA_X

ClientSampleId :

VX0604WBSD01

Tot Ion: 96 Resp: 59815

Ion Ratio Lower Upper

96 100

61 144.5 117.0 175.4

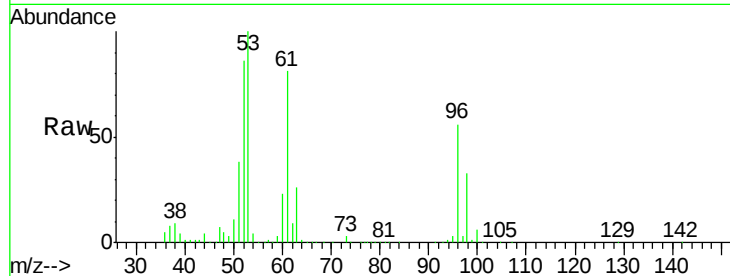
98 58.1 52.4 78.6

Manual Integrations

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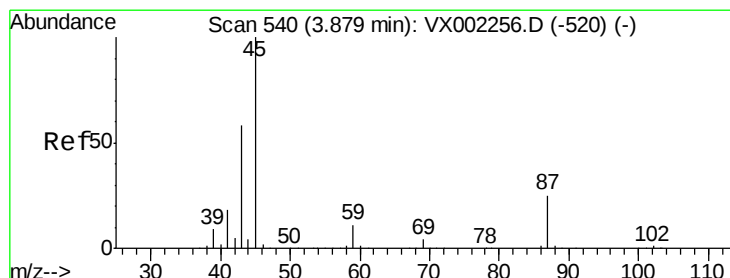
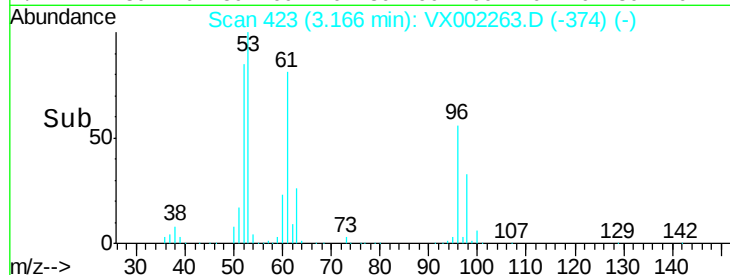
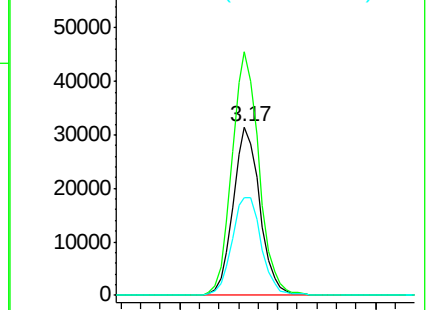


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 20.041 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX002263.D

Acq: 04 Jun 2018 16:34

Tgt Ion: 45 Resp: 215033

Ion Ratio Lower Upper

45 100

43 61.2 46.8 70.2

87 25.2 20.2 30.4

59 10.6 8.7 13.1

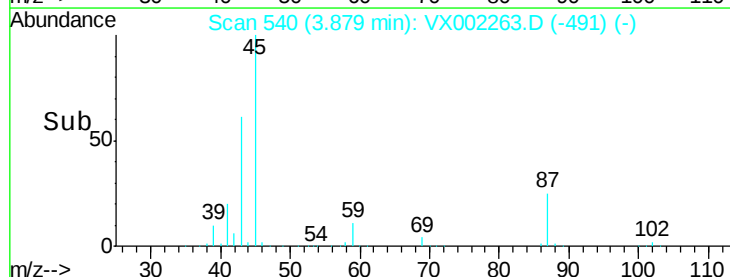
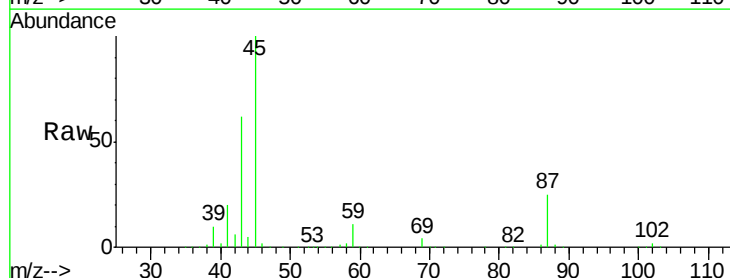
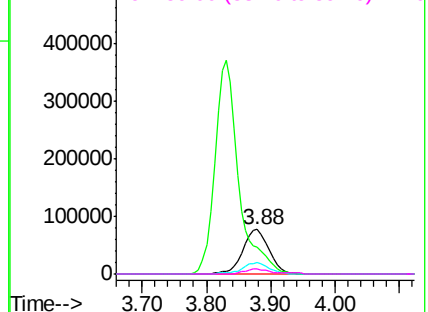
Abundance

Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 95.805 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX002263.D

Acq: 04 Jun 2018 16:34

Instrument :

MSVOA_X

ClientSampled :

VX0604WBSD01

Tot Ion: 43 Resp: 955028

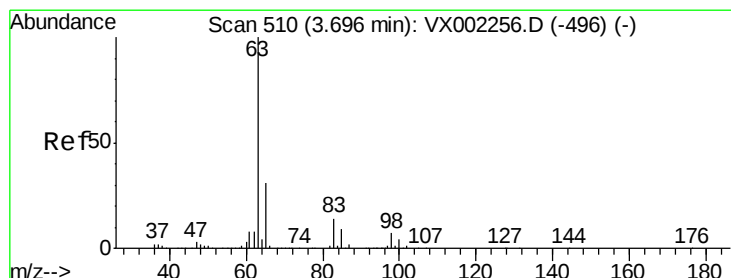
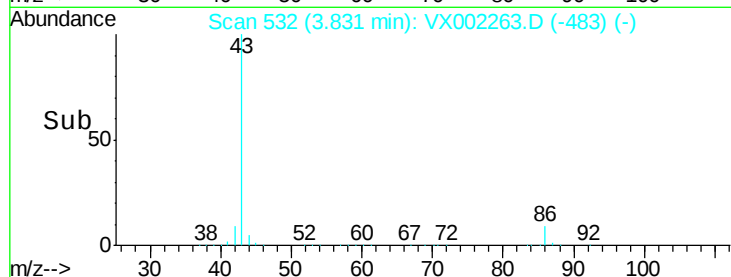
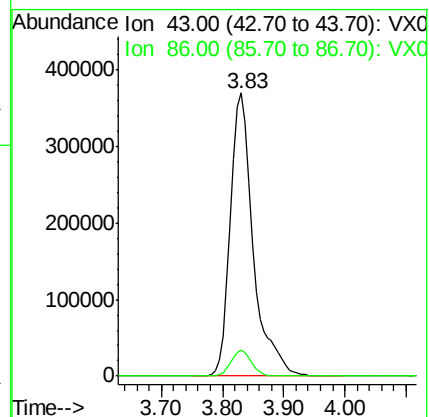
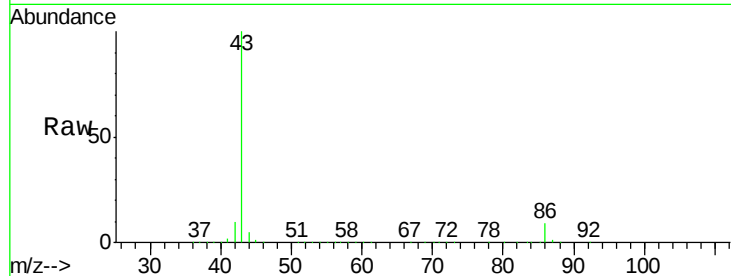
Ion Ratio Lower Upper

43 100

86 9.1 7.4 11.0

Manual Integrations
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#24

1,1-Dichloroethane

Concen: 19.482 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX002263.D

Acq: 04 Jun 2018 16:34

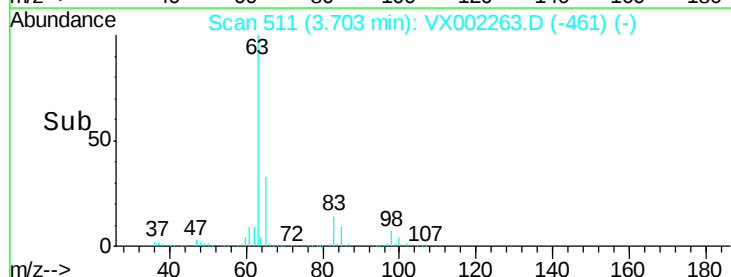
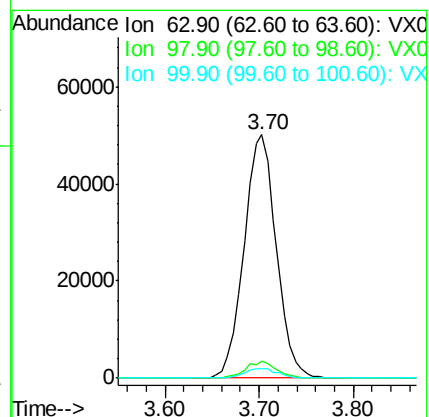
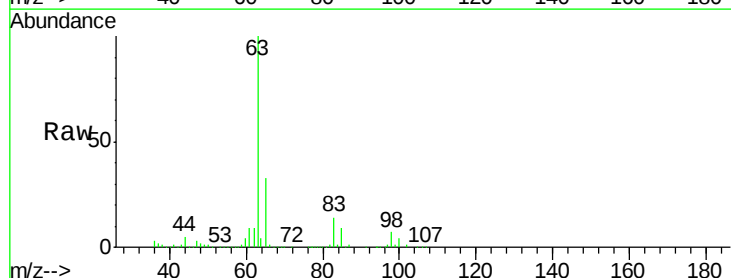
Tgt Ion: 63 Resp: 118406

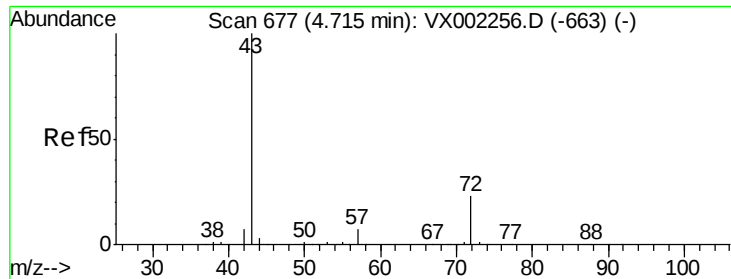
Ion Ratio Lower Upper

63 100

98 6.9 3.4 10.2

100 4.1 2.0 6.0





#25

2-Butanone

Concen: 101.473 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX002263.D

Acq: 04 Jun 2018 16:34

Instrument :

MSVOA_X

ClientSampleId :

VX0604WBSD01

Tot Ion: 43 Resp: 264818

Ion Ratio Lower Upper

43 100

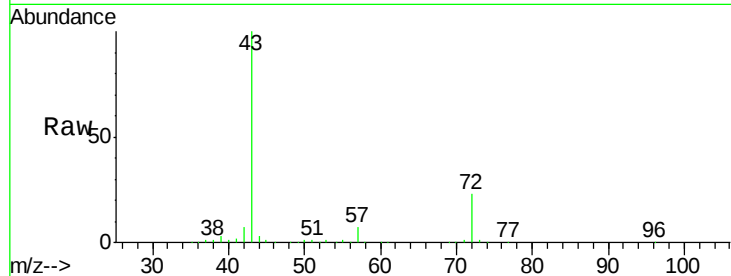
72 23.0 18.5 27.7

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

100000

80000

60000

40000

20000

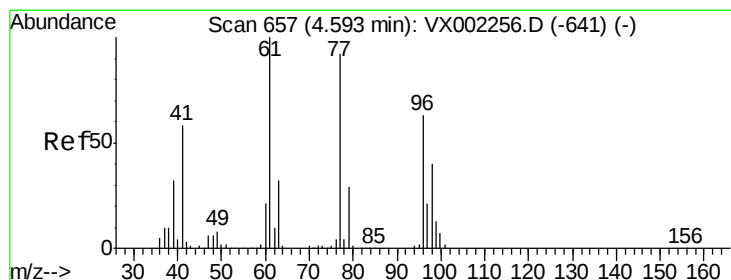
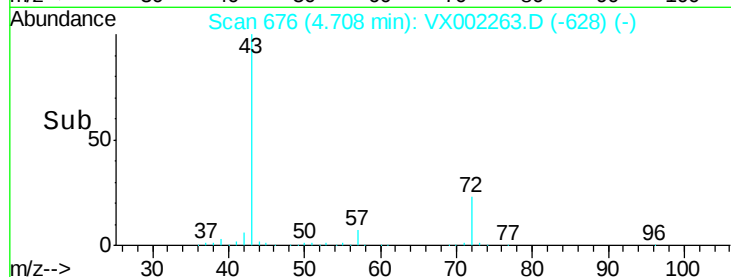
0

4.60

4.70

4.80

Time-->



#26

2,2-Dichloropropane

Concen: 18.053 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX002263.D

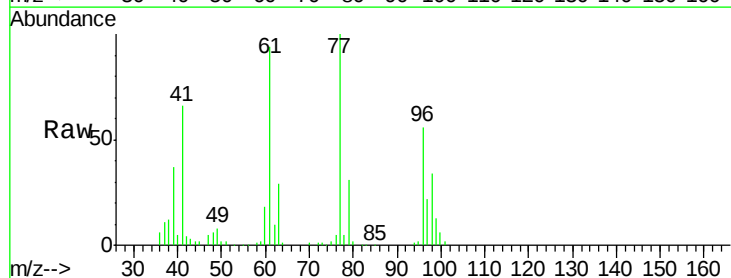
Acq: 04 Jun 2018 16:34

Tgt Ion: 77 Resp: 85765

Ion Ratio Lower Upper

77 100

97 22.1 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

30000

25000

20000

15000

10000

5000

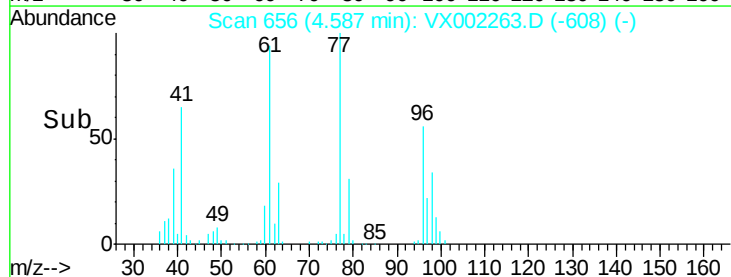
0

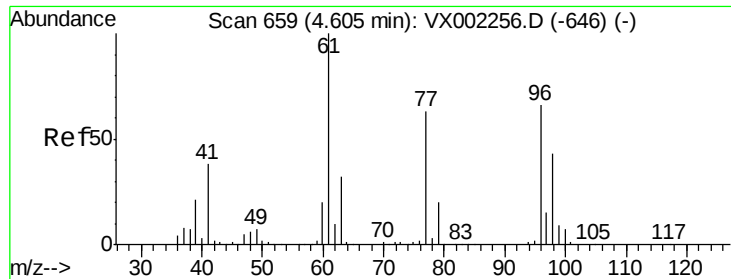
4.50

4.60

4.70

Time-->





#27

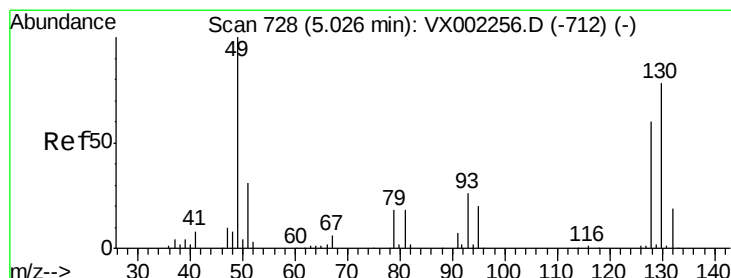
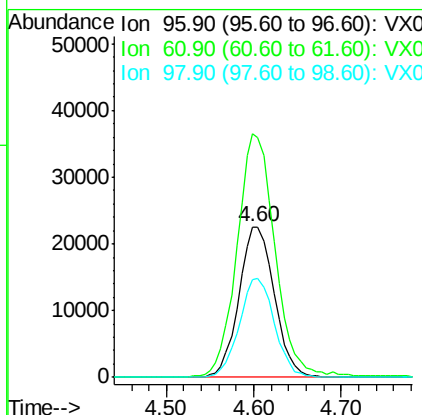
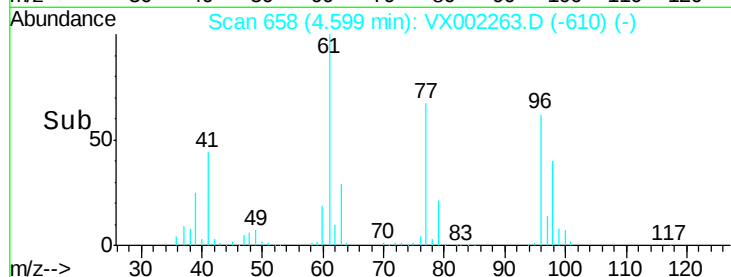
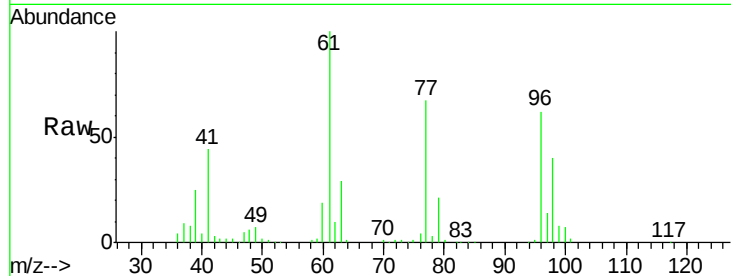
cis-1,2-Dichloroethene
Concen: 18.693 ug/l
RT: 4.60 min Scan# 658
Delta R.T. -0.01 min
Lab File: VX002263.D
Acq: 04 Jun 2018 16:34

Instrument :
MSVOA_X
ClientSampleId :
VX0604WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	174.8	0.0	330.2
98	65.3	0.0	130.2

Manual Integrations
APPROVED

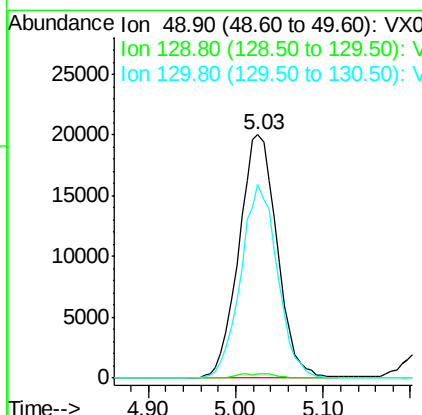
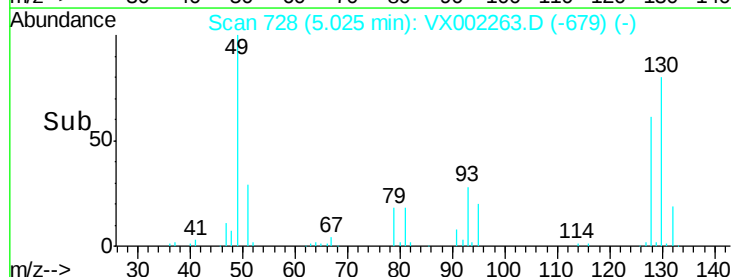
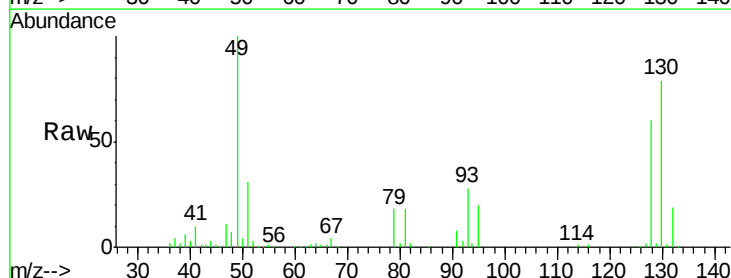
MMDadoda
6/5/2018 5:56:06 PM

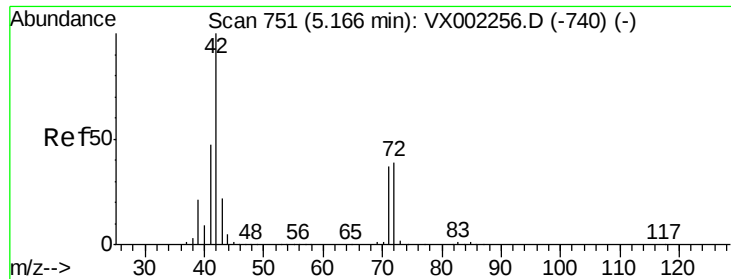


#28

Bromochloromethane
Concen: 21.497 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.00 min
Lab File: VX002263.D
Acq: 04 Jun 2018 16:34

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.9	0.0	4.2
130	76.3	61.2	91.8





#29

Tetrahydrofuran

Concen: 101.441 ug/l

RT: 5.17 min Scan# 751

Delta R.T. -0.00 min

Lab File: VX002263.D

Acq: 04 Jun 2018 16:34

Instrument :

MSVOA_X

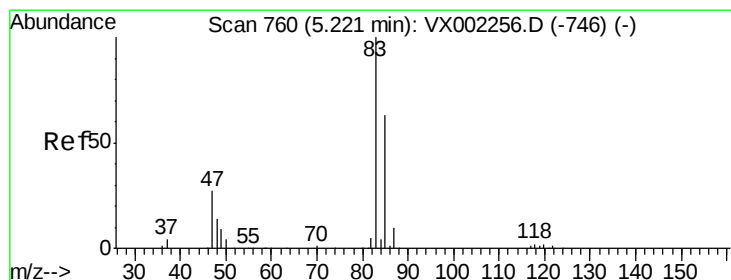
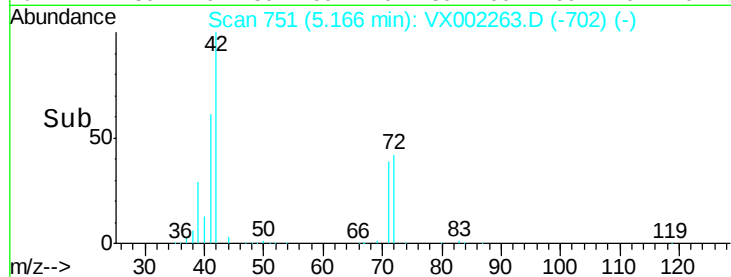
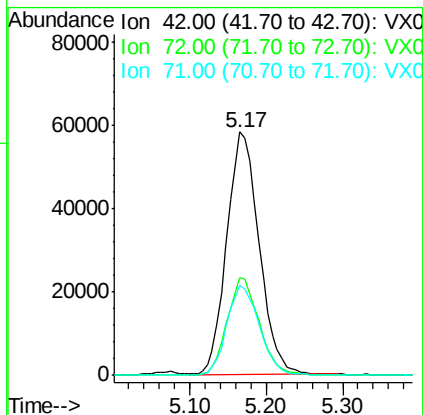
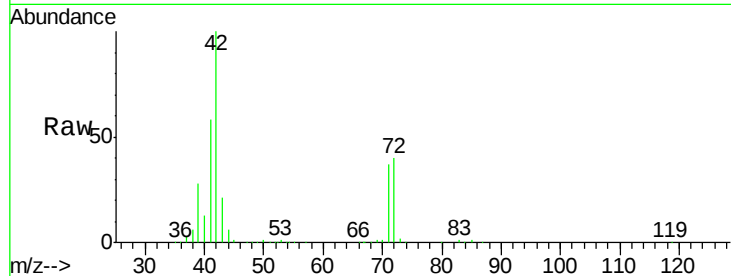
ClientSampleId :

VX0604WBSD01

Tot Ion:	42	Resp:	170686
Ion	Ratio	Lower	Upper
42	100		
72	40.0	32.0	48.0
71	37.4	30.1	45.1

Manual Integrations
APPROVED

MMDadoda
6/5/2018 5:56:06 PM



#30

Chloroform

Concen: 19.096 ug/l

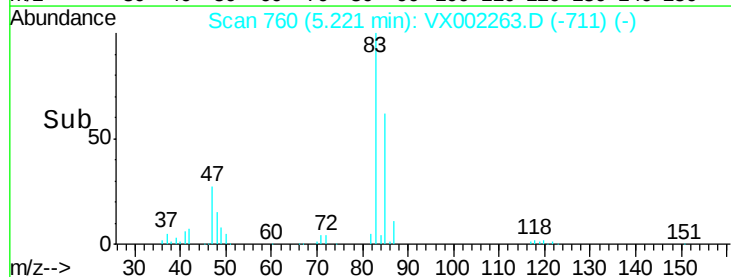
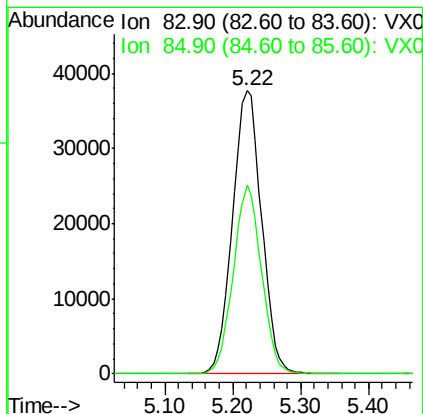
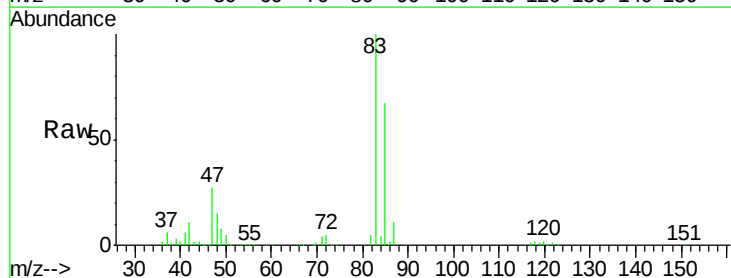
RT: 5.22 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX002263.D

Acq: 04 Jun 2018 16:34

Tgt Ion:	83	Resp:	111988
Ion	Ratio	Lower	Upper
83	100		
85	66.8	50.4	75.6





#31

Cyclohexane

Concen: 20.452 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX002263.D

Acq: 04 Jun 2018 16:34

Instrument :

MSVOA_X

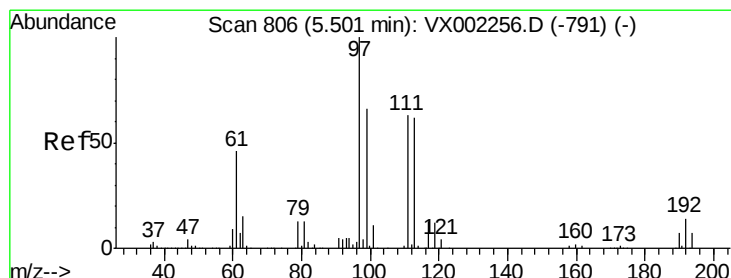
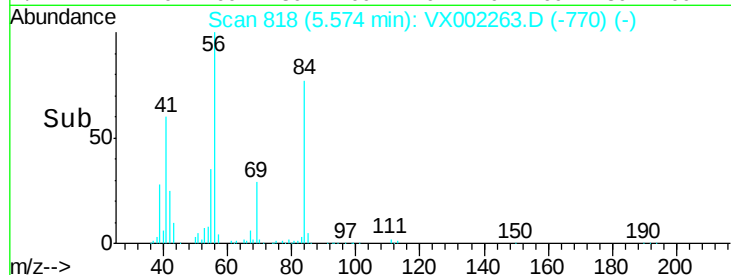
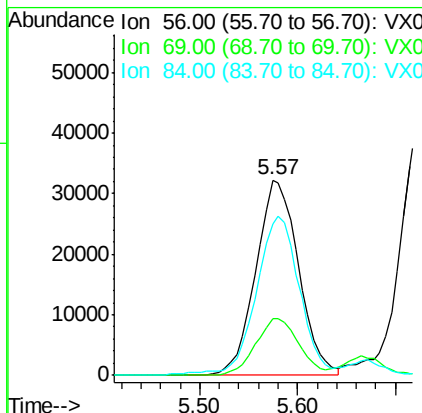
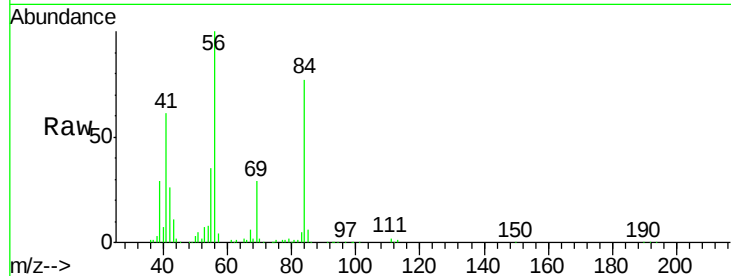
ClientSampleId :

VX0604WBSD01

Tot Ion:	56	Resp:	98288
Ion Ratio	Lower	Upper	
56	100		
69	29.0	23.7	35.5
84	75.6	64.1	96.1

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 19.216 ug/l

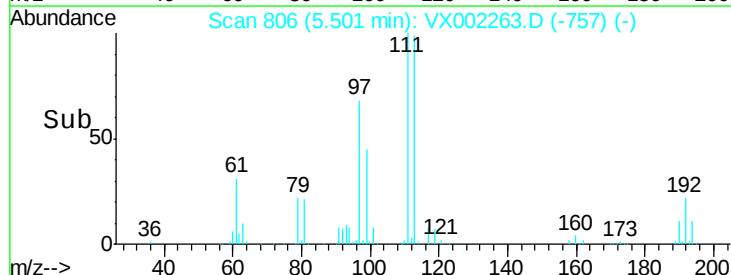
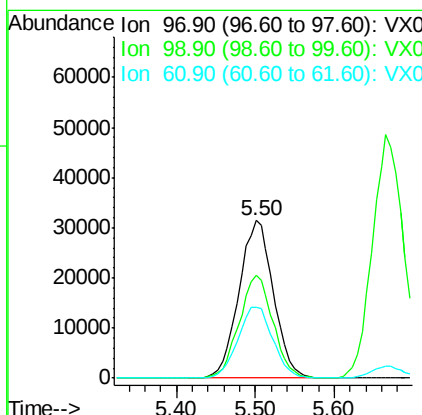
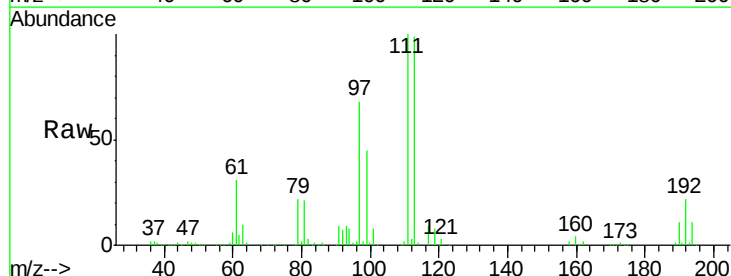
RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX002263.D

Acq: 04 Jun 2018 16:34

Tgt Ion:	97	Resp:	95573
Ion Ratio	Lower	Upper	
97	100		
99	63.9	51.6	77.4
61	46.1	36.4	54.6





#33

1,2-Dichloroethane-d4

Concen: 50.045 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002263.D

Acq: 04 Jun 2018 16:34

Instrument :

MSVOA_X

ClientSampleId :

VX0604WBSD01

Tot Ion: 65 Resp: 190467

Ion Ratio Lower Upper

65 100

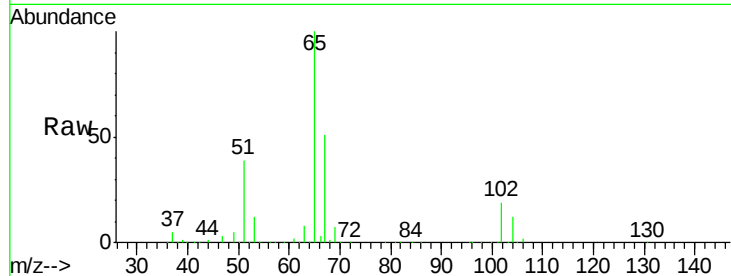
67 52.1 0.0 102.6

Manual Integrations

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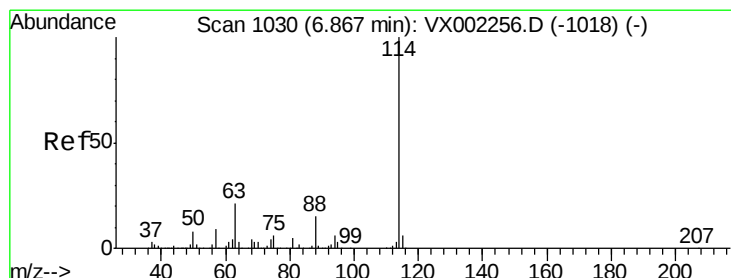
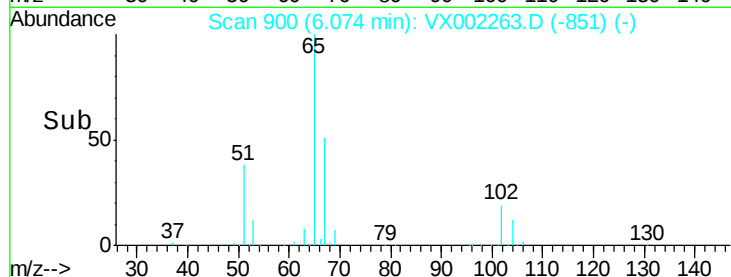
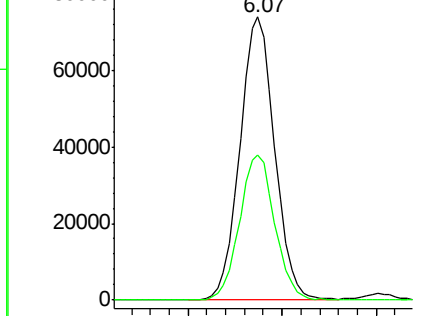
MMDadoda

6/5/2018 5:56:06 PM



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: VX002263.D

Acq: 04 Jun 2018 16:34

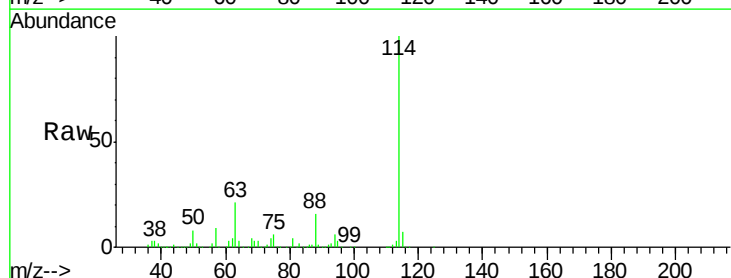
Tgt Ion: 114 Resp: 385457

Ion Ratio Lower Upper

114 100

63 20.9 0.0 41.4

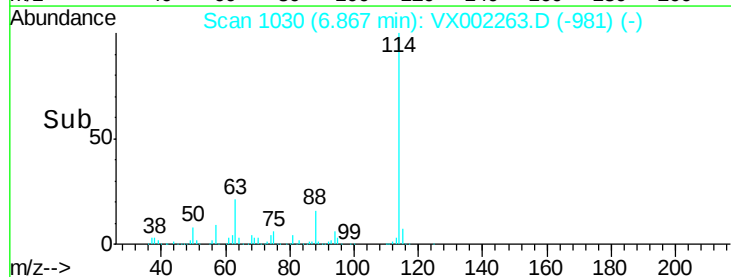
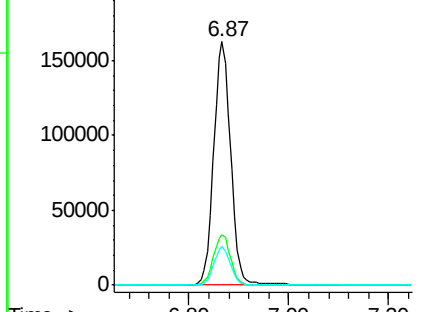
88 16.0 0.0 30.0

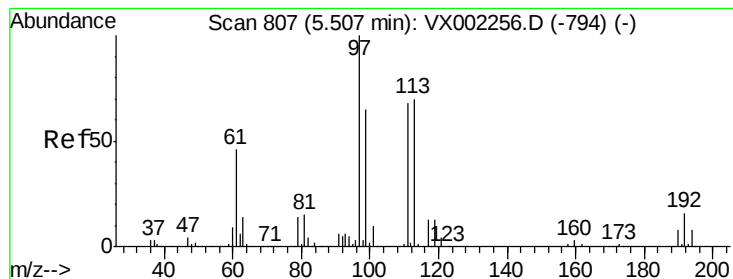


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 46.137 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002263.D

Acq: 04 Jun 2018 16:34

Instrument :

MSVOA_X

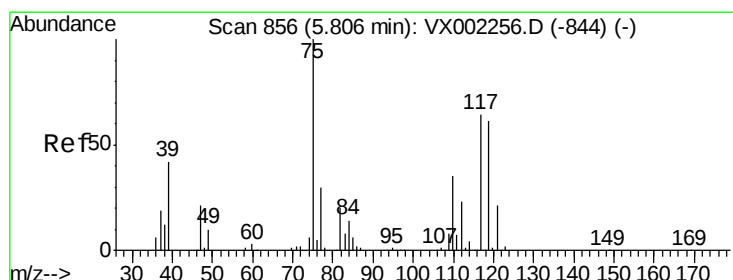
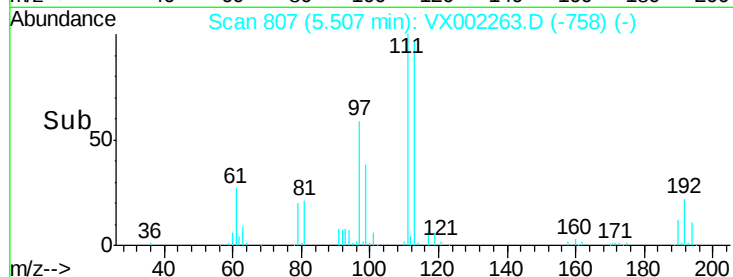
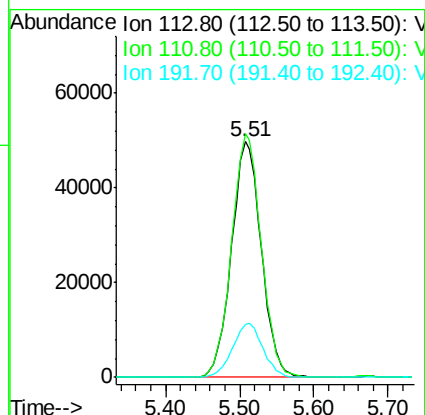
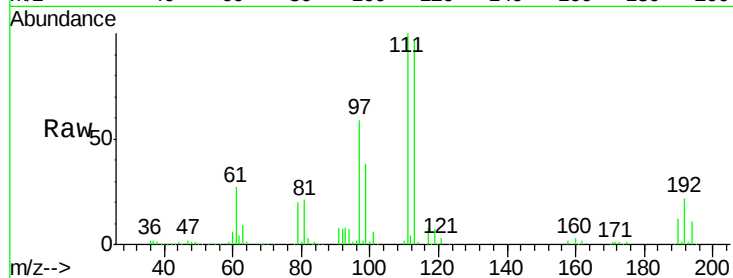
ClientSampled :

VX0604WBSD01

Tot Ion:	113	Resp:	139854
Ion Ratio	Lower	Upper	
113	100		
111	102.5	81.4	122.0
192	23.2	19.1	28.7

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 19.313 ug/l

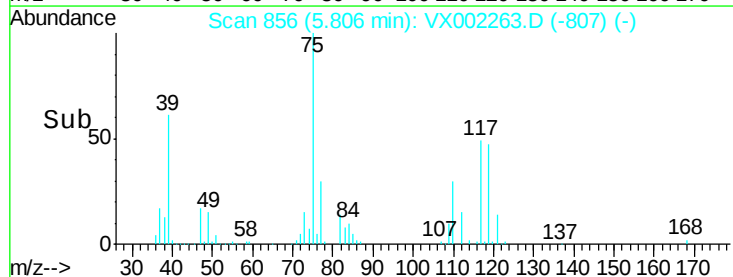
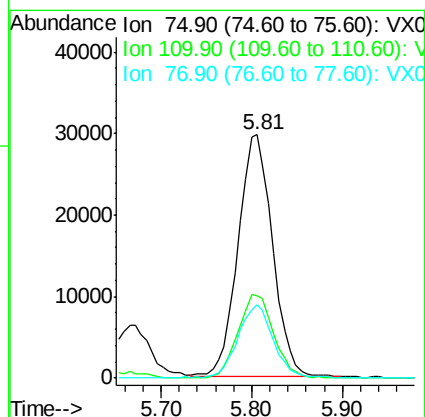
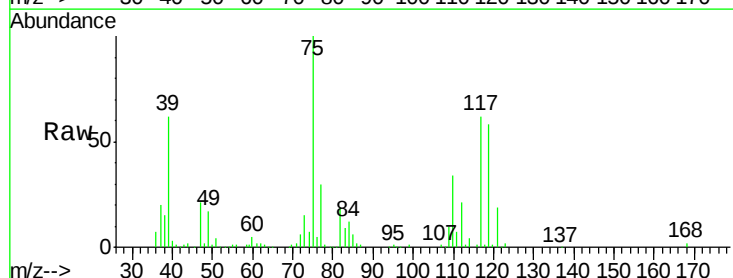
RT: 5.81 min Scan# 856

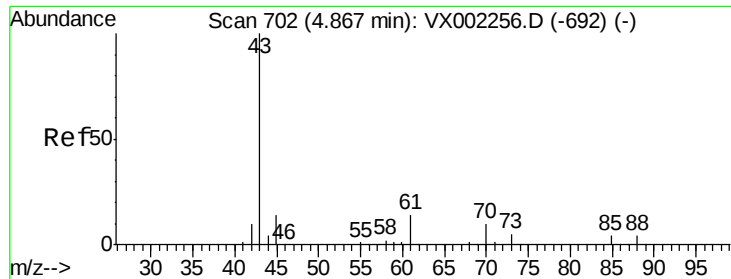
Delta R.T. -0.00 min

Lab File: VX002263.D

Acq: 04 Jun 2018 16:34

Tgt Ion:	75	Resp:	78263
Ion Ratio	Lower	Upper	
75	100		
110	35.8	18.1	54.4
77	31.3	24.3	36.5





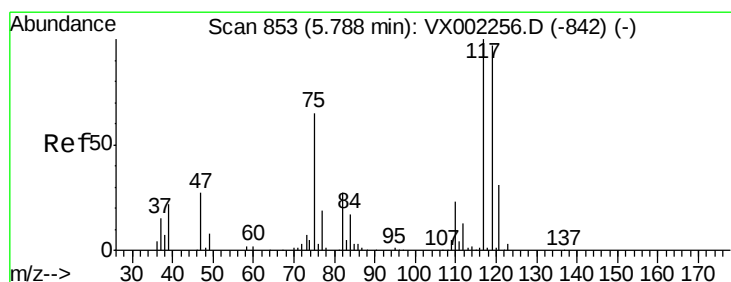
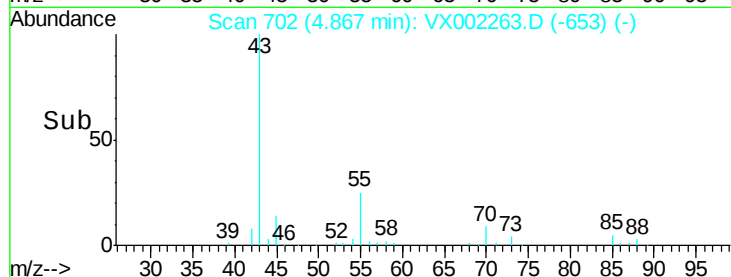
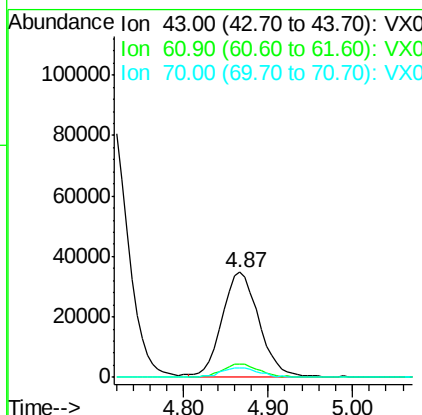
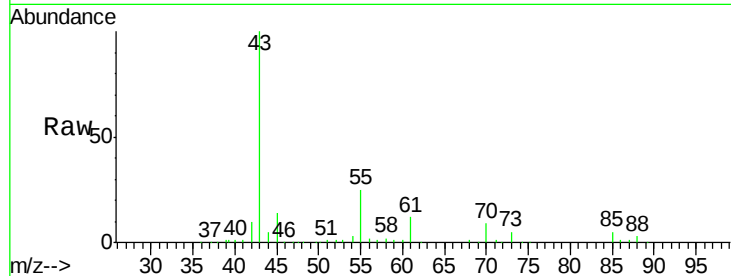
#37
Ethyl Acetate
Concen: 20.934 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.00 min
Lab File: VX002263.D
Acq: 04 Jun 2018 16:34

Instrument :
MSVOA_X
ClientSampleID :
VX0604WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.4	15.6
70	9.6	7.6	11.4

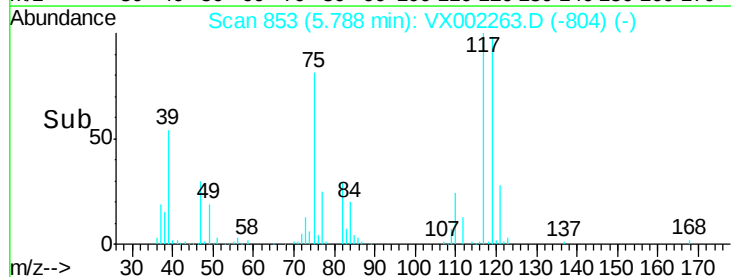
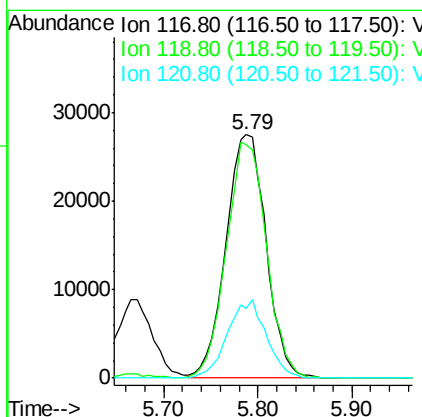
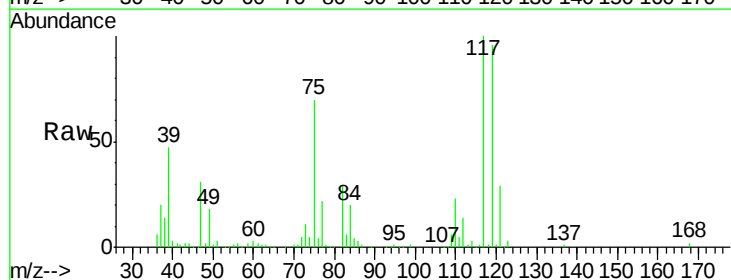
Manual Integrations
APPROVED

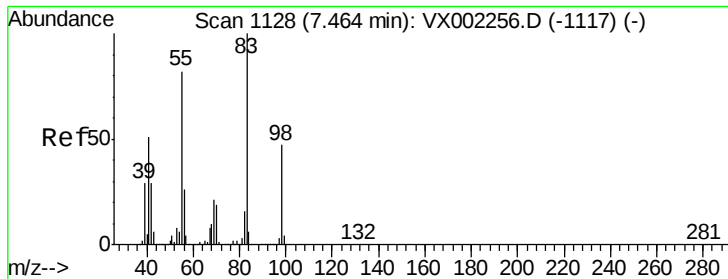
MMDadoda
6/5/2018 5:56:06 PM



#38
Carbon Tetrachloride
Concen: 19.347 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX002263.D
Acq: 04 Jun 2018 16:34

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.9	77.4	116.0
121	28.6	24.4	36.6





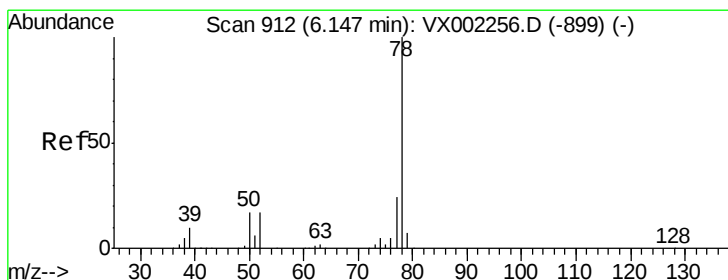
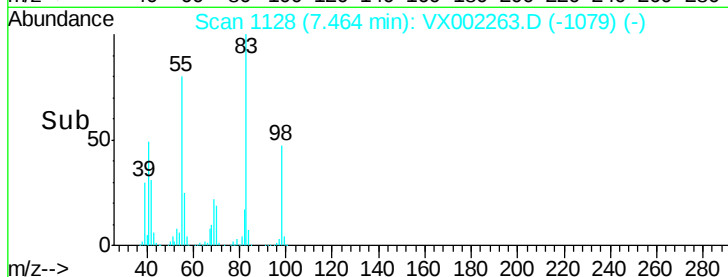
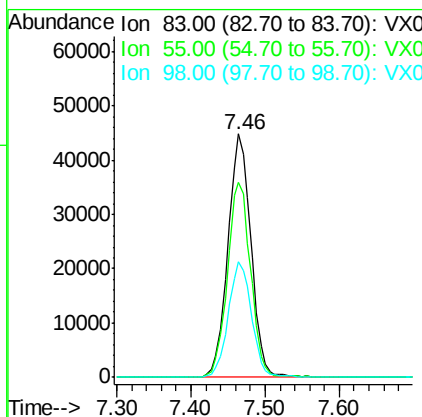
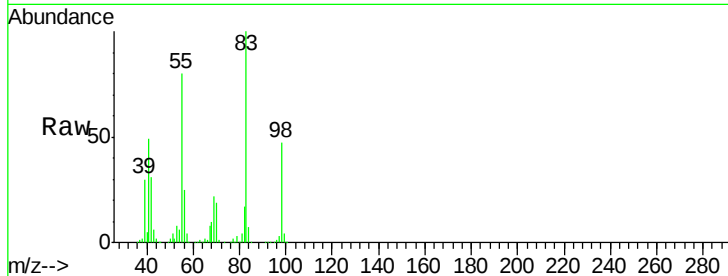
#39
Methvlcvclohexane
Concen: 19.550 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002263.D
Acq: 04 Jun 2018 16:34

Instrument :
MSVOA_X
ClientSampleId :
VX0604WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.3	65.4	98.0
98	47.3	37.4	56.0

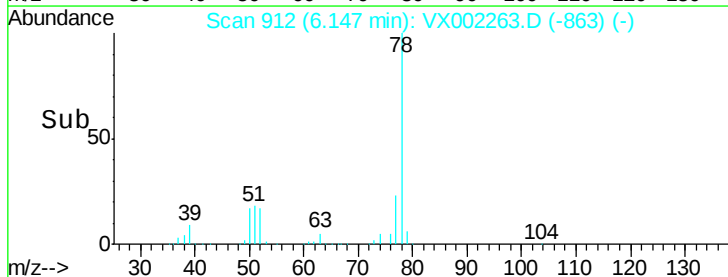
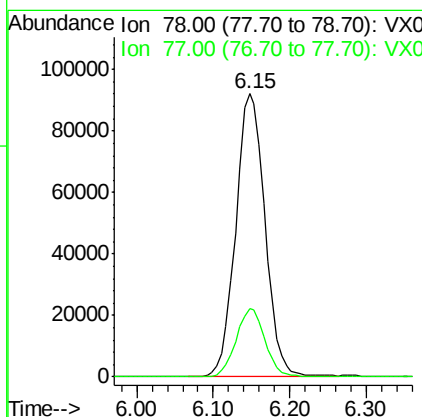
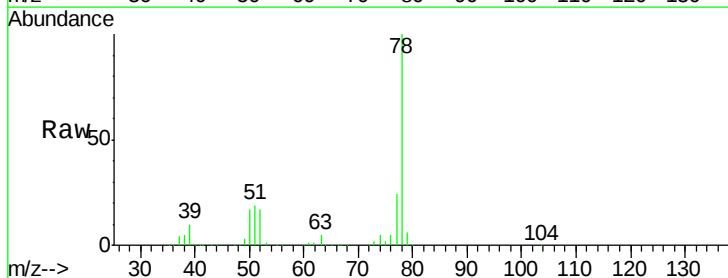
Manual Integrations
APPROVED

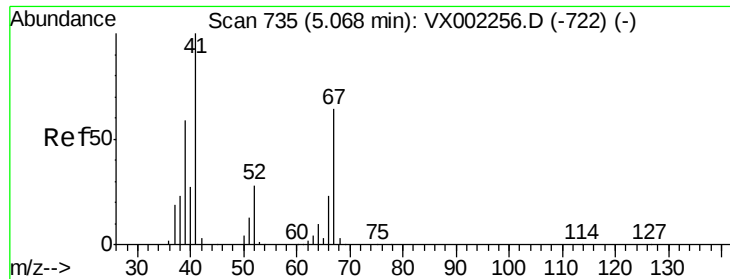
MMDadoda
6/5/2018 5:56:06 PM



#40
Benzene
Concen: 19.661 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002263.D
Acq: 04 Jun 2018 16:34

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.1	28.7





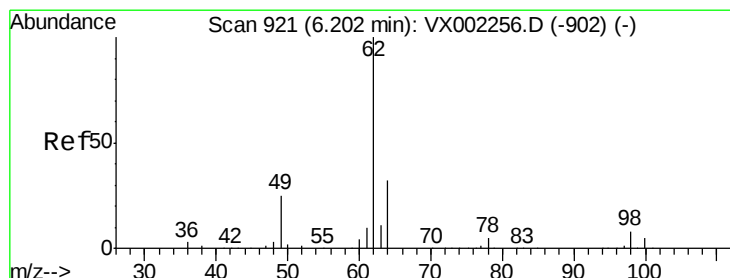
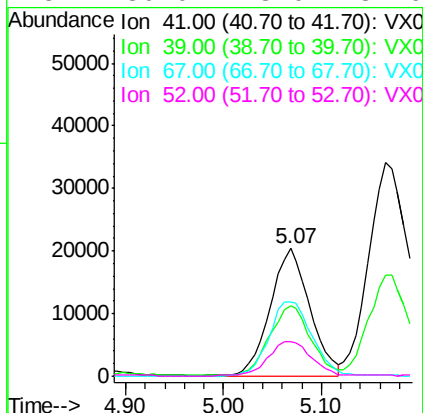
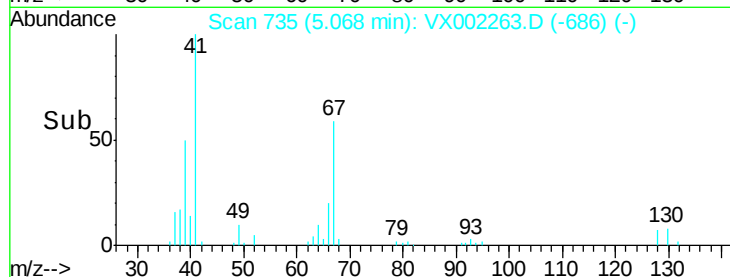
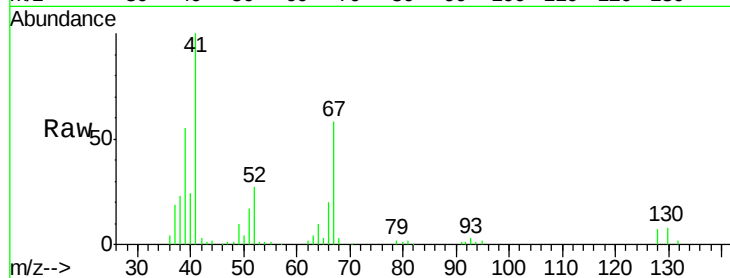
#41
Methacrylonitrile
Concen: 20.628 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX002263.D
Acq: 04 Jun 2018 16:34

Instrument :
MSVOA_X
ClientSampleId :
VX0604WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.6	45.8	68.6	
67	63.9	51.3	76.9	
52	30.0	23.0	34.6	

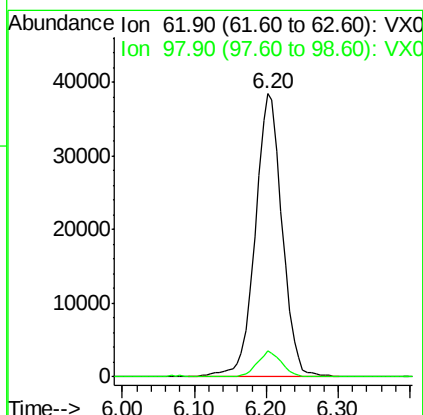
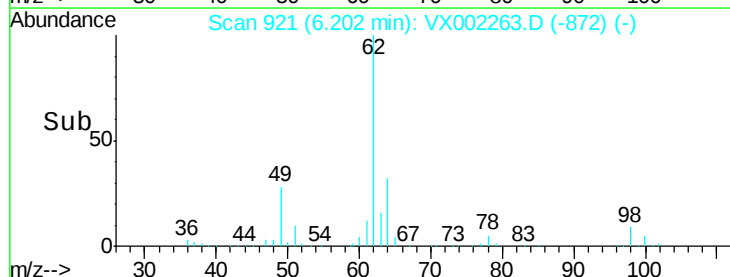
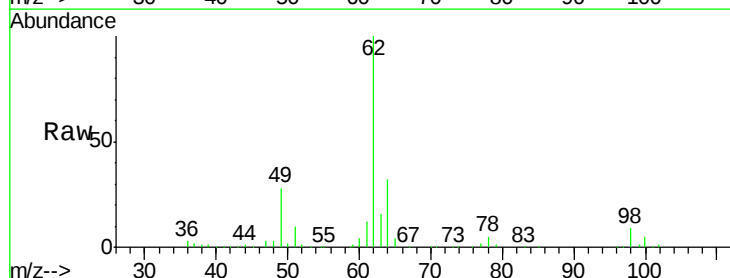
Manual Integrations
APPROVED

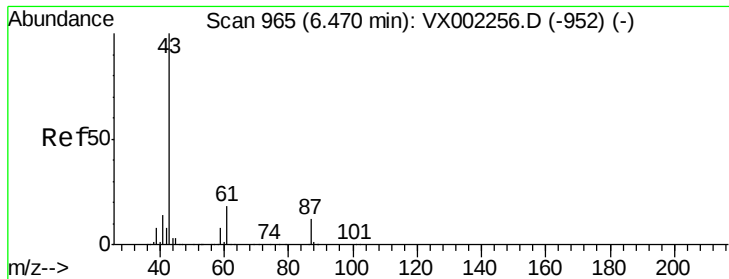
MMDadoda
6/5/2018 5:56:06 PM



#42
1,2-Dichloroethane
Concen: 20.242 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002263.D
Acq: 04 Jun 2018 16:34

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.2	0.0	16.6	





#43

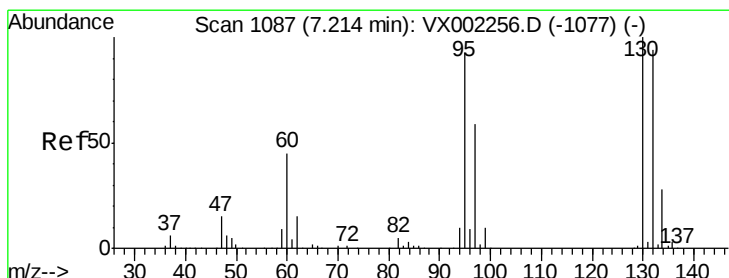
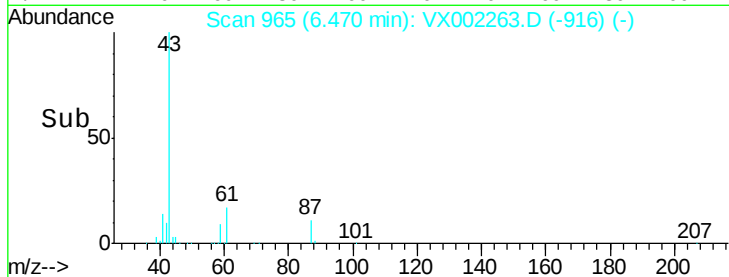
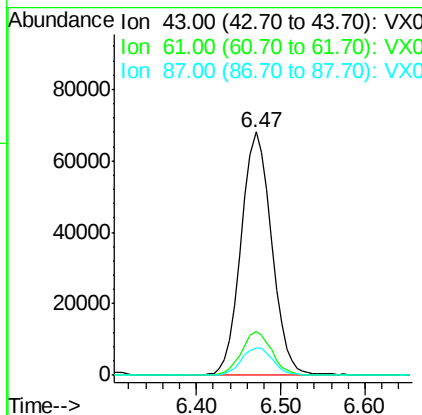
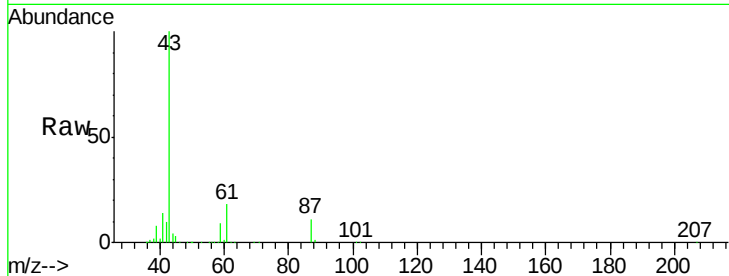
Isopropyl Acetate
 Concen: 20.084 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: VX002263.D
 Acq: 04 Jun 2018 16:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0604WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.1	14.4	21.6
87	11.7	9.5	14.3

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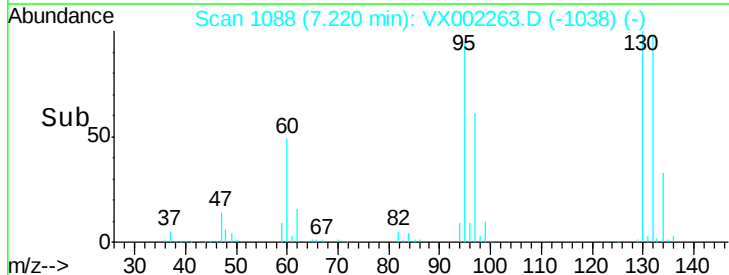
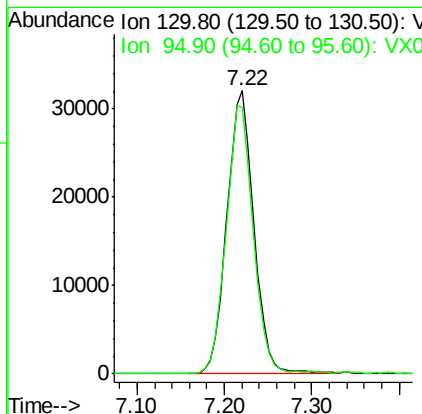
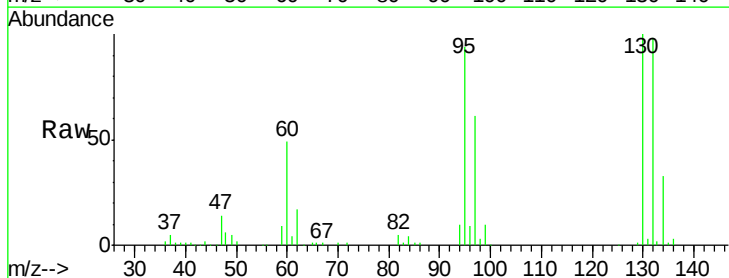
MMDadoda
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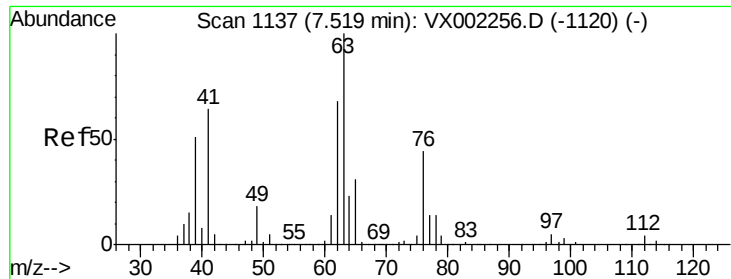


#44

Trichloroethene
 Concen: 19.998 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.01 min
 Lab File: VX002263.D
 Acq: 04 Jun 2018 16:34

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.4	0.0	185.4





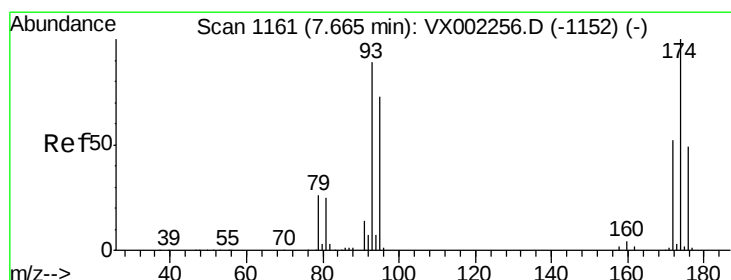
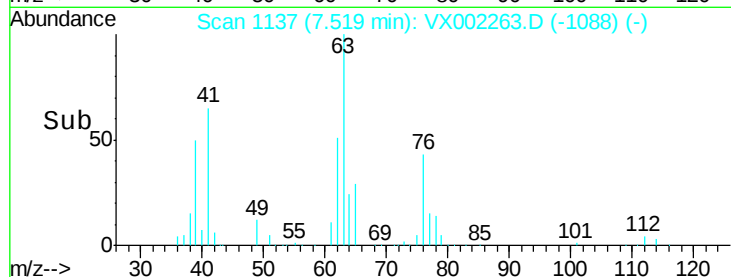
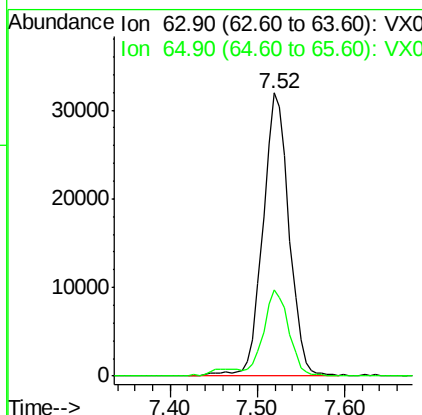
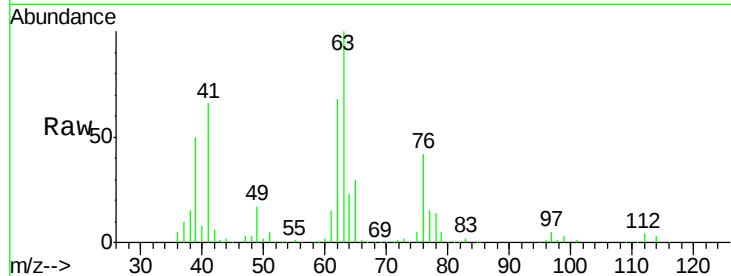
#45
 1,2-Dichloropropane
 Concen: 19.862 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX002263.D
 Acq: 04 Jun 2018 16:34

Instrument :
 MSVOA_X
 ClientSampled :
 VX0604WBSD01

Tot Ion: 63 Resp: 66623
 Ion Ratio Lower Upper
 63 100
 65 30.0 24.7 37.1

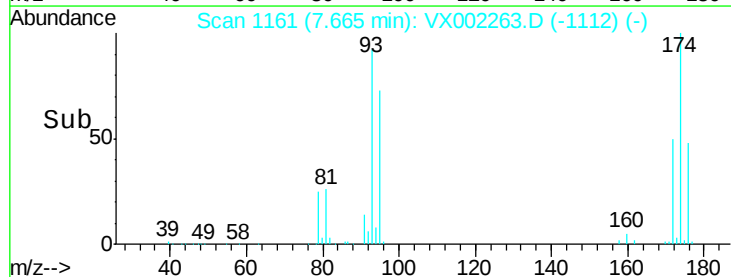
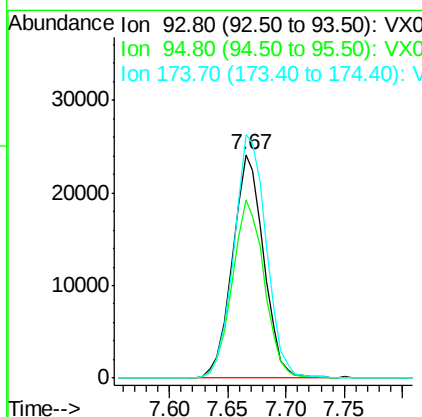
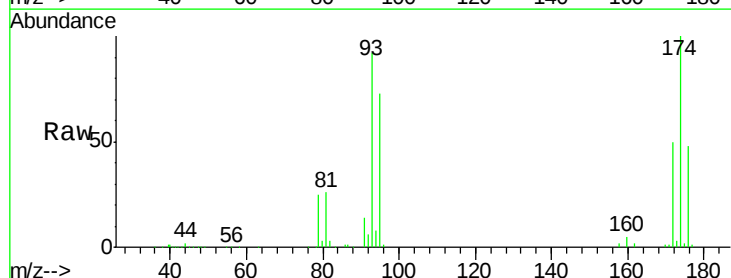
Manual Integrations
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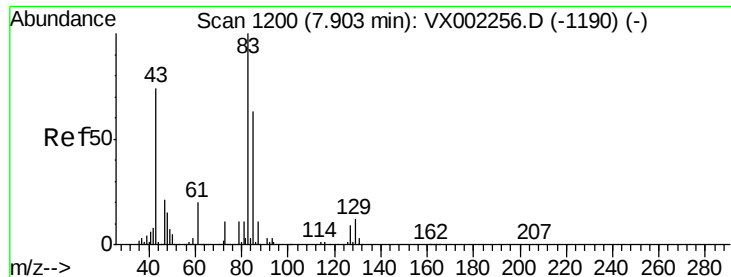
MMDadoda
 6/5/2018 5:56:06 PM



#46
 Dibromomethane
 Concen: 19.831 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX002263.D
 Acq: 04 Jun 2018 16:34

Tgt Ion: 93 Resp: 45093
 Ion Ratio Lower Upper
 93 100
 95 82.2 65.9 98.9
 174 113.0 92.4 138.6





#47

Bromodichloromethane

Concen: 19.026 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002263.D

Acq: 04 Jun 2018 16:34

Instrument :

MSVOA_X

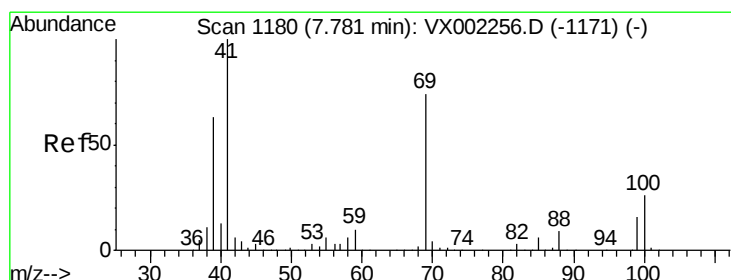
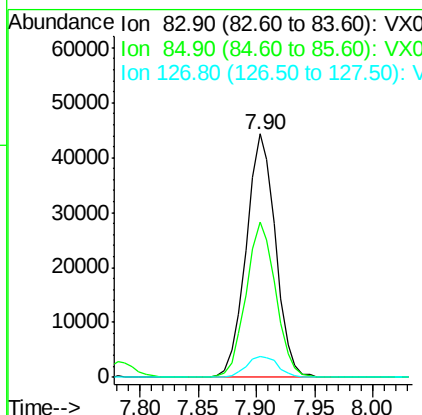
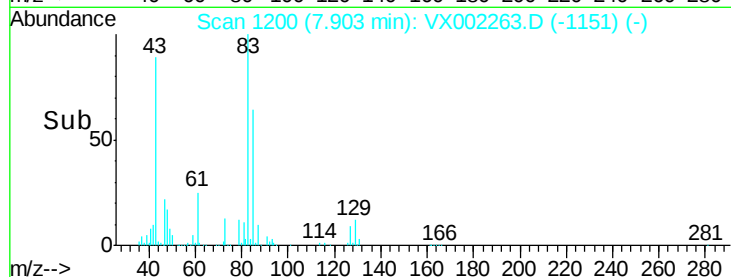
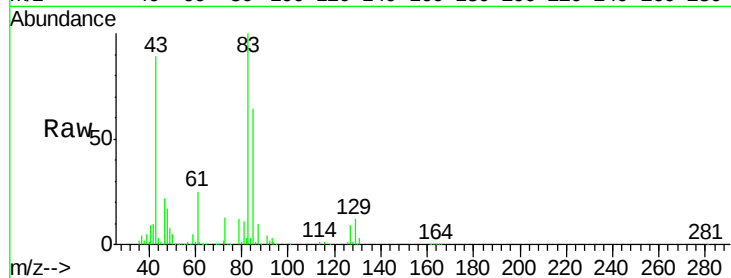
ClientSampleId :

VX0604WBSD01

Tot Ion:	83	Resp:	78246
Ion	Ratio	Lower	Upper
83	100		
85	63.9	50.3	75.5
127	8.7	7.0	10.4

Manual Integrations
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6/5/2018 5:56:06 PM



#48

Methyl methacrylate

Concen: 20.665 ug/l

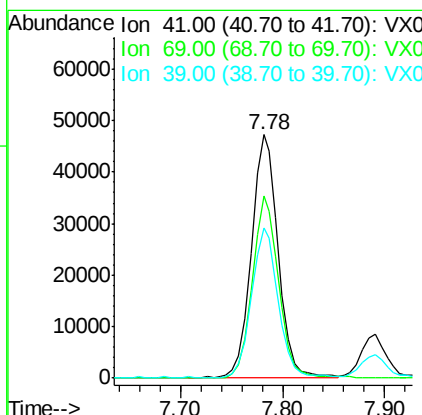
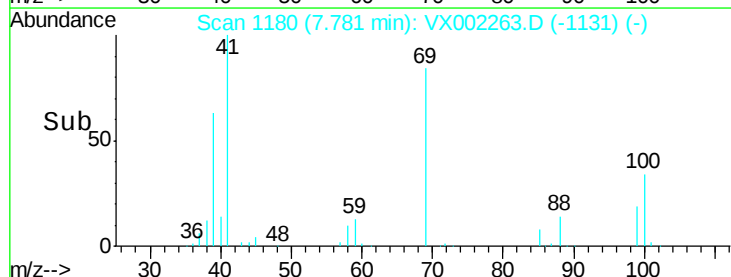
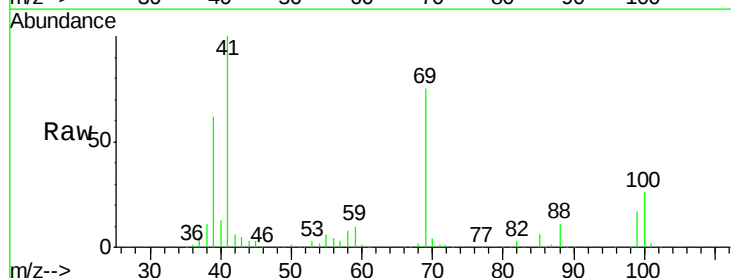
RT: 7.78 min Scan# 1180

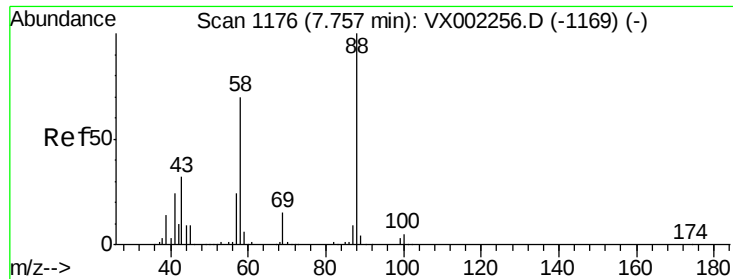
Delta R.T. -0.00 min

Lab File: VX002263.D

Acq: 04 Jun 2018 16:34

Tgt Ion:	41	Resp:	85919
Ion	Ratio	Lower	Upper
41	100		
69	74.4	59.1	88.7
39	61.5	48.9	73.3





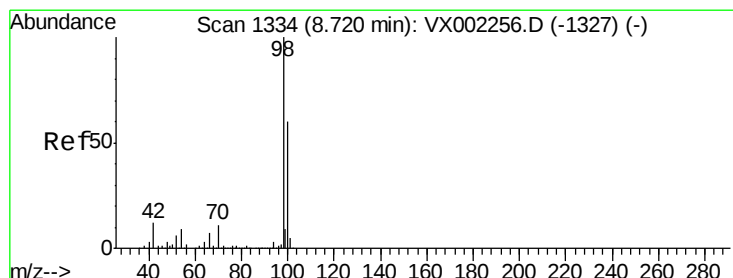
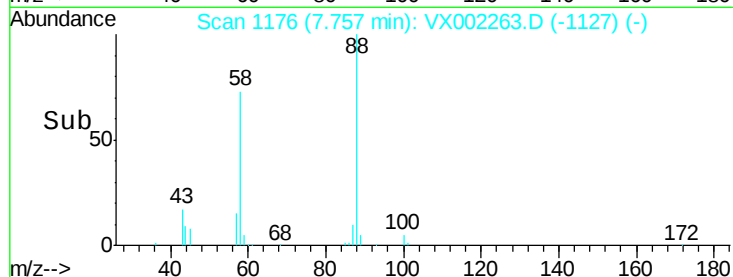
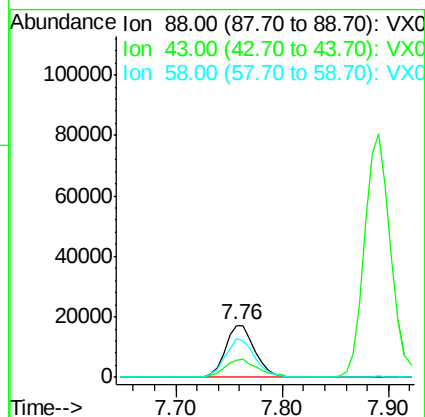
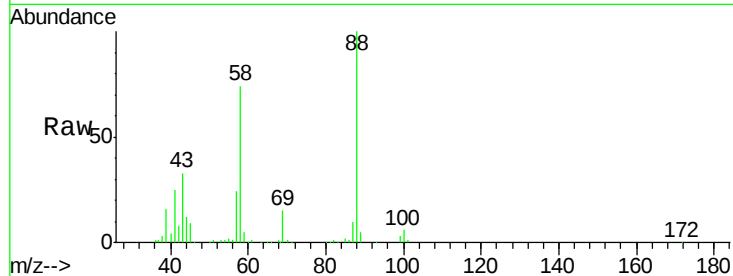
#49
1,4-Dioxane
Concen: 431.653 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VX002263.D
Acq: 04 Jun 2018 16:34

Instrument :
MSVOA_X
ClientSampleId :
VX0604WBSD01

Tot Ion	88	Resp	33557
Ion Ratio	Lower	Upper	
88	100		
43	37.2	29.8	44.6
58	74.8	57.1	85.7

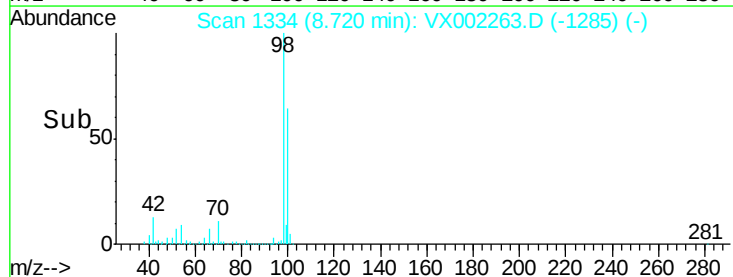
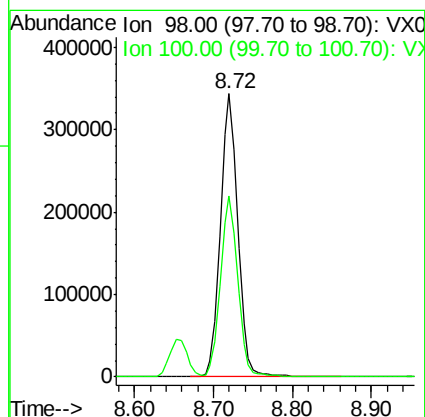
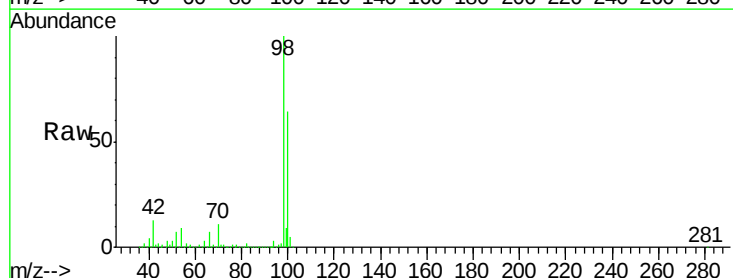
Manual Integrations
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#50
Toluene-d8
Concen: 45.689 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002263.D
Acq: 04 Jun 2018 16:34

Tgt Ion	98	Resp	530848
Ion Ratio	Lower	Upper	
98	100		
100	63.5	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 106.252 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002263.D

Acq: 04 Jun 2018 16:34

Instrument :

MSVOA_X

ClientSampleId :

VX0604WBSD01

Tot Ion: 43 Resp: 547693

Ion Ratio Lower Upper

43 100

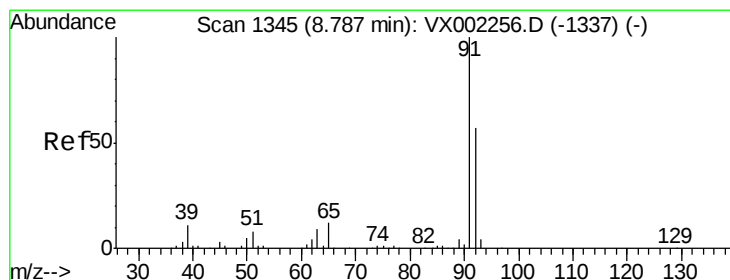
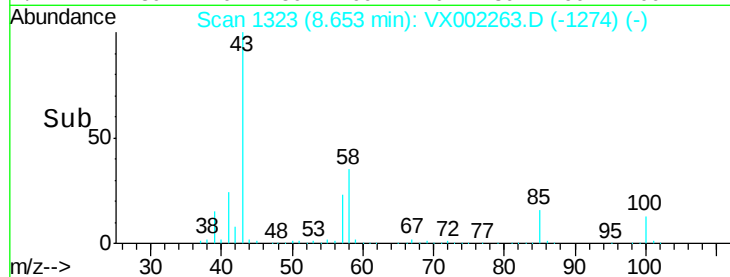
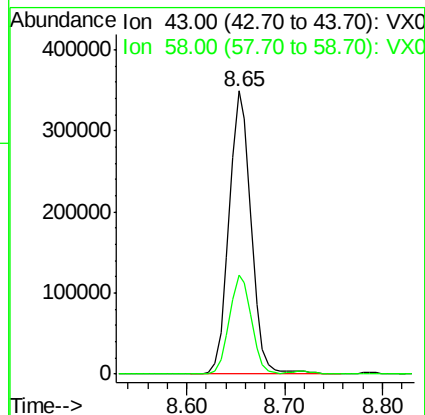
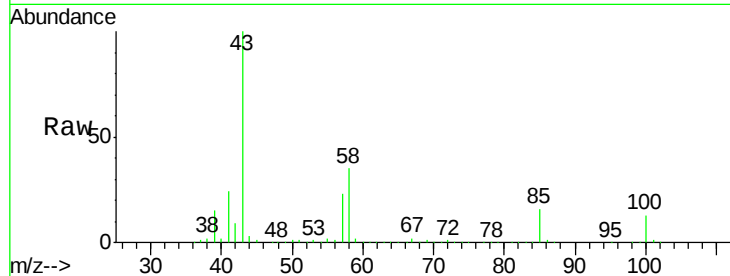
58 35.1 28.6 42.8

Manual Integrations

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#52

Toluene

Concen: 19.689 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002263.D

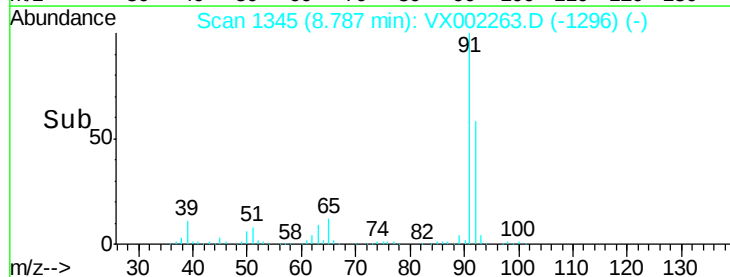
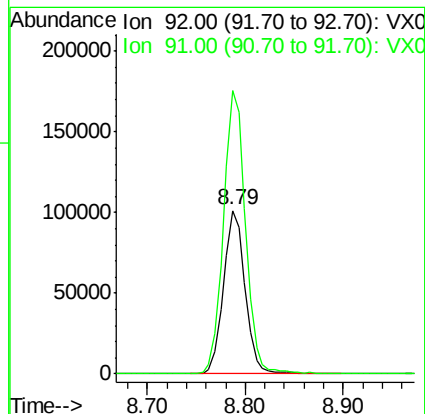
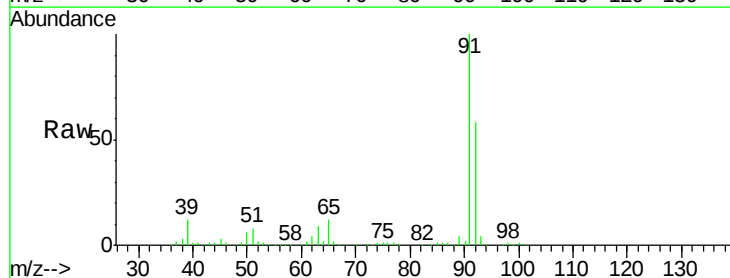
Acq: 04 Jun 2018 16:34

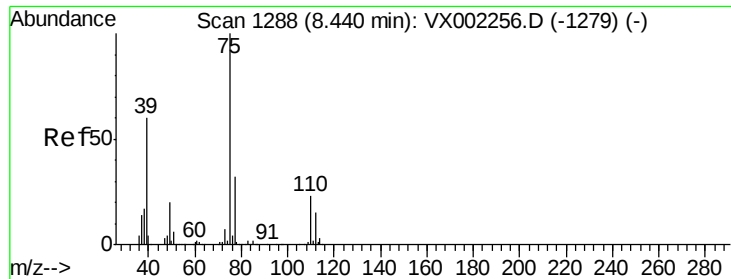
Tgt Ion: 92 Resp: 155593

Ion Ratio Lower Upper

92 100

91 177.2 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 19.499 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX002263.D

Acq: 04 Jun 2018 16:34

Instrument :

MSVOA_X

ClientSampled :

VX0604WBSD01

Tot Ion: 75 Resp: 96164

Ion Ratio Lower Upper

75 100

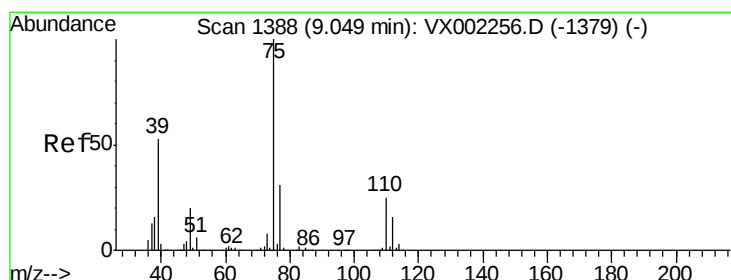
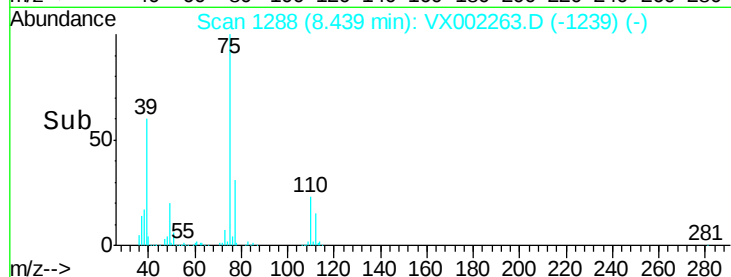
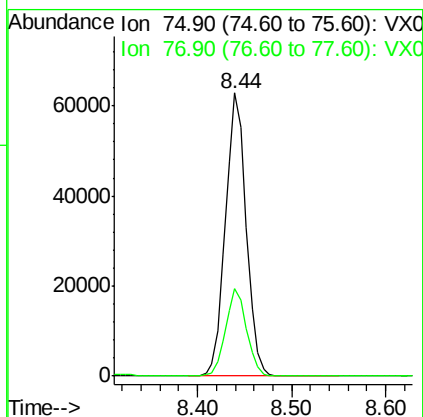
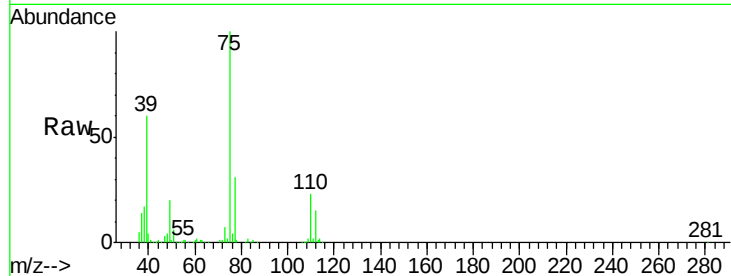
77 30.9 25.4 38.2

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 19.330 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.01 min

Lab File: VX002263.D

Acq: 04 Jun 2018 16:34

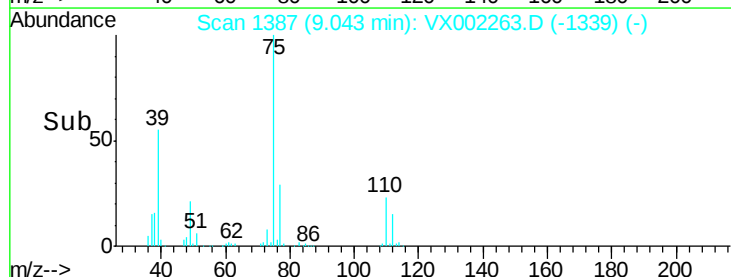
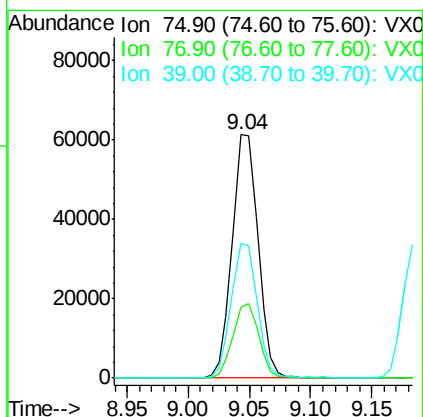
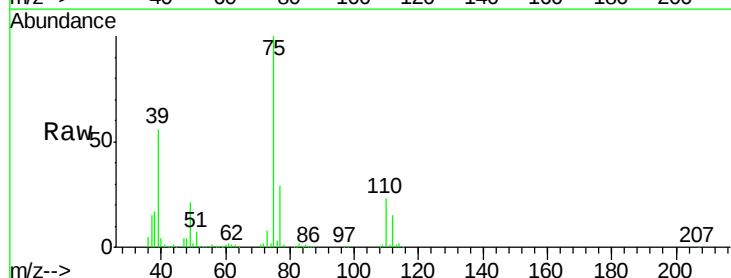
Tgt Ion: 75 Resp: 89939

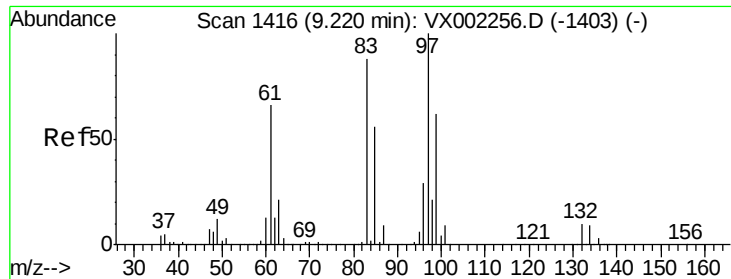
Ion Ratio Lower Upper

75 100

77 29.3 24.8 37.2

39 55.5 42.4 63.6





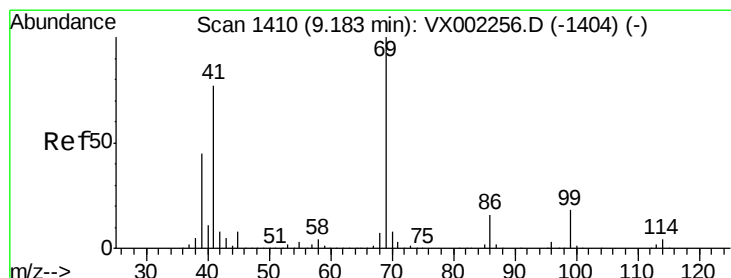
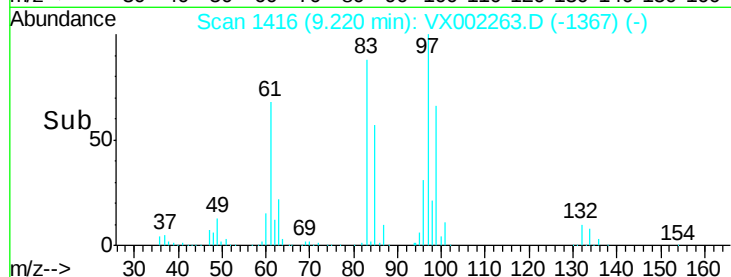
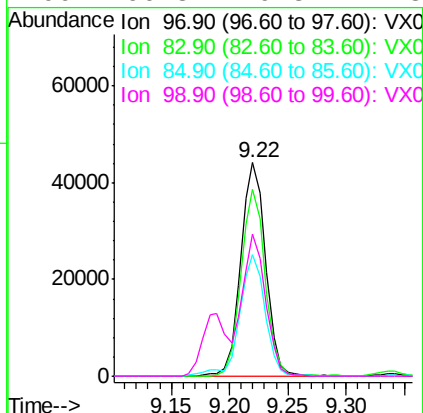
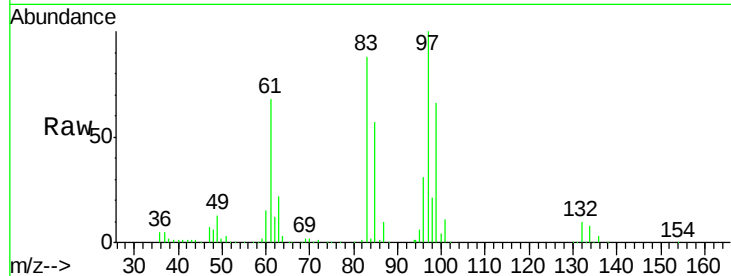
#55
 1,1,2-Trichloroethane
 Concen: 20.317 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002263.D
 Acq: 04 Jun 2018 16:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0604WBSD01

Tot Ion:	97	Resp:	66034
Ion	Ratio	Lower	Upper
97	100		
83	87.7	70.2	105.2
85	56.6	44.9	67.3
99	66.3	49.8	74.8

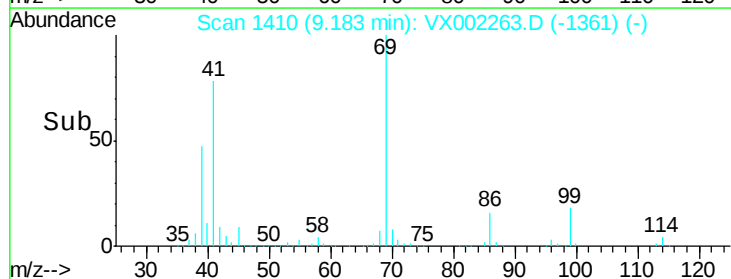
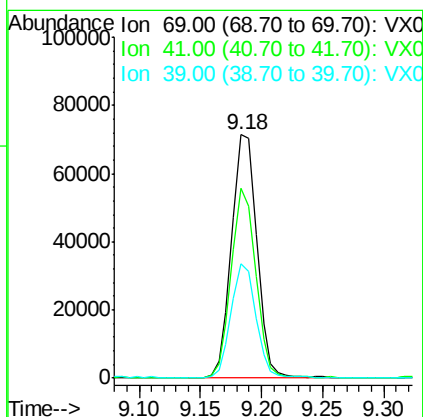
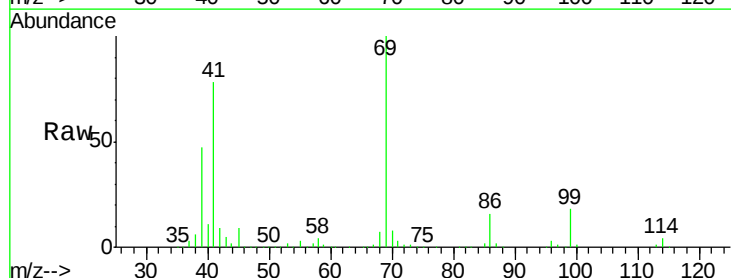
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#56
 Ethyl methacrylate
 Concen: 19.808 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX002263.D
 Acq: 04 Jun 2018 16:34

Tgt Ion:	69	Resp:	102783
Ion	Ratio	Lower	Upper
69	100		
41	75.3	60.3	90.5
39	45.6	35.8	53.8





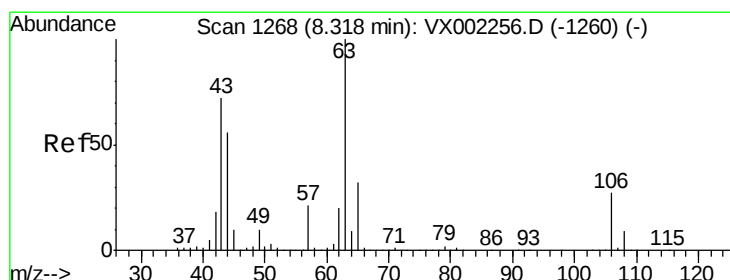
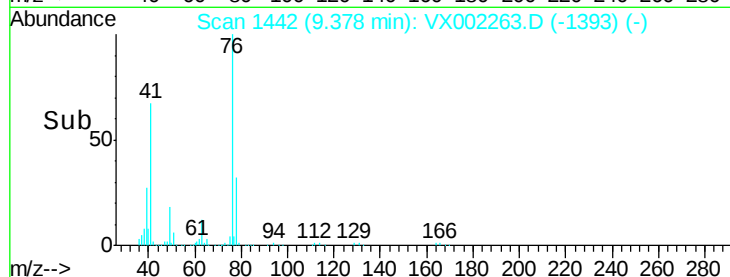
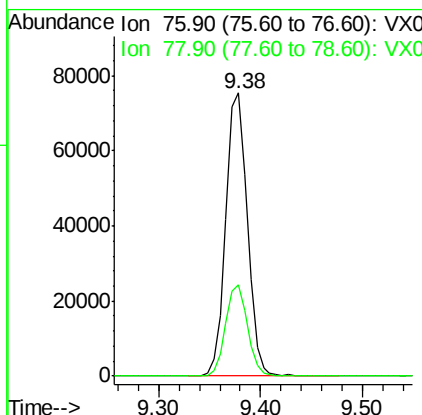
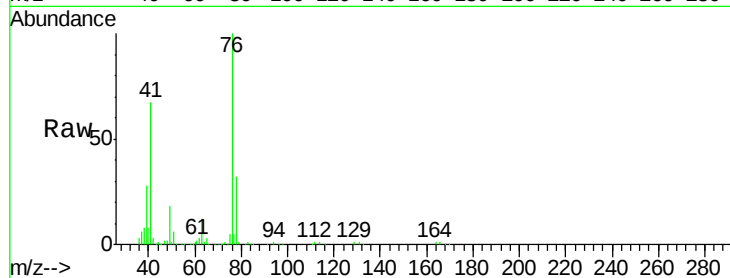
#57
 1,3-Dichloropropane
 Concen: 20.304 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX002263.D
 Acq: 04 Jun 2018 16:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0604WBSD01

Tot Ion: 76 Resp: 110712
 Ion Ratio Lower Upper
 76 100
 78 32.8 25.8 38.6

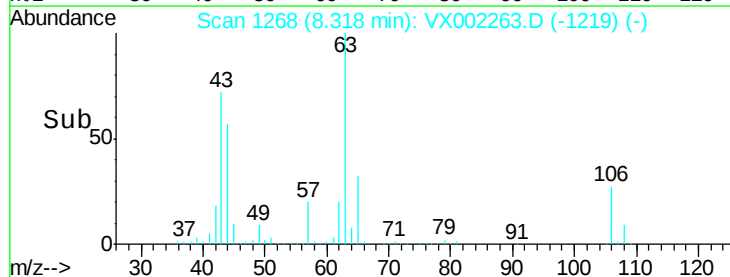
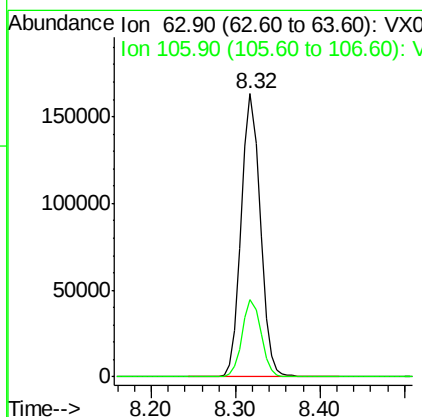
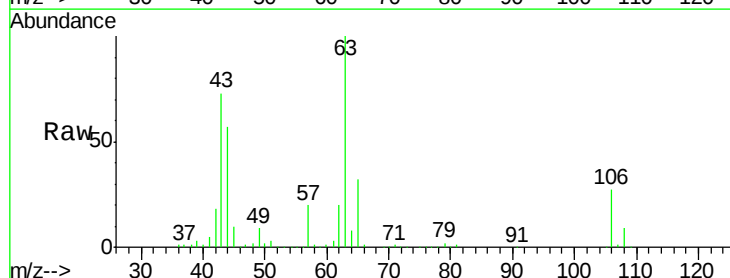
Manual Integrations
 APPROVED

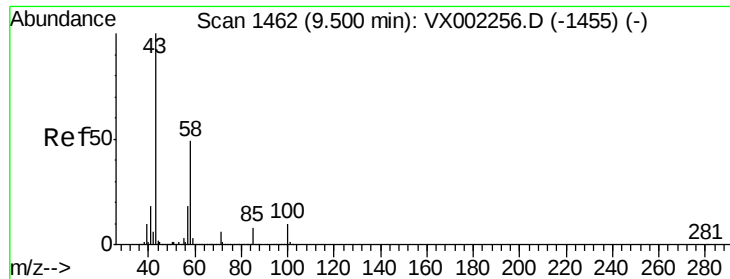
MMDadoda
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#58
 2-Chloroethyl Vinyl ether
 Concen: 103.208 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VX002263.D
 Acq: 04 Jun 2018 16:34

Tgt Ion: 63 Resp: 247872
 Ion Ratio Lower Upper
 63 100
 106 27.1 21.8 32.8





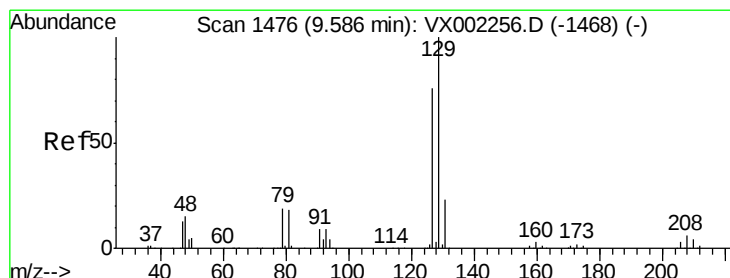
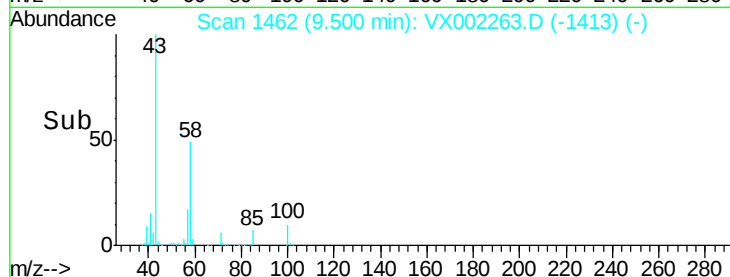
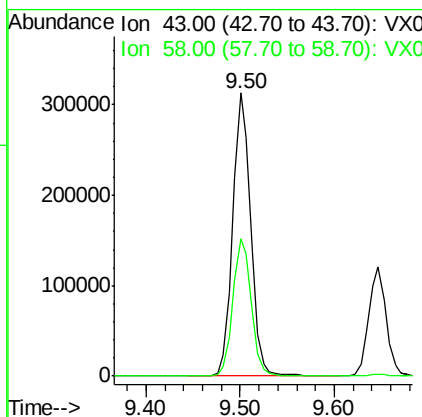
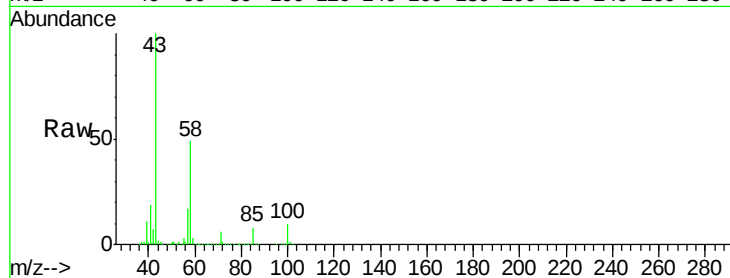
#59
2-Hexanone
Concen: 104.105 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002263.D
Acq: 04 Jun 2018 16:34

Instrument :
MSVOA_X
ClientSampled :
VX0604WBSD01

Tot Ion: 43 Resp: 414494
Ion Ratio Lower Upper
43 100
58 49.4 24.6 73.6

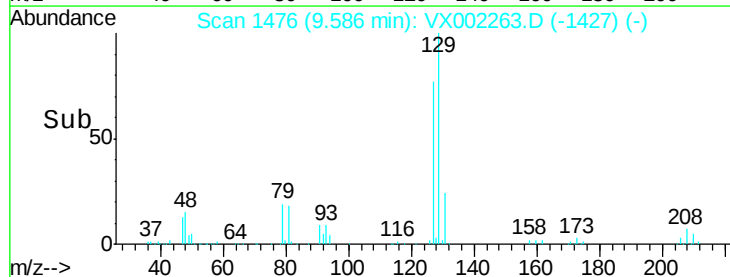
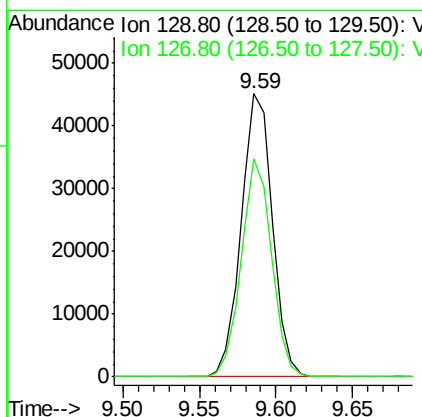
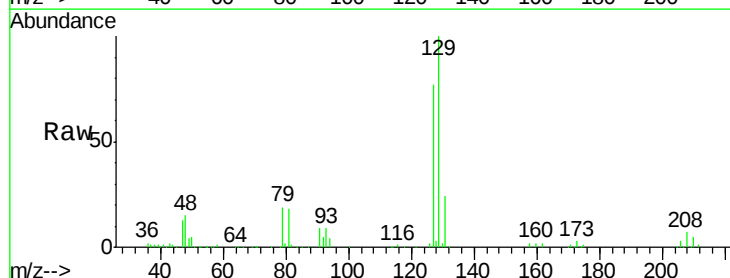
Manual Integrations
APPROVED

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6/5/2018 5:56:06 PM



#60
Dibromochloromethane
Concen: 19.533 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX002263.D
Acq: 04 Jun 2018 16:34

Tgt Ion: 129 Resp: 63858
Ion Ratio Lower Upper
129 100
127 75.0 38.5 115.3





#61

1,2-Dibromoethane

Concen: 20.287 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002263.D

Acq: 04 Jun 2018 16:34

Instrument :

MSVOA_X

ClientSampleId :

VX0604WBSD01

Tot Ion:107 Resp: 68752

Ion Ratio Lower Upper

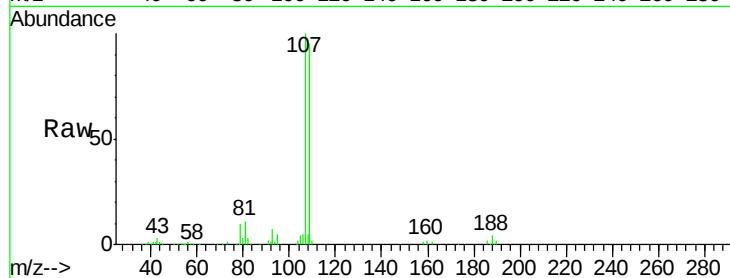
107 100

109 95.0 75.3 112.9

Manual Integrations
APPROVED

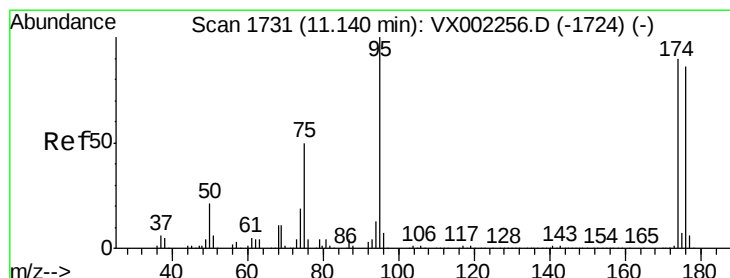
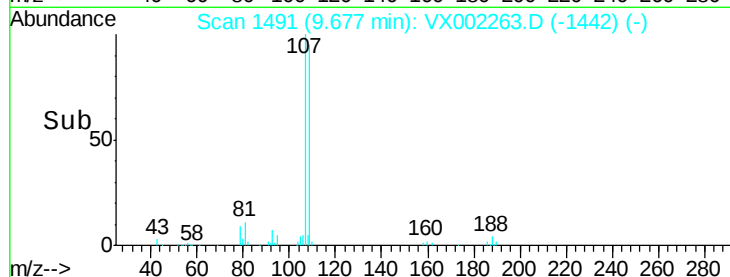
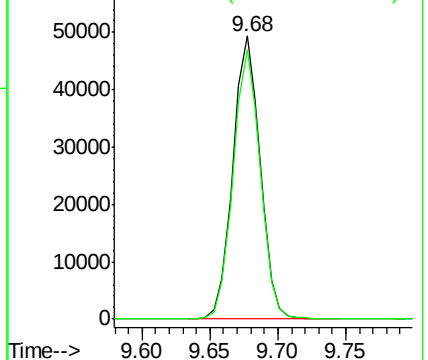
MMDadoda

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 44.335 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002263.D

Acq: 04 Jun 2018 16:34

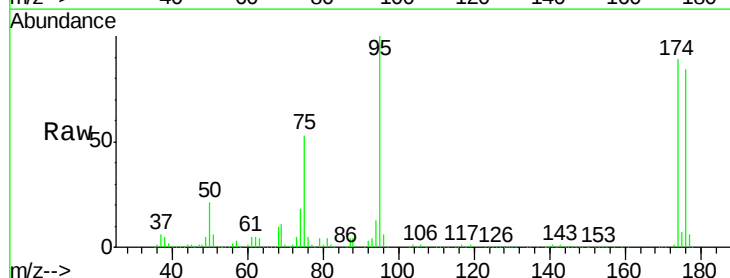
Tgt Ion: 95 Resp: 198634

Ion Ratio Lower Upper

95 100

174 93.8 0.0 187.4

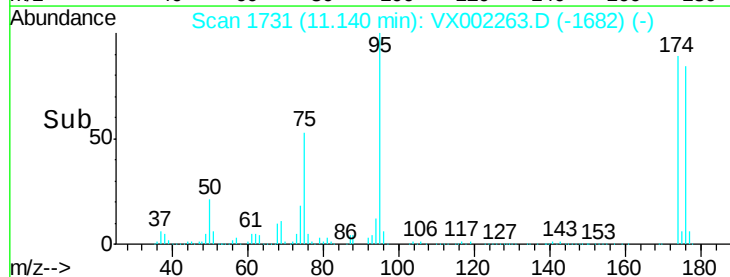
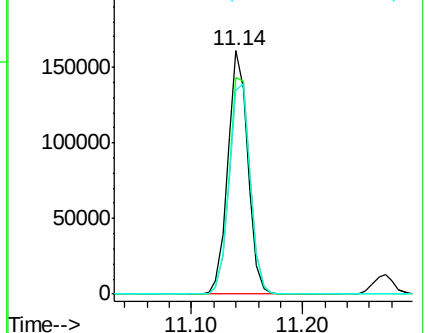
176 91.6 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





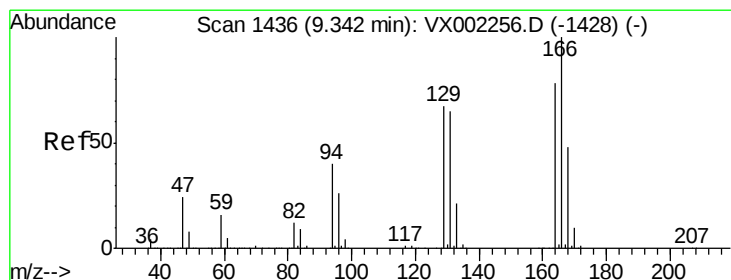
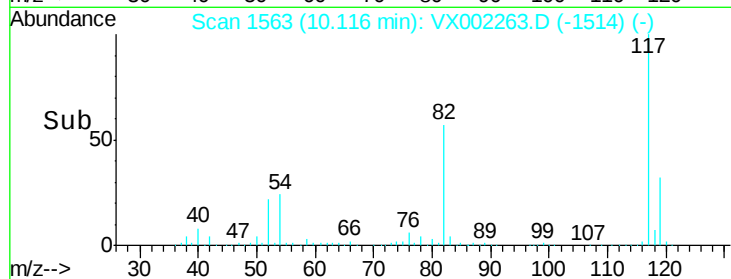
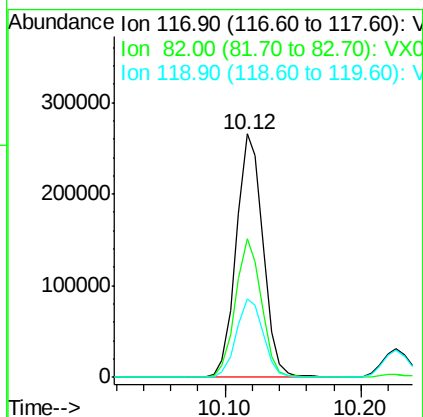
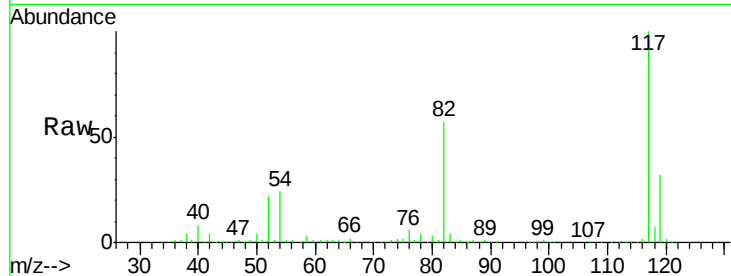
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002263.D
Acq: 04 Jun 2018 16:34

Instrument :
MSVOA_X
ClientSampled :
VX0604WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.8	45.0	67.4
119	32.3	25.8	38.6

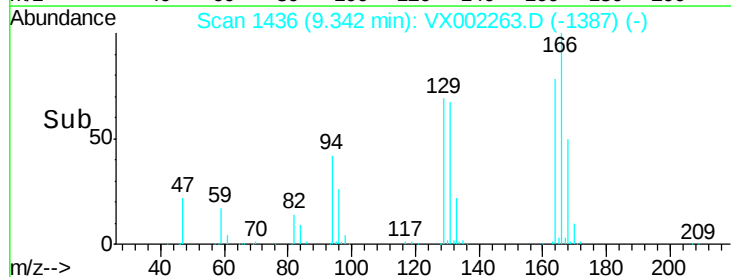
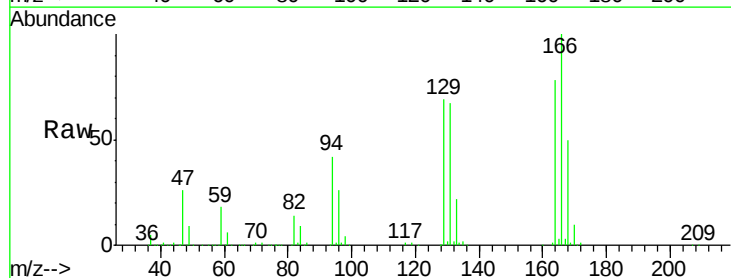
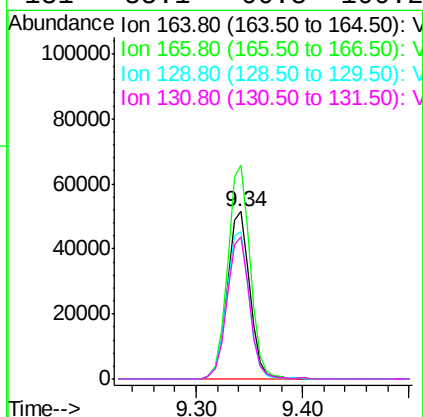
Manual Integrations
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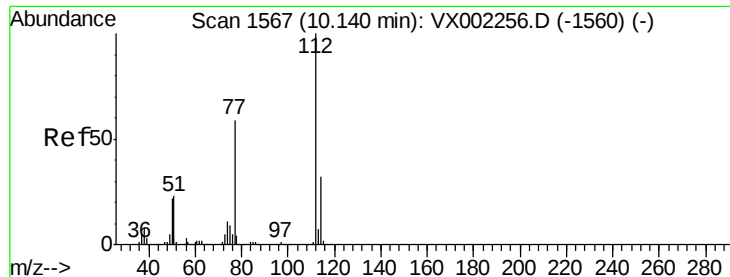
MMDadoda
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#64
Tetrachloroethene
Concen: 20.325 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002263.D
Acq: 04 Jun 2018 16:34

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.6	102.9	154.3
129	87.7	68.6	102.8
131	85.1	66.8	100.2





#65

Chlorobenzene

Concen: 19.687 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX002263.D

Acq: 04 Jun 2018 16:34

Instrument :

MSVOA_X

ClientSampleId :

VX0604WBSD01

Tot Ion:112 Resp: 178388

Ion Ratio Lower Upper

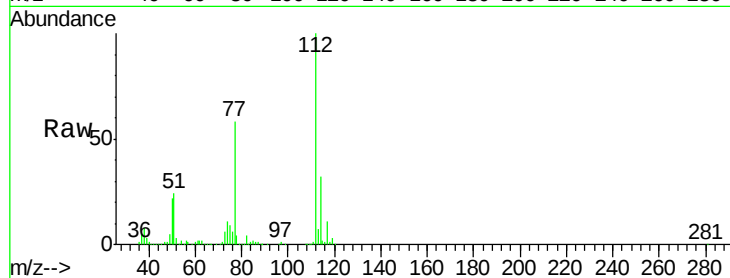
112 100

114 32.1 25.3 37.9

Manual Integrations
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

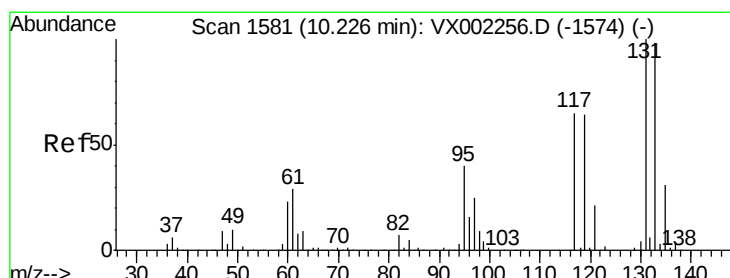
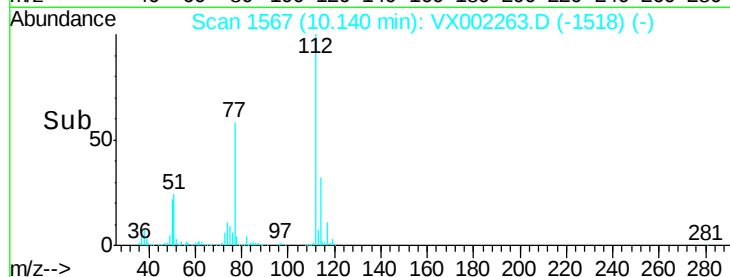
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 19.520 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX002263.D

Acq: 04 Jun 2018 16:34

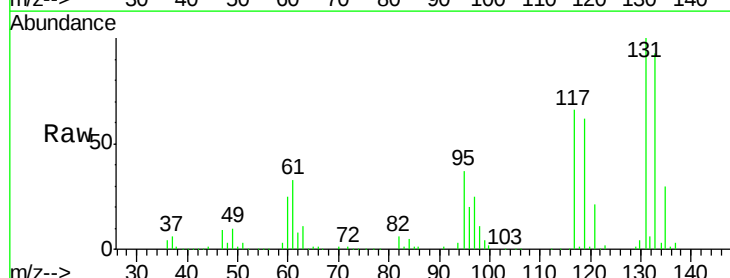
Tgt Ion:131 Resp: 64044

Ion Ratio Lower Upper

131 100

133 93.8 47.9 143.6

119 63.0 31.8 95.3



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.23

60000

50000

40000

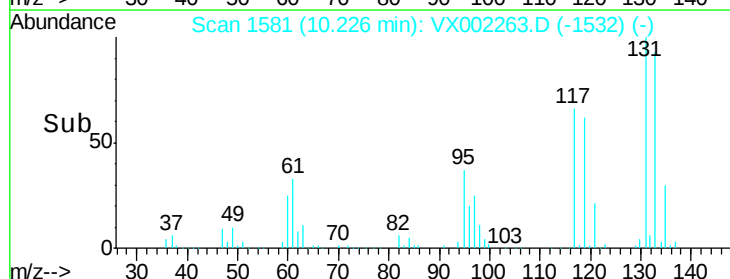
30000

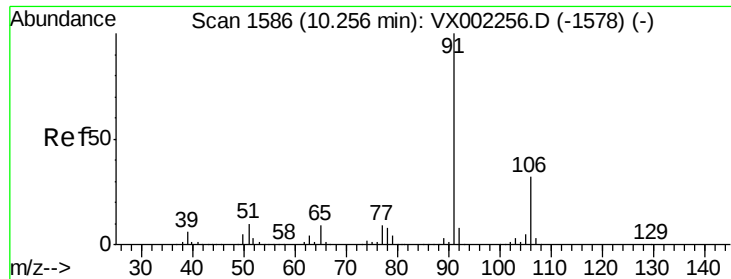
20000

10000

0

Time-->





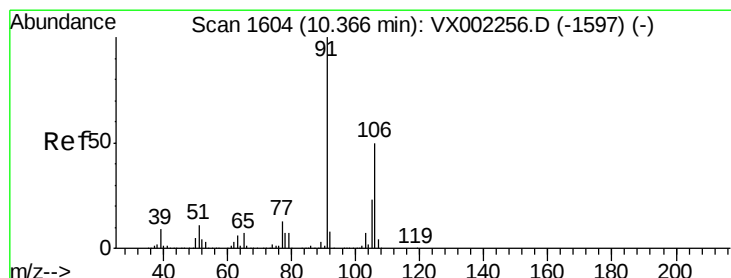
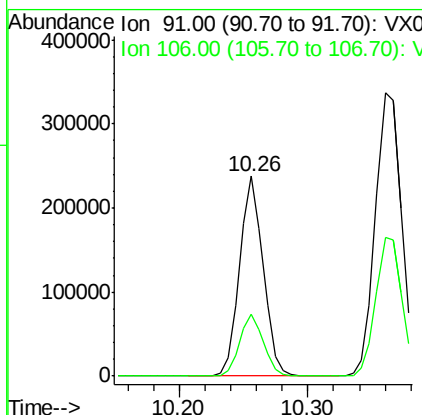
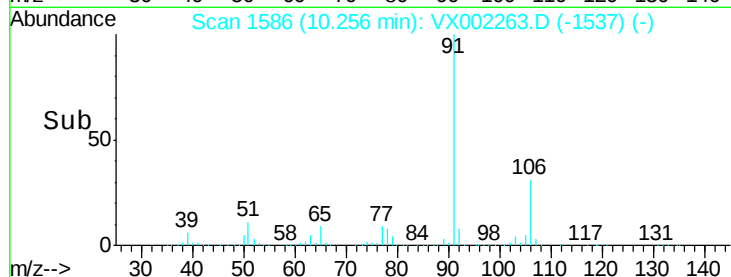
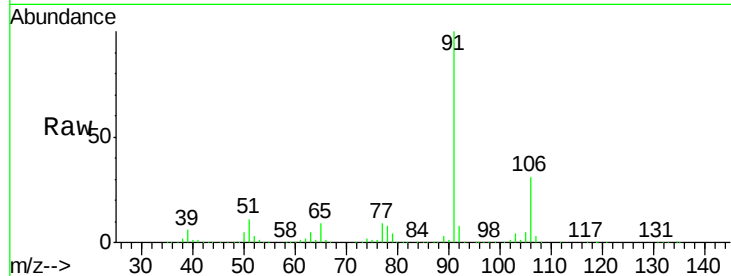
#67
Ethyl Benzene
Concen: 19.975 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002263.D
Acq: 04 Jun 2018 16:34

Instrument :
MSVOA_X
ClientSampleId :
VX0604WBSD01

Tot Ion: 91 Resp: 302904
Ion Ratio Lower Upper
91 100
106 31.3 25.5 38.3

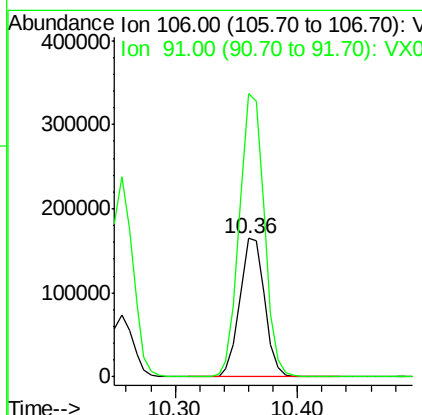
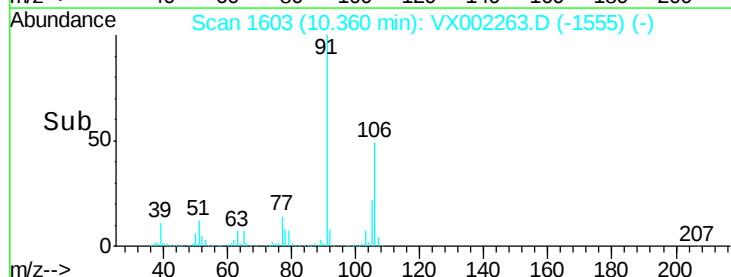
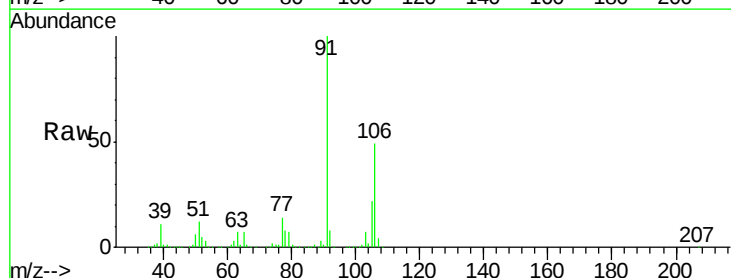
Manual Integrations
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#68
m/p-Xylenes
Concen: 39.263 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VX002263.D
Acq: 04 Jun 2018 16:34

Tgt Ion: 106 Resp: 231437
Ion Ratio Lower Upper
106 100
91 204.6 163.4 245.2





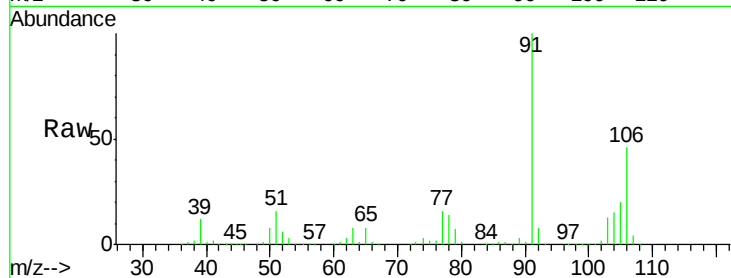
#69
o-Xylene
Concen: 19.756 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002263.D
Acq: 04 Jun 2018 16:34

Instrument :
MSVOA_X
ClientSampled :
VX0604WBSD01

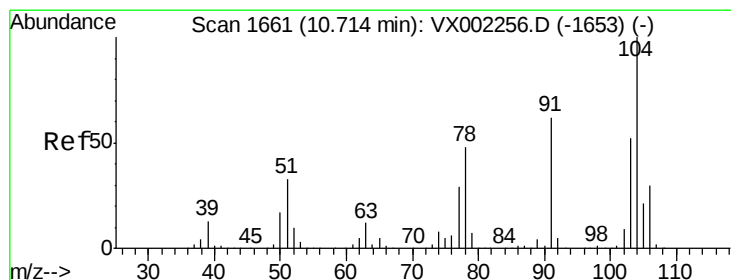
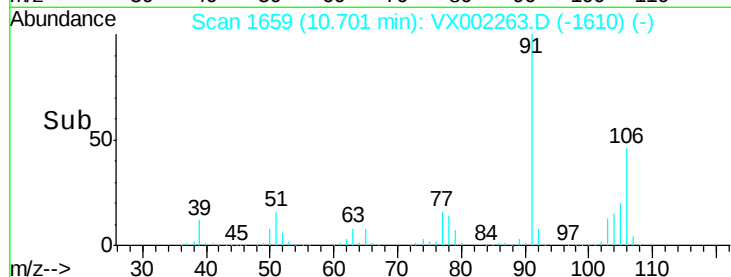
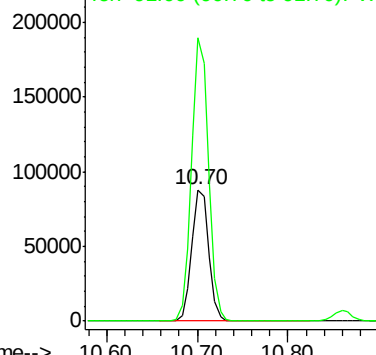
Tot Ion:106 Resp: 115891
Ion Ratio Lower Upper
106 100
91 214.1 108.2 324.6

Manual Integrations
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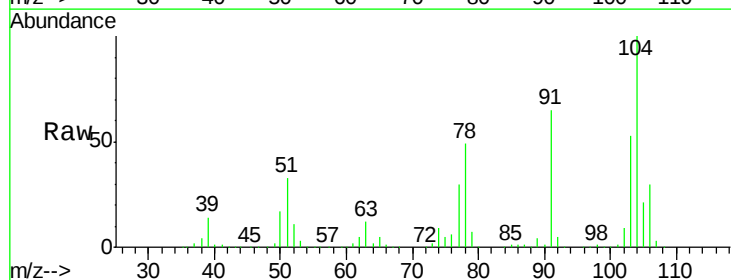


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

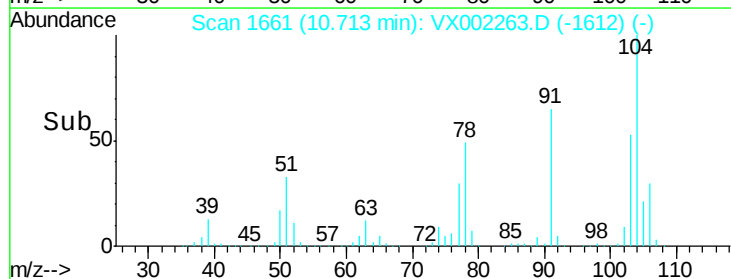
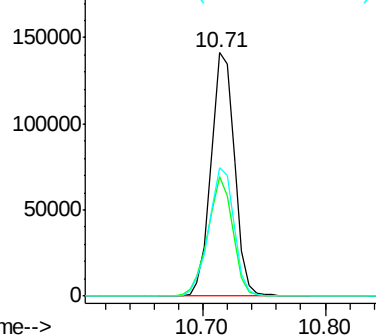


#70
Styrene
Concen: 19.573 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX002263.D
Acq: 04 Jun 2018 16:34

Tgt Ion:104 Resp: 187697
Ion Ratio Lower Upper
104 100
78 52.0 41.0 61.6
103 56.6 44.2 66.4



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





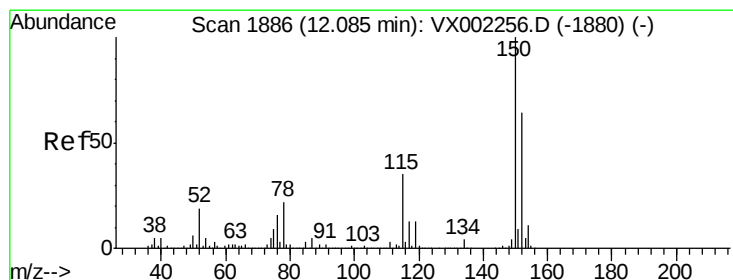
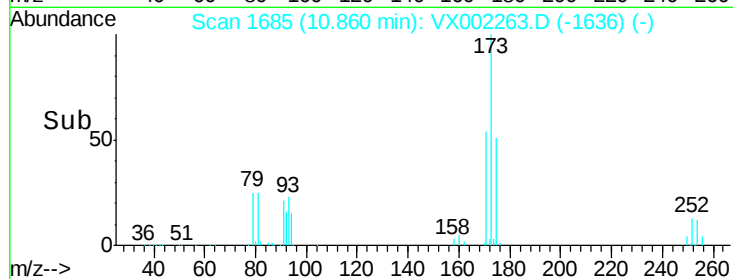
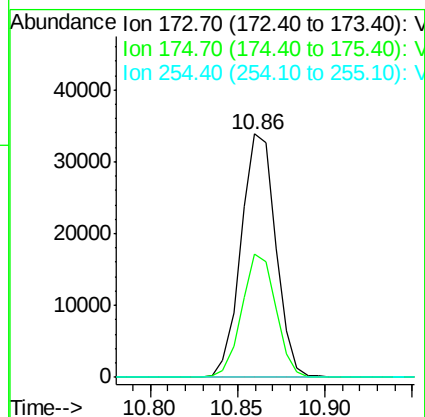
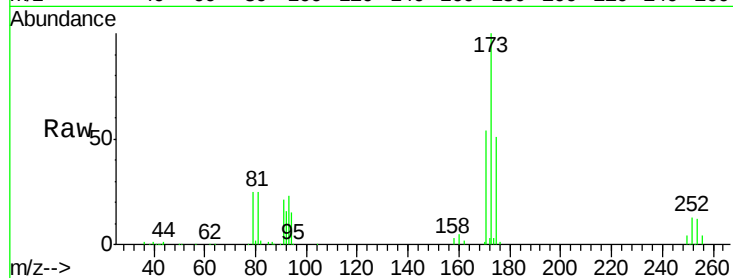
#71
Bromoform
Concen: 18.292 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX002263.D
Acq: 04 Jun 2018 16:34

Instrument :
MSVOA_X
ClientSampleId :
VX0604WBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.6	24.7	74.1
254	0.1	0.2	0.2

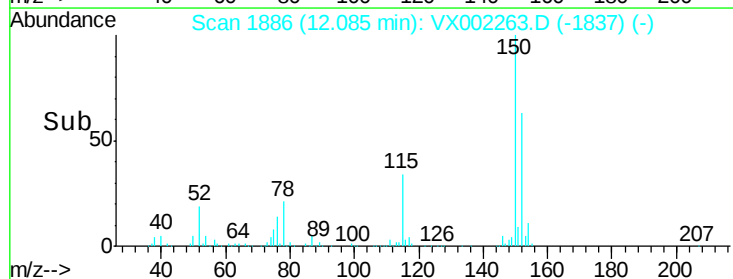
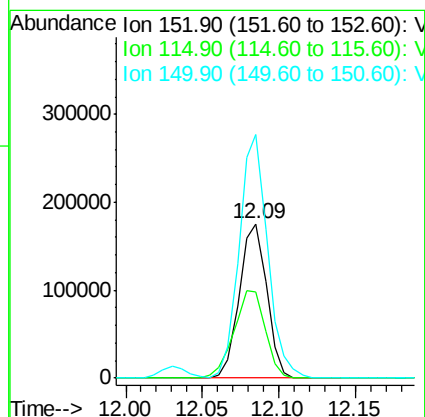
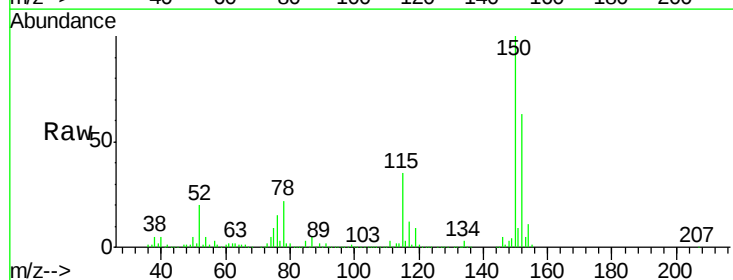
Manual Integrations
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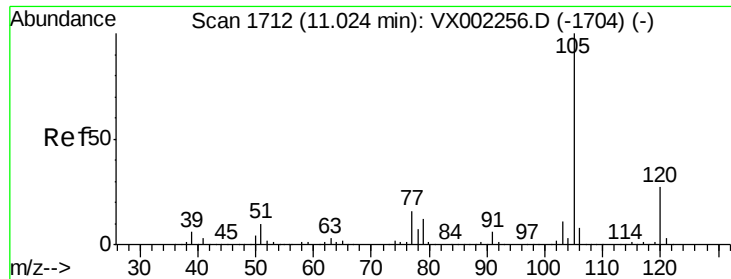
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002263.D
Acq: 04 Jun 2018 16:34

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.9	40.1	120.2
150	163.7	0.0	347.2





#73

Isopropylbenzene

Concen: 20.268 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002263.D

Acq: 04 Jun 2018 16:34

Instrument :

MSVOA_X

ClientSampleId :

VX0604WBSD01

Tot Ion:105 Resp: 307246

Ion Ratio Lower Upper

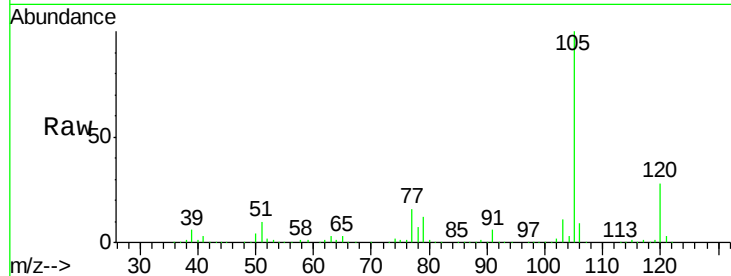
105 100

120 26.8 13.5 40.4

Manual Integrations
APPROVED

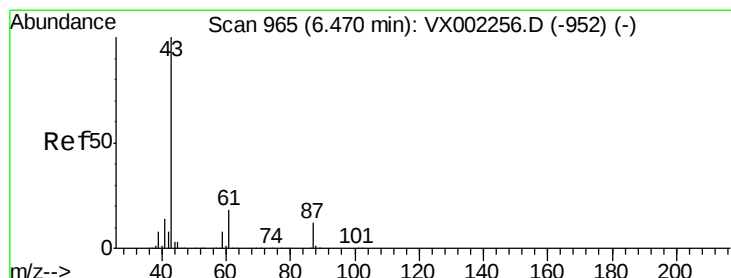
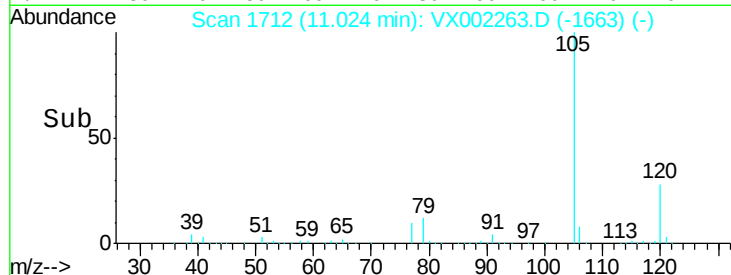
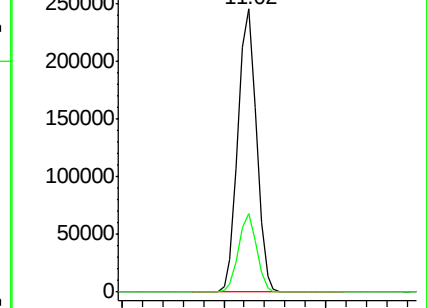
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.352 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002263.D

Acq: 04 Jun 2018 16:34

Tgt Ion: 43 Resp: 166238

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

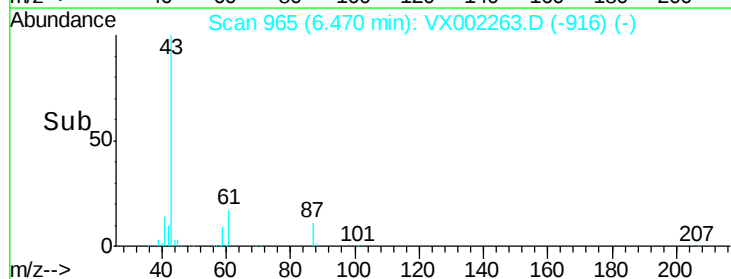
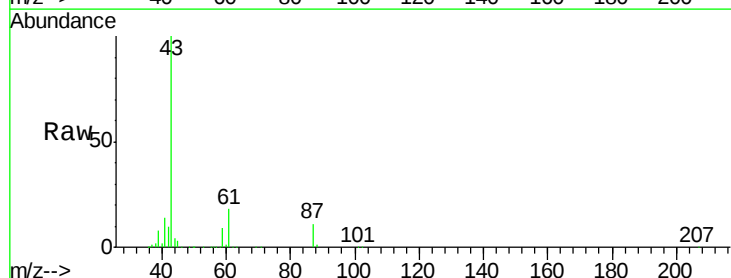
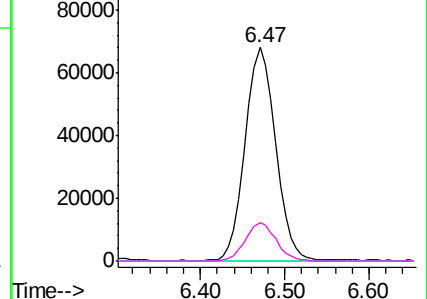
61 18.1 14.4 21.6

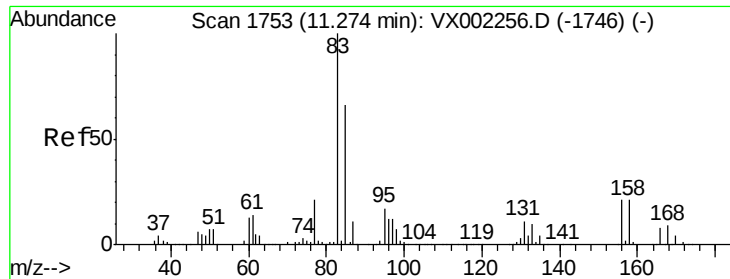
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 20.081 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002263.D

Acq: 04 Jun 2018 16:34

Instrument :

MSVOA_X

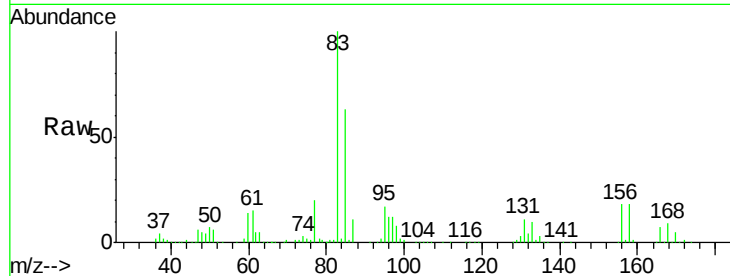
ClientSampled :

VX0604WBSD01

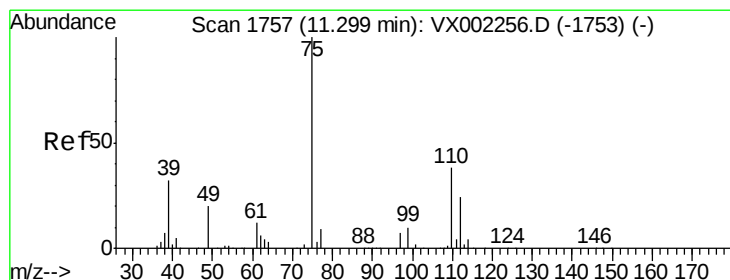
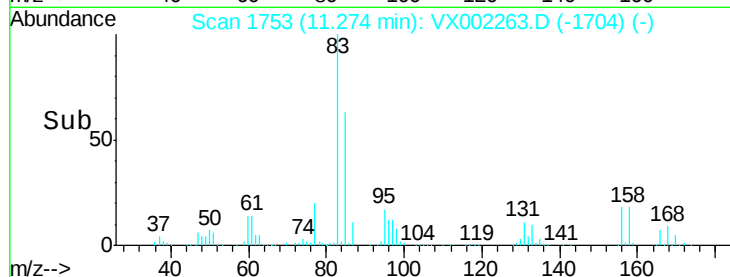
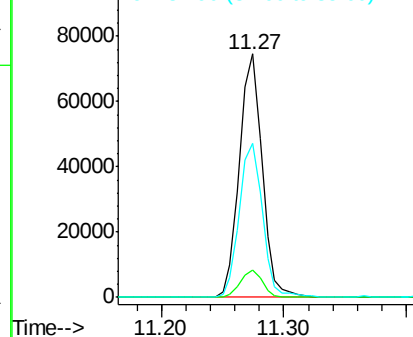
Tot Ion:	83	Resp:	95742
Ion Ratio	Lower	Upper	
83	100		
131	11.0	5.6	16.8
85	64.8	32.4	97.2

Manual Integrations
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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: 20.334 ug/l m

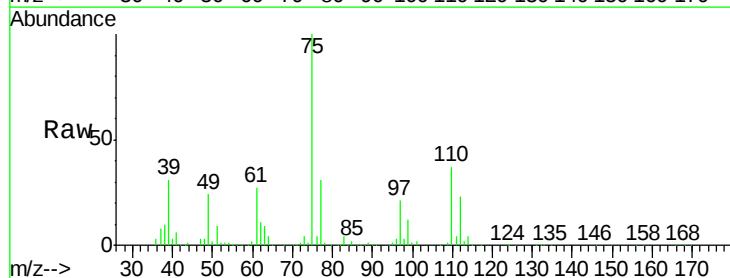
RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

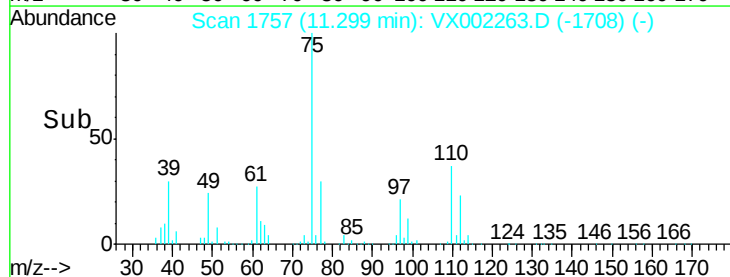
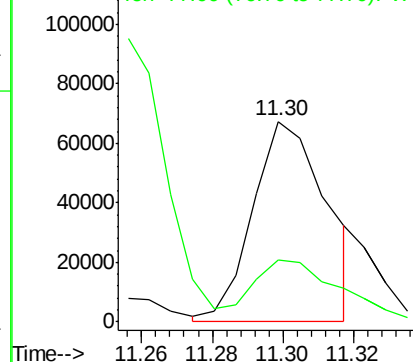
Lab File: VX002263.D

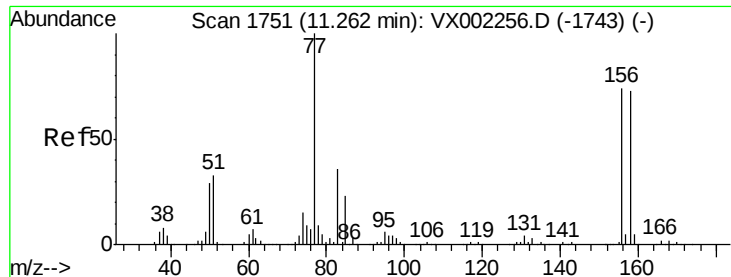
Acq: 04 Jun 2018 16:34

Tgt Ion:	75	Resp:	97229
Ion Ratio	Lower	Upper	
75	100		
77	37.5	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: 19.885 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX002263.D

Acq: 04 Jun 2018 16:34

Instrument :

MSVOA_X

ClientSampleId :

VX0604WBSD01

Tot Ion:156 Resp: 84625

Ion Ratio Lower Upper

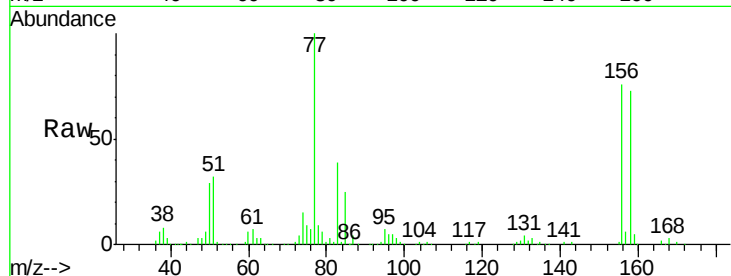
156 100

77 142.7 71.4 214.2

158 98.0 48.9 146.6

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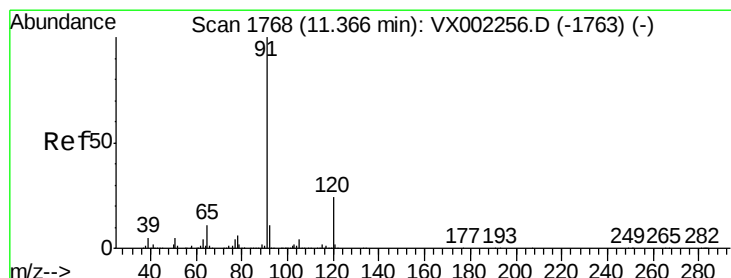
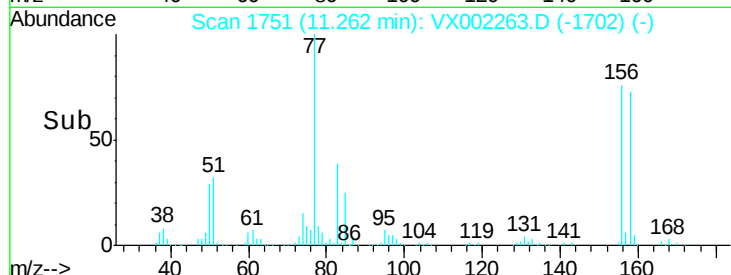
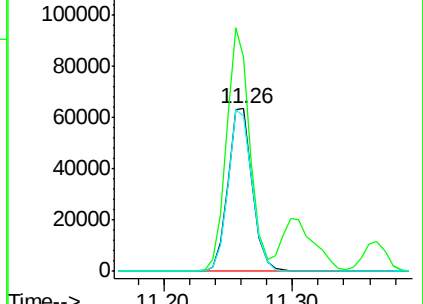
MMDadoda
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.531 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002263.D

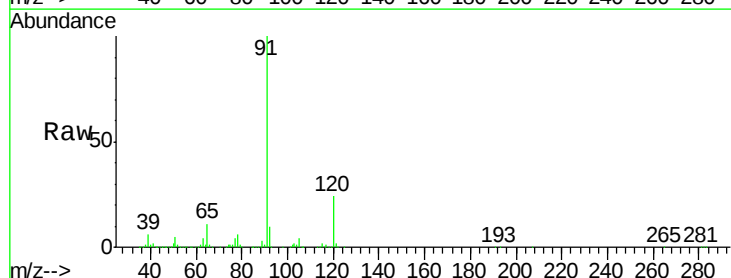
Acq: 04 Jun 2018 16:34

Tgt Ion: 91 Resp: 345933

Ion Ratio Lower Upper

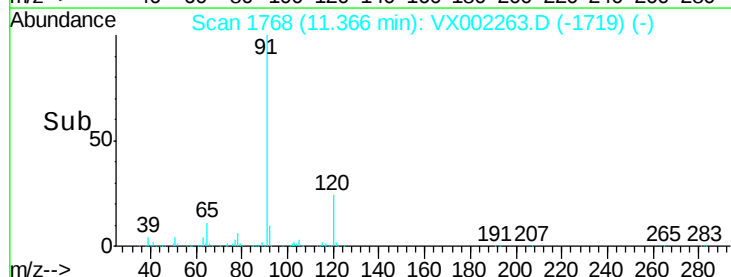
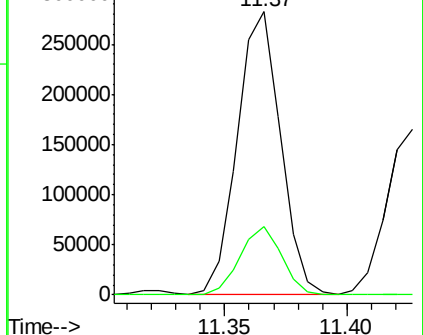
91 100

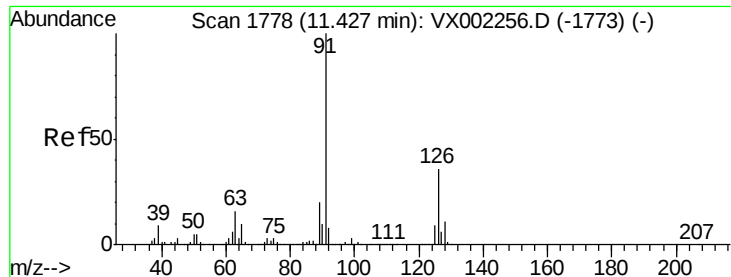
120 23.4 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





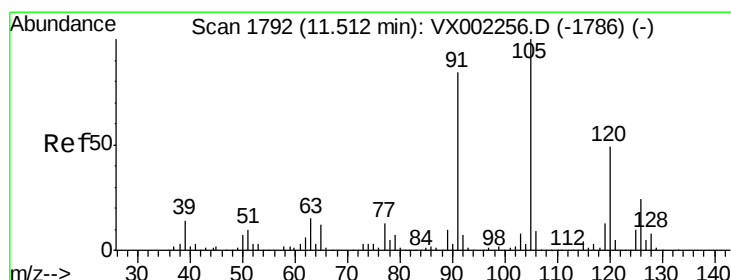
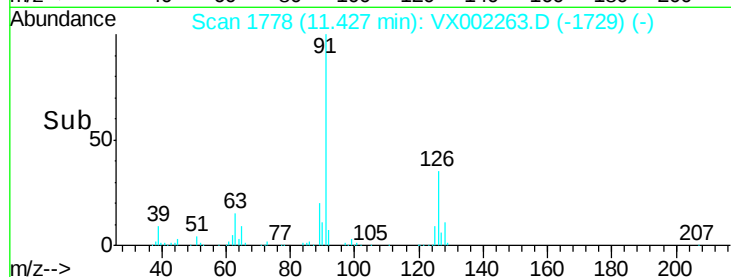
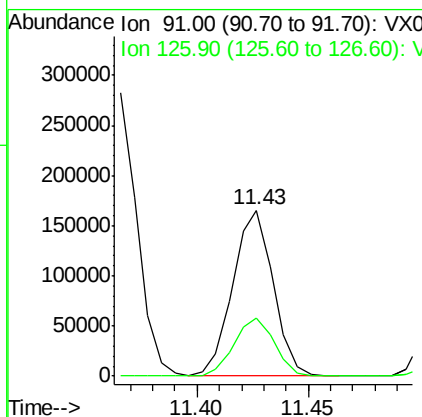
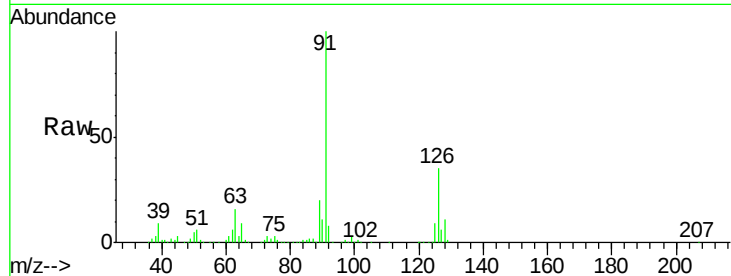
#79
2-Chlorotoluene
Concen: 19.553 ug/l
RT: 11.43 min Scan# 1778
Delta R.T. -0.00 min
Lab File: VX002263.D
Acq: 04 Jun 2018 16:34

Instrument :
MSVOA_X
ClientSampleId :
VX0604WBSD01

Tot Ion: 91 Resp: 208023
Ion Ratio Lower Upper
91 100
126 35.1 17.7 53.1

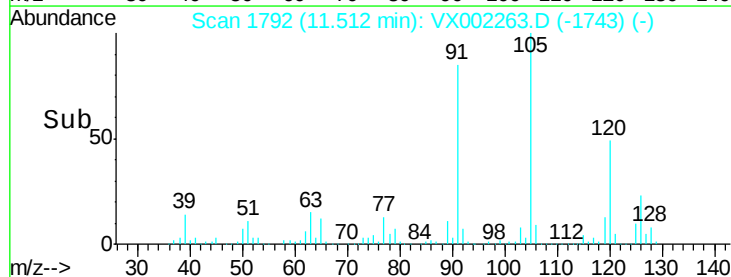
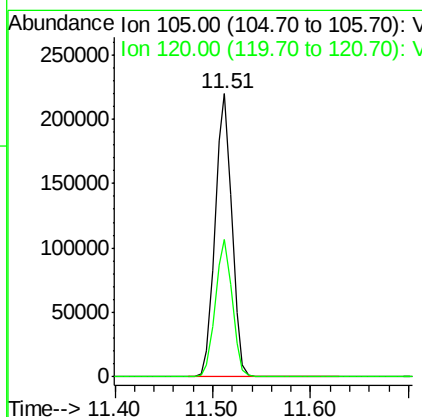
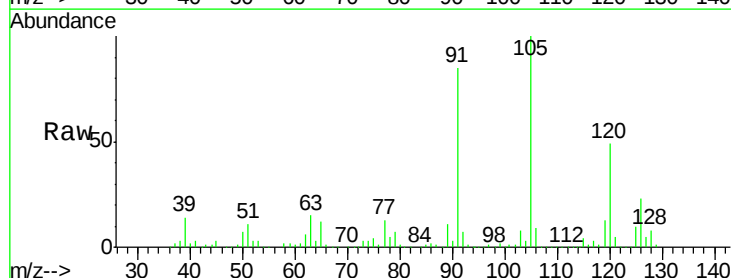
Manual Integrations
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#80
1,3,5-Trimethylbenzene
Concen: 20.070 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX002263.D
Acq: 04 Jun 2018 16:34

Tgt Ion: 105 Resp: 260958
Ion Ratio Lower Upper
105 100
120 48.8 24.4 73.4





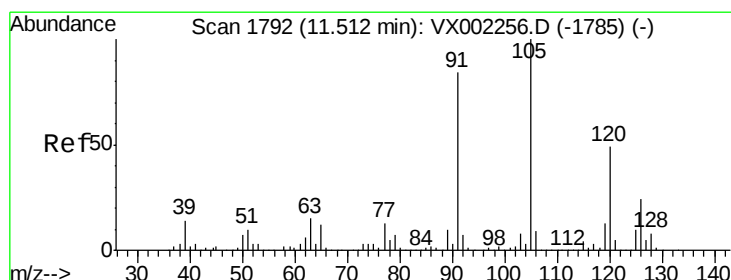
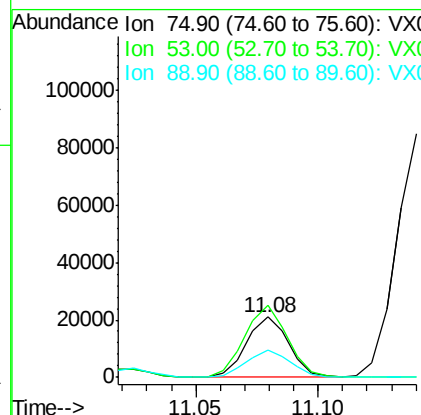
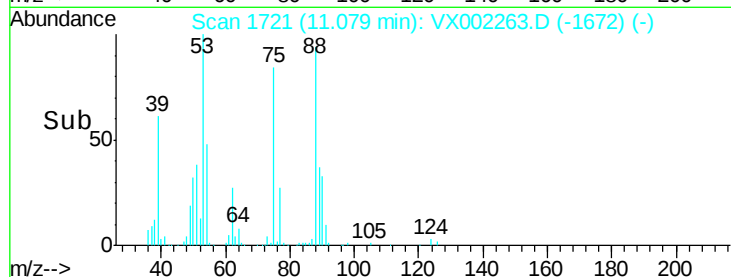
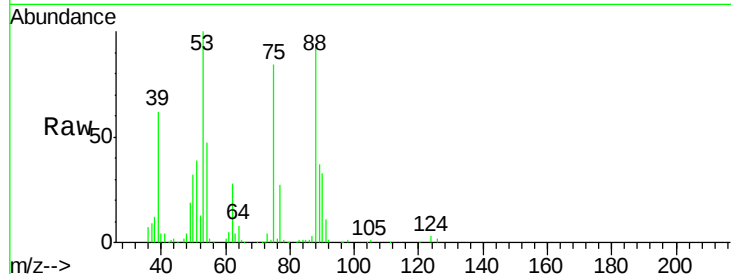
#81
trans-1,4-Dichloro-2-butene
Concen: 18.595 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. -0.00 min
Lab File: VX002263.D
Acq: 04 Jun 2018 16:34

Instrument :
MSVOA_X
ClientSampleId :
VX0604WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	121.7	86.8	130.2
89	45.8	38.2	57.2

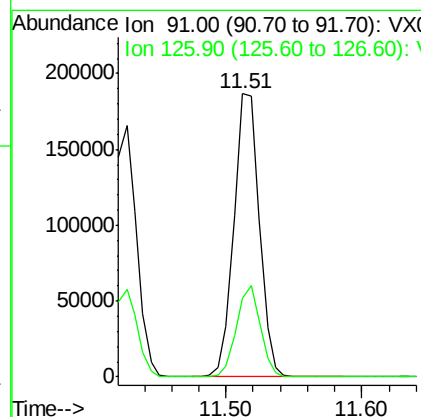
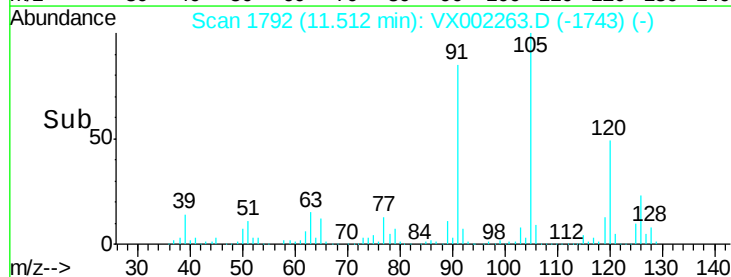
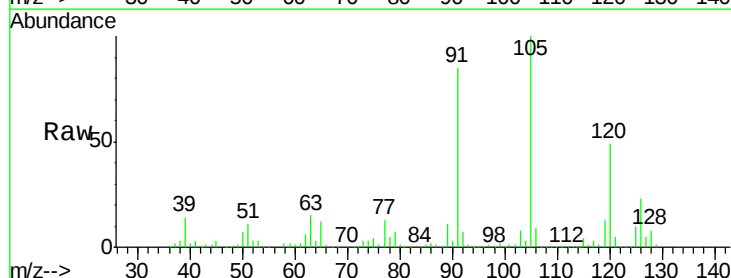
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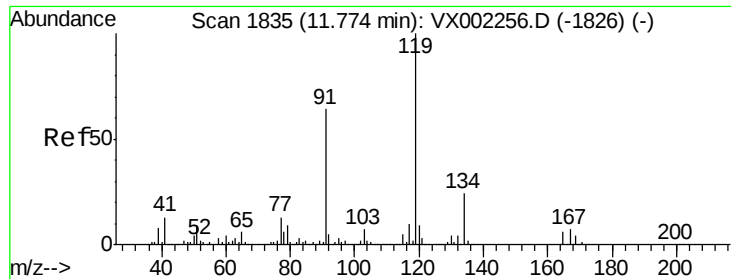
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#82
4-Chlorotoluene
Concen: 19.768 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX002263.D
Acq: 04 Jun 2018 16:34

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.4	15.4	46.4





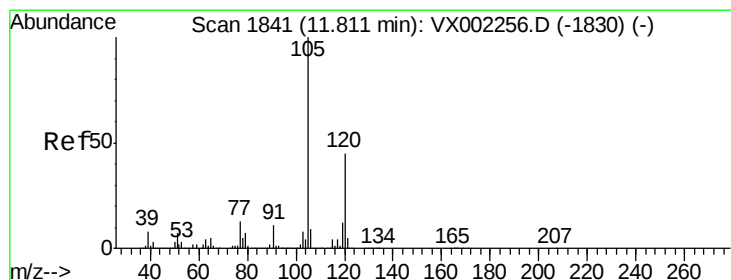
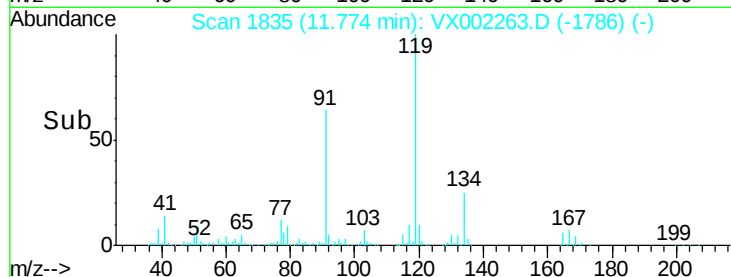
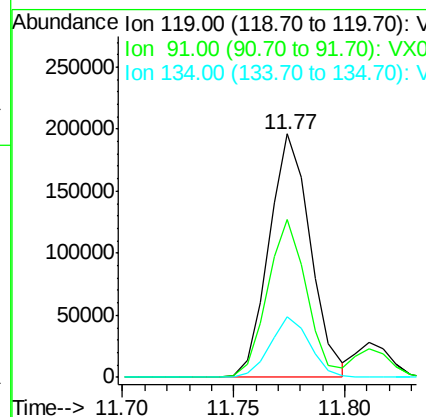
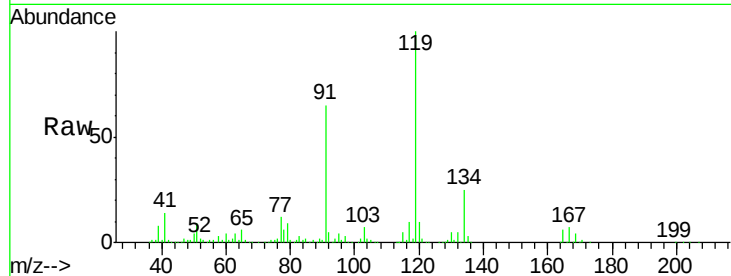
#83
 tert-Butylbenzene
 Concen: 20.024 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002263.D
 Acq: 04 Jun 2018 16:34

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0604WBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
91	61.5	30.3	90.9
134	23.6	11.7	35.1

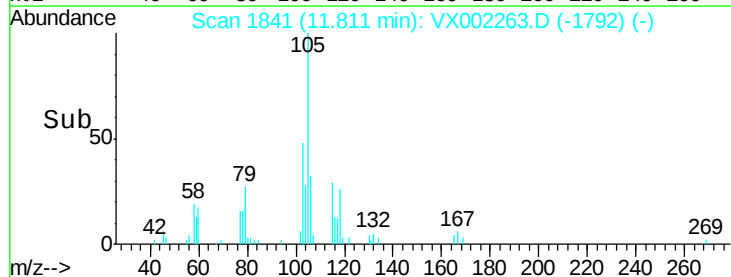
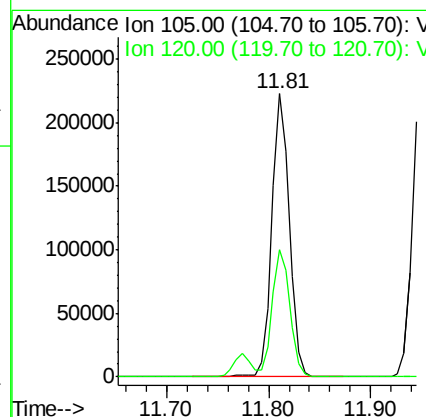
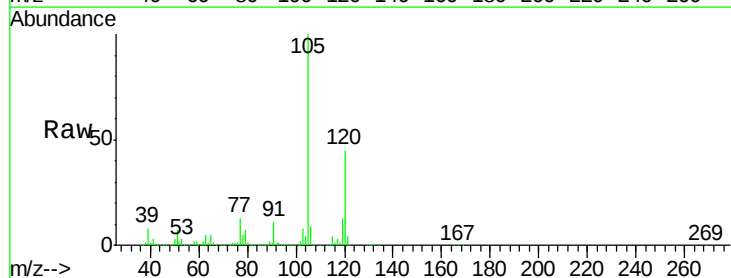
Manual Integrations
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.891 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002263.D
 Acq: 04 Jun 2018 16:34

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.0	22.3	66.8





#85

sec-Butylbenzene

Concen: 20.933 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002263.D

Acq: 04 Jun 2018 16:34

Instrument :

MSVOA_X

ClientSampleId :

VX0604WBSD01

Tot Ion:105 Resp: 310713

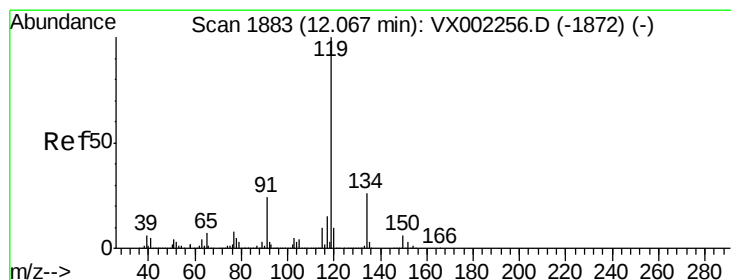
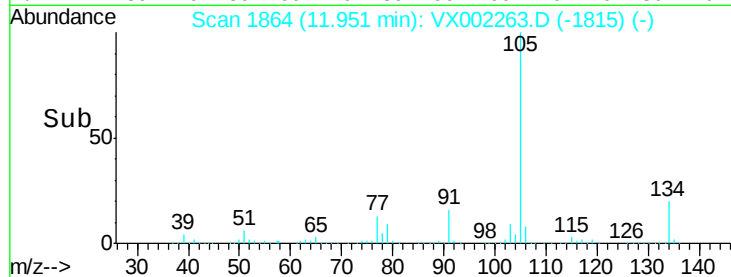
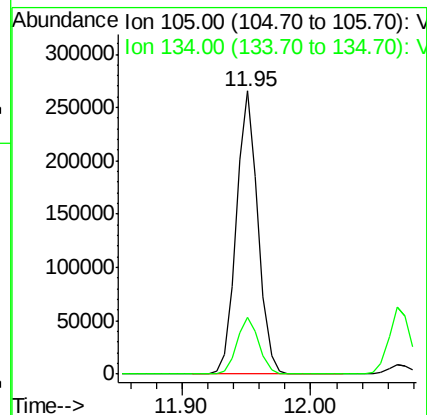
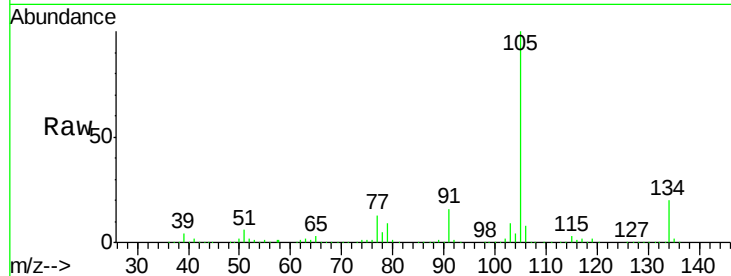
Ion Ratio Lower Upper

105 100

134 20.4 10.4 31.1

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#86

p-Isopropyltoluene

Concen: 20.491 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002263.D

Acq: 04 Jun 2018 16:34

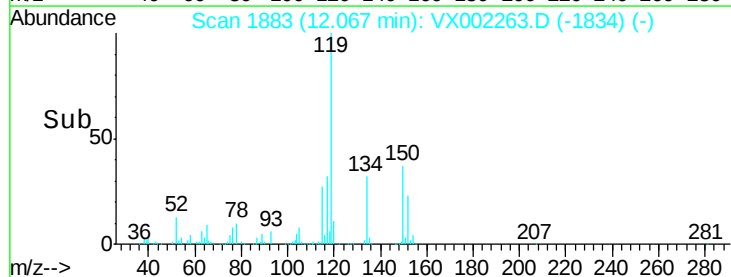
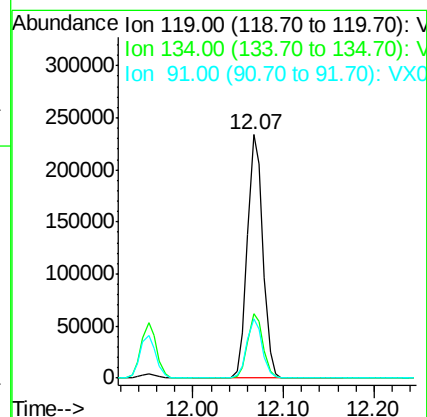
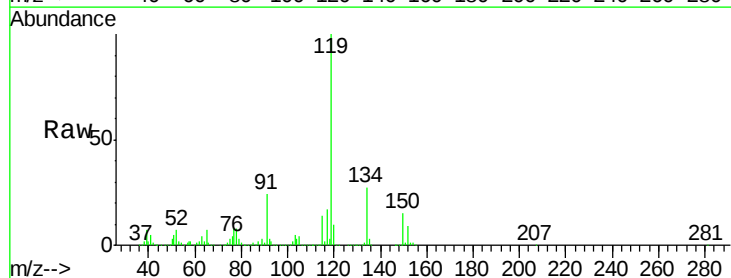
Tgt Ion:119 Resp: 277046

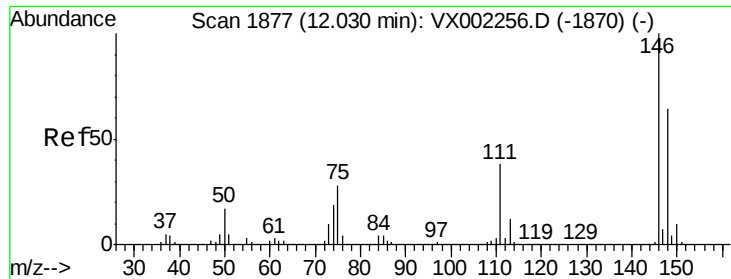
Ion Ratio Lower Upper

119 100

134 26.3 13.4 40.1

91 24.1 11.9 35.7





#87

1,3-Dichlorobenzene

Concen: 19.504 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX002263.D

Acq: 04 Jun 2018 16:34

Instrument :

MSVOA_X

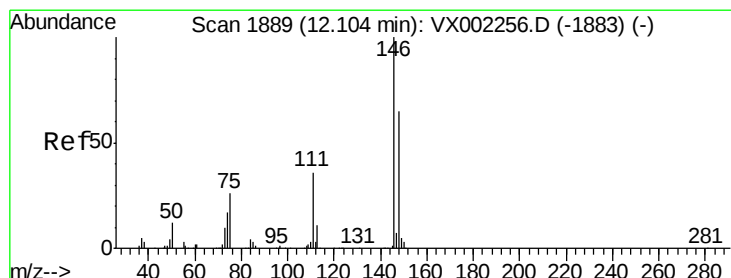
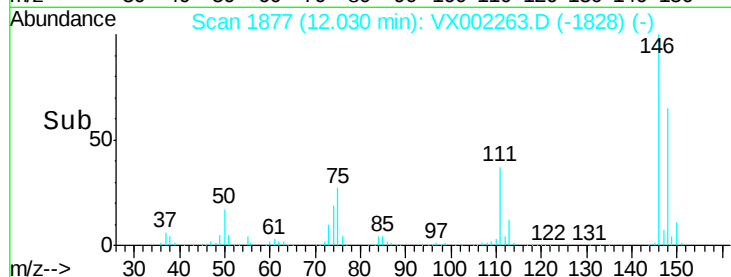
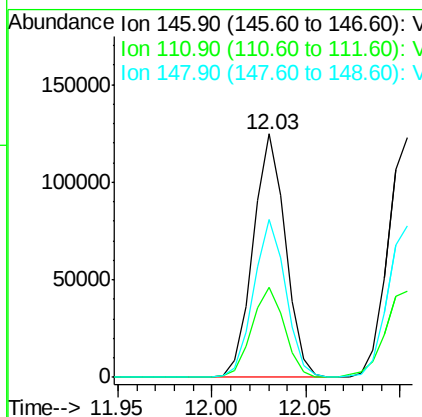
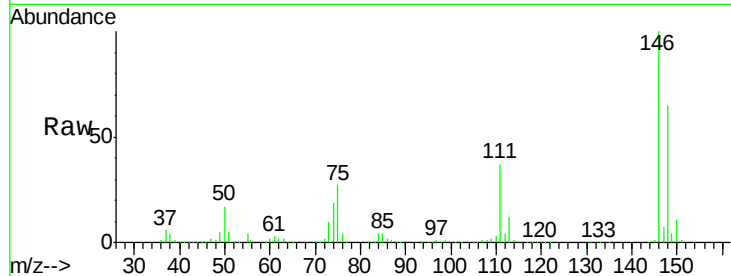
ClientSampled :

VX0604WBSD01

Tot Ion:	146	Resp:	148412
Ion Ratio	Lower	Upper	
146	100		
111	37.4	18.9	56.7
148	64.4	32.1	96.3

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 19.257 ug/l

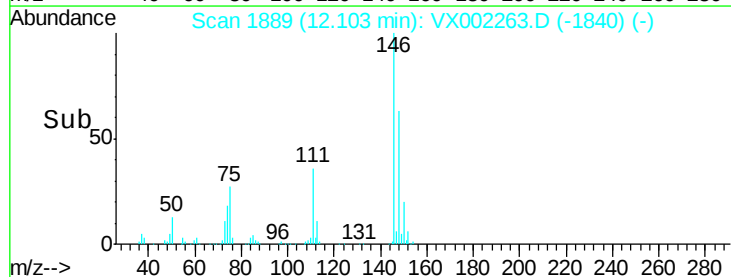
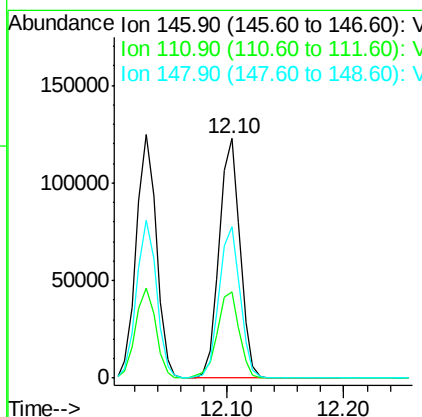
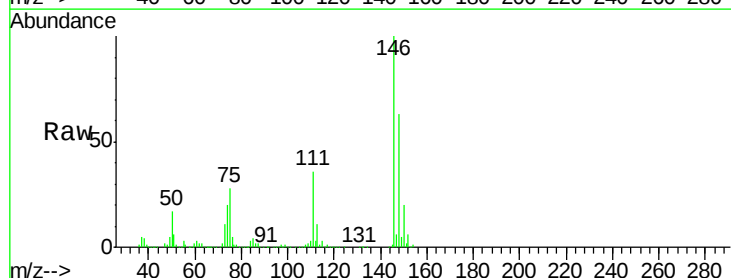
RT: 12.10 min Scan# 1889

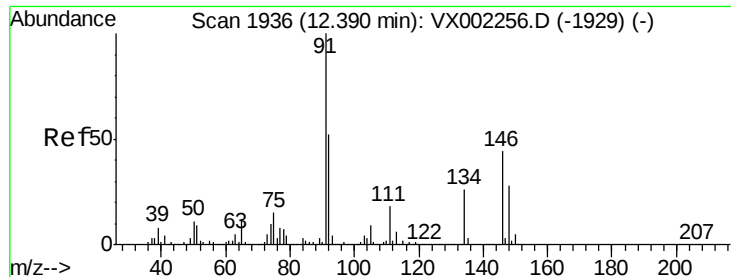
Delta R.T. -0.00 min

Lab File: VX002263.D

Acq: 04 Jun 2018 16:34

Tgt Ion:	146	Resp:	151041
Ion Ratio	Lower	Upper	
146	100		
111	38.3	18.7	56.1
148	64.0	32.4	97.0





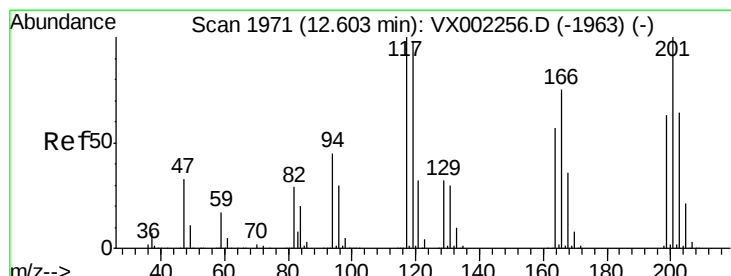
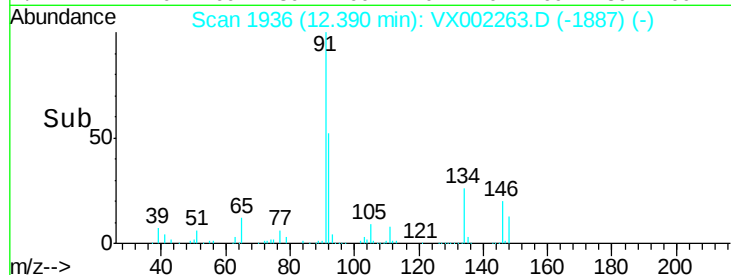
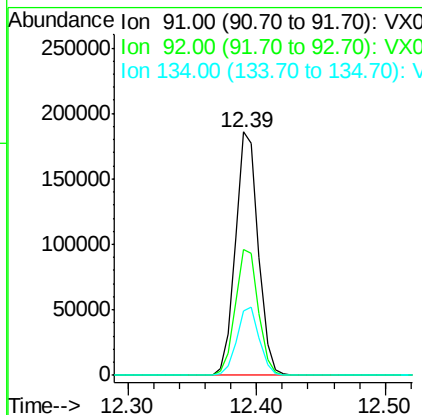
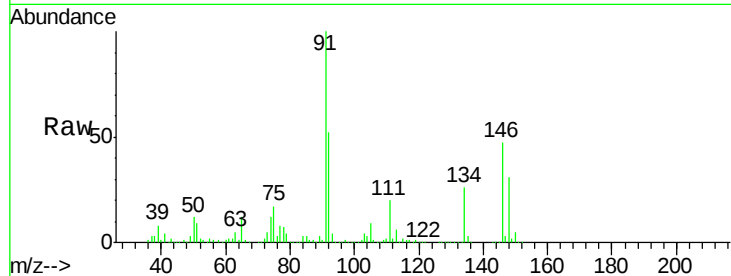
#89
n-Butylbenzene
Concen: 20.188 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX002263.D
Acq: 04 Jun 2018 16:34

Instrument :
MSVOA_X
ClientSampleId :
VX0604WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.4	26.0	78.0
134	27.4	13.5	40.5

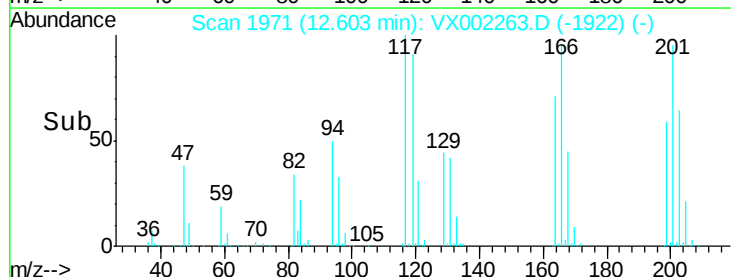
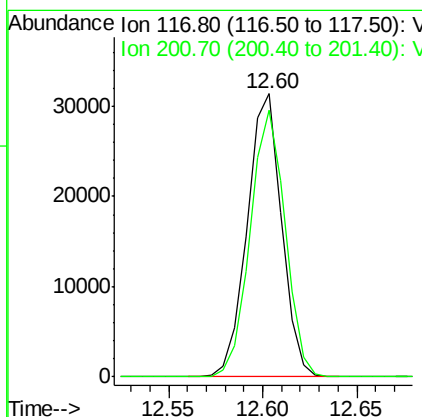
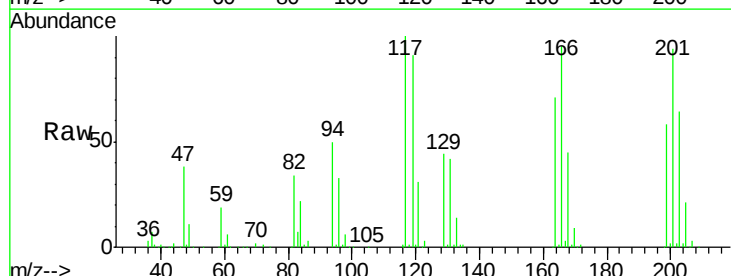
Manual Integrations
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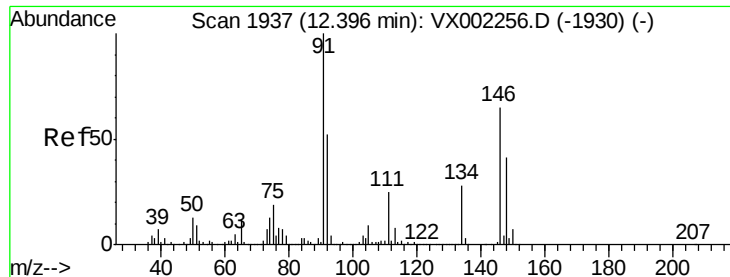
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#90
Hexachloroethane
Concen: 18.369 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX002263.D
Acq: 04 Jun 2018 16:34

Tgt Ion	Ratio	Lower	Upper
117	100		
201	95.6	49.0	147.0





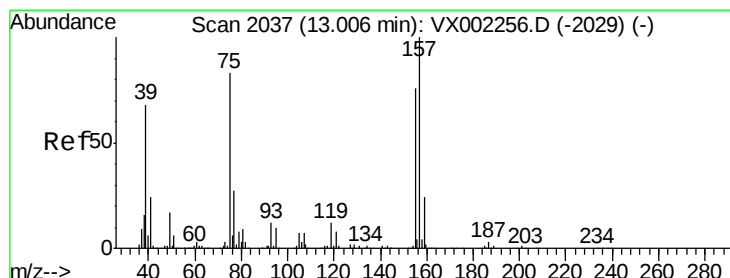
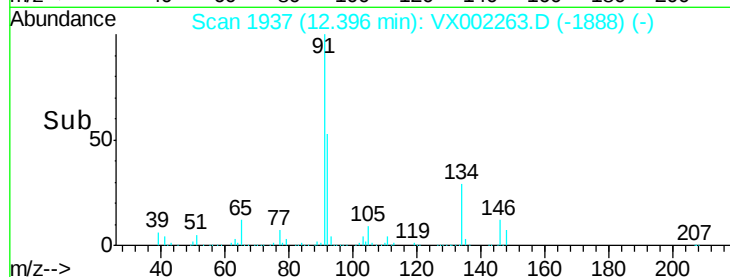
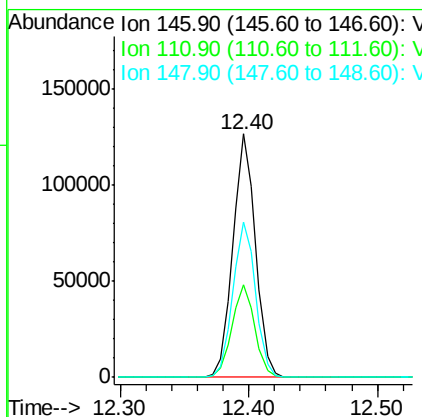
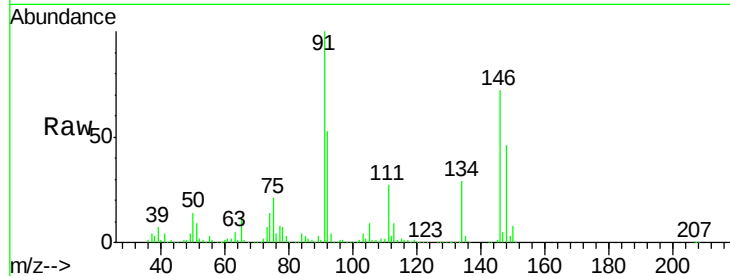
#91
 1,2-Dichlorobenzene
 Concen: 19.711 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX002263.D
 Acq: 04 Jun 2018 16:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0604WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.4	58.1
148	64.1	31.7	95.1

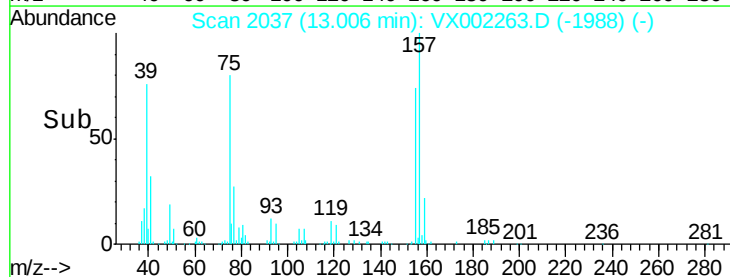
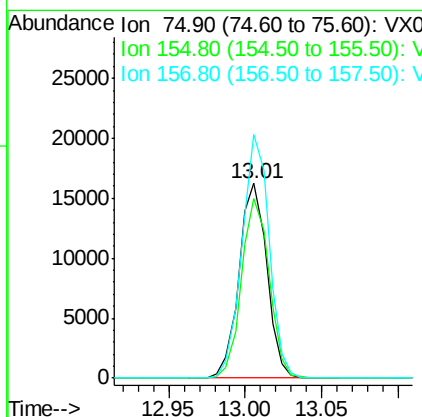
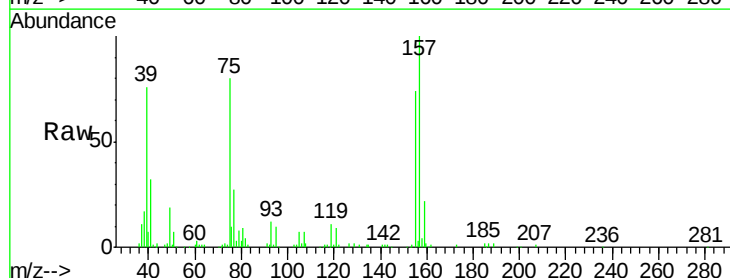
Manual Integrations
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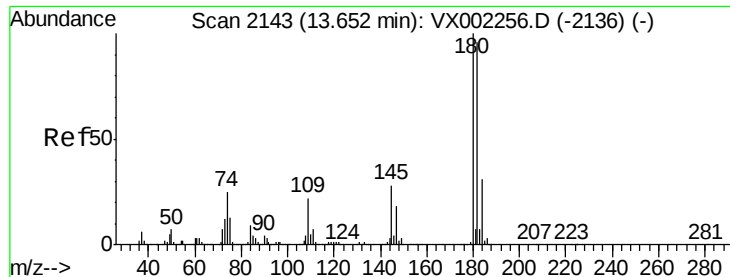
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.719 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002263.D
 Acq: 04 Jun 2018 16:34

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.4	45.8	137.4
157	122.2	60.1	180.3





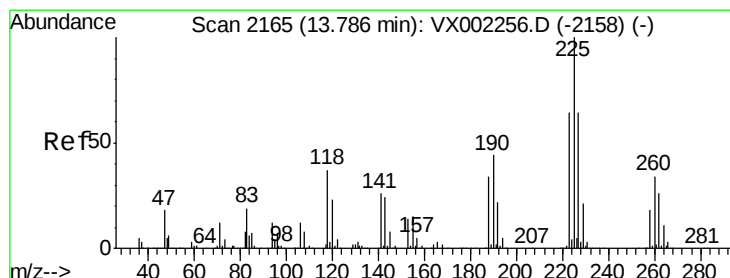
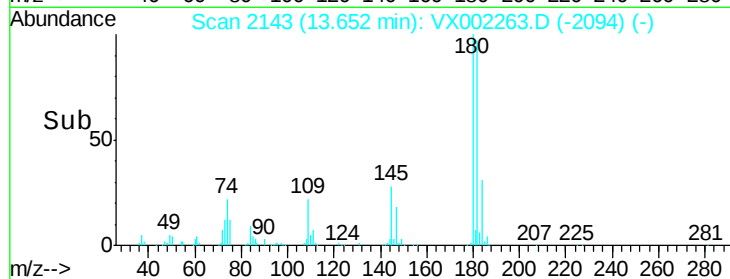
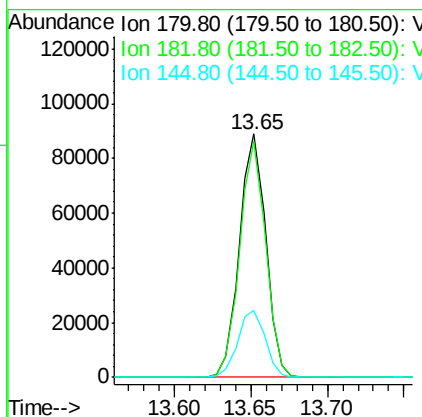
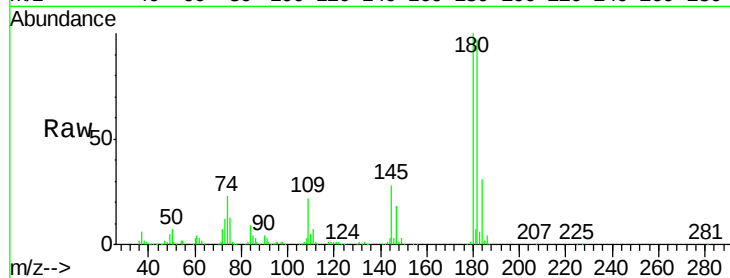
#93
 1,2,4-Trichlorobenzene
 Concen: 19.242 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002263.D
 Acq: 04 Jun 2018 16:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0604WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	106225		
182	95.4	47.7	143.1	
145	28.7	14.1	42.4	

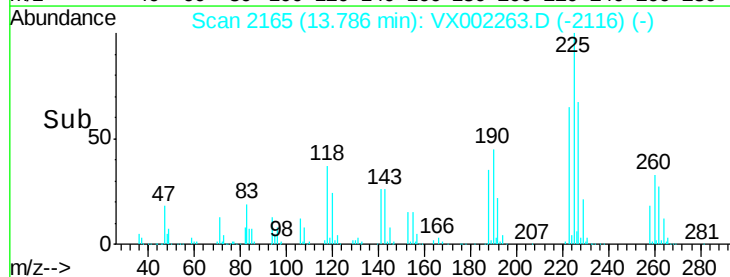
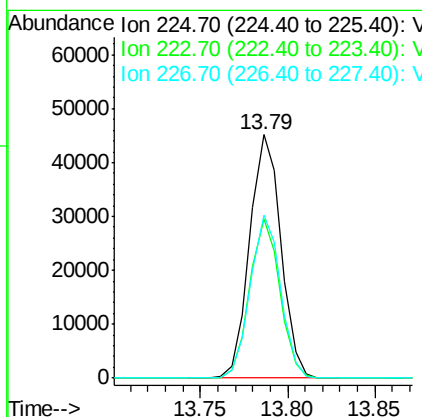
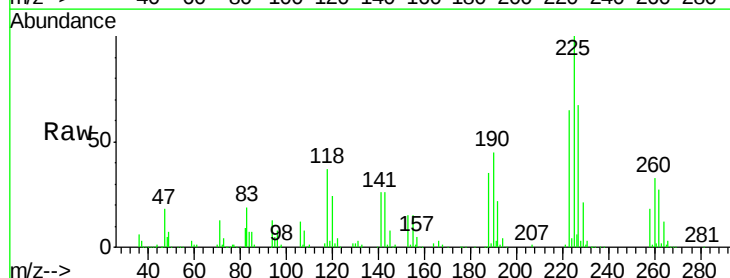
Manual Integrations
 APPROVED

MMDadoda
 6/5/2018 5:56:06 PM



#94
 Hexachlorobutadiene
 Concen: 20.565 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002263.D
 Acq: 04 Jun 2018 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	56101		
223	63.3	31.6	95.0	
227	64.9	32.4	97.2	





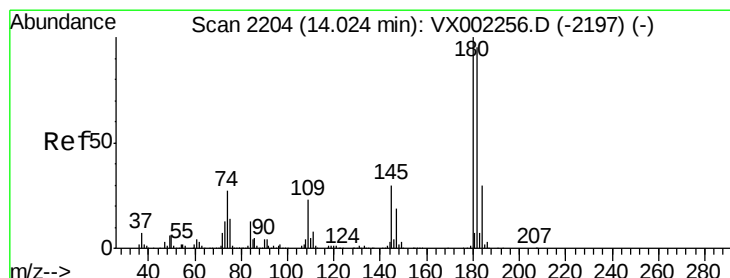
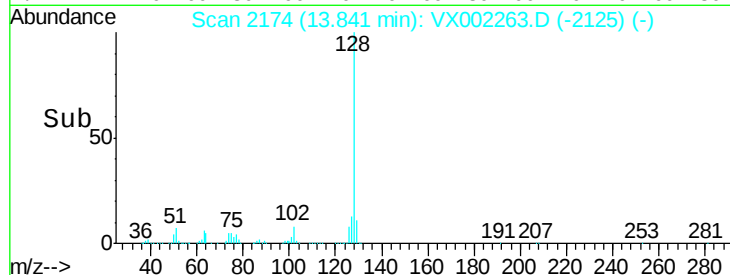
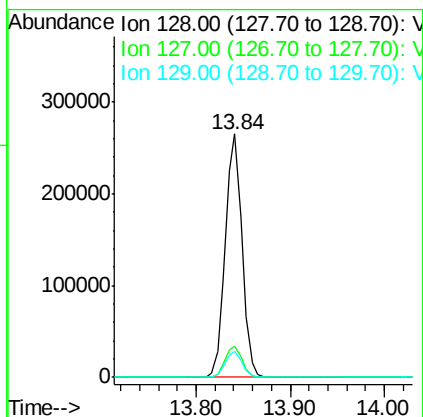
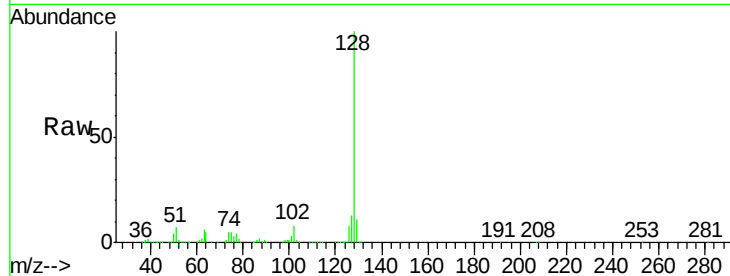
#95
Naphthalene
Concen: 20.569 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX002263.D
Acq: 04 Jun 2018 16:34

Instrument :
MSVOA_X
ClientSampled :
VX0604WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	326262		
127	13.0		10.4	15.6
129	10.8		8.6	13.0

Manual Integrations
APPROVED

MMDadoda
6/5/2018 5:56:06 PM



#96
1,2,3-Trichlorobenzene
Concen: 19.929 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX002263.D
Acq: 04 Jun 2018 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	112200		
182	96.4		48.0	144.0
145	29.8		14.8	44.3

