

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060618\
 Data File : VX002345.D
 Acq On : 06 Jun 2018 11:48
 Operator : JC/MD
 Sample : VX0606WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0606WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/7/2018 11:36:13 AM

Quant Time: Jun 07 04:01:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	269850	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	381751	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	370764	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	237067	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	184777	47.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.46%	
35) Dibromofluoromethane	5.51	113	137996	45.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.94%	
50) Toluene-d8	8.72	98	546121	47.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.92%	
62) 4-Bromofluorobenzene	11.14	95	206353	46.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	59504	21.21	ug/l	97
3) Chloromethane	1.32	50	66733	18.98	ug/l	99
4) Vinyl Chloride	1.41	62	73197	20.70	ug/l	98
5) Bromomethane	1.64	94	39257	17.45	ug/l	100
6) Chloroethane	1.73	64	48011	20.99	ug/l	98
7) Trichlorofluoromethane	1.93	101	121862	22.62	ug/l	98
8) Diethyl Ether	2.19	74	43482	21.34	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	70491	24.25	ug/l	99
10) Methyl Iodide	2.51	142	47584	11.64	ug/l	100
11) Tert butyl alcohol	3.06	59	82233	91.43	ug/l	98
12) 1,1-Dichloroethene	2.38	96	60543	21.08	ug/l	98
13) Acrolein	2.29	56	34419	83.33	ug/l	99
14) Allyl chloride	2.73	41	120433	19.32	ug/l	98
15) Acrylonitrile	3.15	53	180363	104.17	ug/l	99
16) Acetone	2.45	43	204389	112.62	ug/l	100
17) Carbon Disulfide	2.57	76	135101	17.84	ug/l	99
18) Methyl Acetate	2.78	43	85877	20.63	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	225914	21.21	ug/l	100
20) Methylene Chloride	2.86	84	68800	20.94	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	65017	20.52	ug/l	97
22) Diisopropyl ether	3.87	45	243181	22.53	ug/l	94
23) Vinyl Acetate	3.82	43	1042985	103.20	ug/l	100
24) 1,1-Dichloroethane	3.70	63	127836	20.75	ug/l	99
25) 2-Butanone	4.70	43	241994	91.46	ug/l	100
26) 2,2-Dichloropropane	4.59	77	86936	18.05	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	64229	18.64	ug/l	95
28) Bromochloromethane	5.02	49	57147	19.65	ug/l	98
29) Tetrahydrofuran	5.16	42	147957	86.73	ug/l	99
30) Chloroform	5.22	83	113702	19.12	ug/l	99
31) Cyclohexane	5.57	56	102105	20.96	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	96743	19.19	ug/l	99
36) 1,1-Dichloropropene	5.80	75	84131	20.96	ug/l	100
37) Ethyl Acetate	4.85	43	92011	19.06	ug/l	100
38) Carbon Tetrachloride	5.78	117	82251	19.59	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	107379	21.81	ug/l	96
40) Benzene	6.15	78	247369	20.10	ug/l	98
41) Methacrylonitrile	5.06	41	52589	19.03	ug/l	99
42) 1,2-Dichloroethane	6.20	62	98236	20.09	ug/l	99
43) Isopropyl Acetate	6.46	43	152079	18.55	ug/l	100
44) Trichloroethene	7.21	130	70851	20.75	ug/l	94
45) 1,2-Dichloropropane	7.52	63	66189	19.92	ug/l	98
46) Dibromomethane	7.67	93	43395	19.27	ug/l	99
47) Bromodichloromethane	7.90	83	78002	19.15	ug/l	99
48) Methyl methacrylate	7.78	41	78922	19.17	ug/l	98
49) 1,4-Dioxane	7.76	88	28895	375.29	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	493109	96.59	ug/l	100
52) Toluene	8.79	92	162741	20.79	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	94843	19.42	ug/l	98
54) cis-1,3-Dichloropropene	9.04	75	85517	18.56	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	64916	20.17	ug/l	98
56) Ethyl methacrylate	9.18	69	98757	19.22	ug/l	99
57) 1,3-Dichloropropane	9.37	76	108480	20.09	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	246301	103.55	ug/l	100
59) 2-Hexanone	9.50	43	387590	98.29	ug/l	99
60) Dibromochloromethane	9.59	129	60720	18.75	ug/l	99
61) 1,2-Dibromoethane	9.68	107	67421	20.09	ug/l	98
64) Tetrachloroethene	9.34	164	78462	20.52	ug/l	95
65) Chlorobenzene	10.14	112	188750	20.46	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	64775	19.39	ug/l	99
67) Ethyl Benzene	10.26	91	322670	20.90	ug/l	99
68) m/p-Xylenes	10.36	106	252683	42.10	ug/l	100
69) o-Xylene	10.70	106	122222	20.46	ug/l	98
70) Styrene	10.71	104	200642	20.55	ug/l	100
71) Bromoform	10.86	173	43900	17.12	ug/l #	99
73) Isopropylbenzene	11.02	105	335079	20.32	ug/l	100
74) N-amyl acetate	6.46	43	152079	17.11	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	94097	18.14	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	95252m	18.31	ug/l	
77) Bromobenzene	11.26	156	87969	19.00	ug/l	99
78) n-propylbenzene	11.37	91	386075	21.06	ug/l	99
79) 2-Chlorotoluene	11.43	91	226060	19.53	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	285746	20.20	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	22519	15.17	ug/l	88
82) 4-Chlorotoluene	11.51	91	269633	20.18	ug/l	100
83) tert-Butylbenzene	11.77	119	280238	20.34	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	297299	20.42	ug/l	99
85) sec-Butylbenzene	11.95	105	351885	21.79	ug/l	100
86) p-Isopropyltoluene	12.07	119	318795	21.67	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	167426	20.22	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	168340	19.73	ug/l	100
89) n-Butylbenzene	12.39	91	274425	22.25	ug/l	100
90) Hexachloroethane	12.60	117	40980	17.45	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	167700	19.58	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	19067	16.81	ug/l	99

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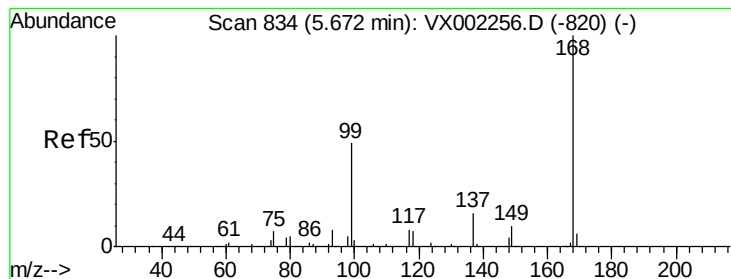
Manual Integrations
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MMDadoda
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	122850	20.46	ug/l	99
94) Hexachlorobutadiene	13.79	225	66743	22.49	ug/l	99
95) Naphthalene	13.84	128	336965	19.53	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	125330	20.46	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002345.D

Acq: 06 Jun 2018 11:48

Instrument :

MSVOA_X

ClientSampled :

VX0606WBS01

Tot Ion:168 Resp: 269850

Ion Ratio Lower Upper

168 100

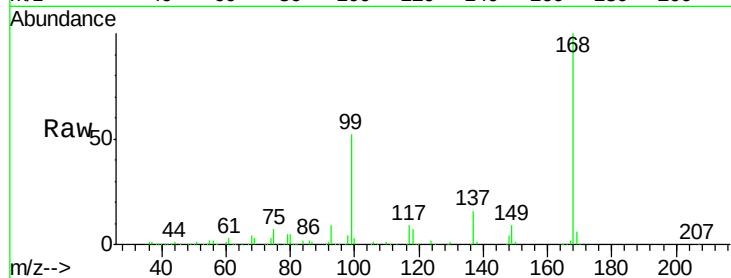
99 51.5 39.3 58.9

Manual Integrations

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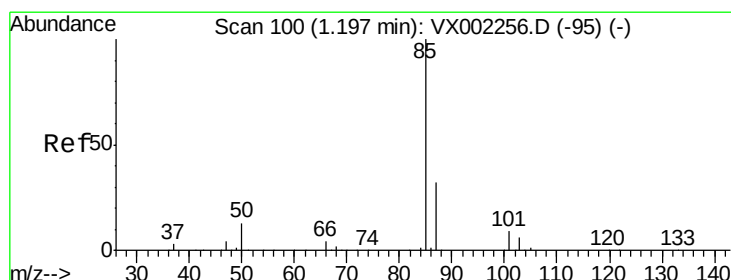
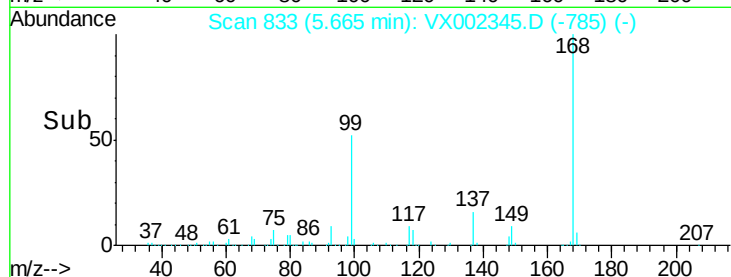
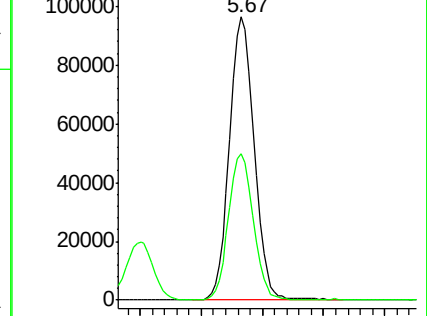
MMDadoda

6/7/2018 11:36:13 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 21.21 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX002345.D

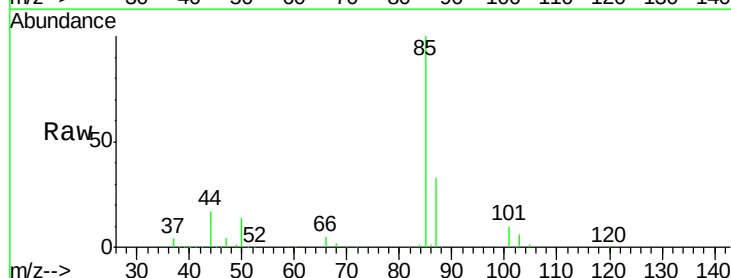
Acq: 06 Jun 2018 11:48

Tgt Ion: 85 Resp: 59504

Ion Ratio Lower Upper

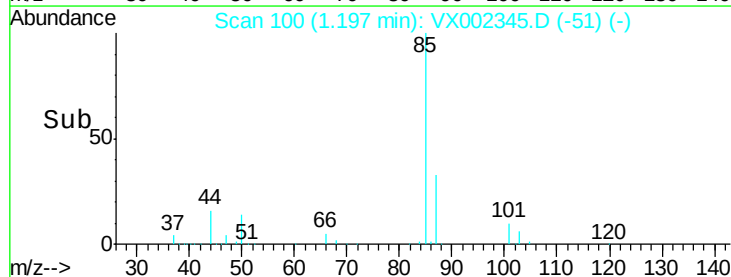
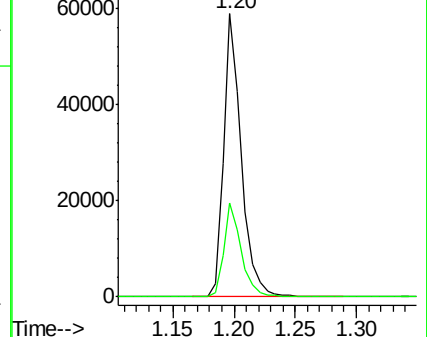
85 100

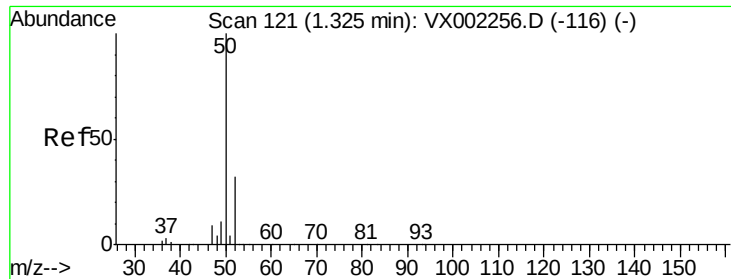
87 33.3 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 18.98 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002345.D

Acq: 06 Jun 2018 11:48

Instrument :

MSVOA_X

ClientSampleId :

VX0606WBS01

Tot Ion: 50 Resp: 66733

Ion Ratio Lower Upper

50 100

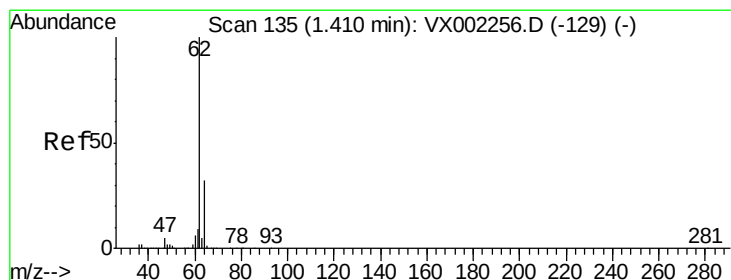
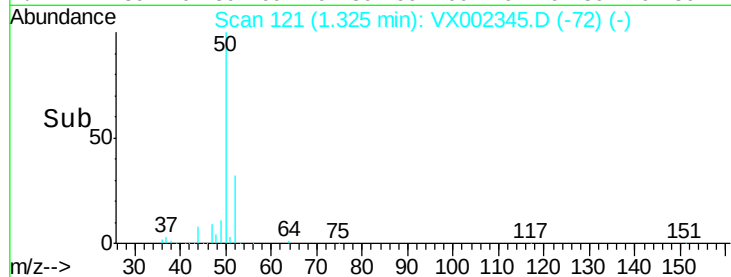
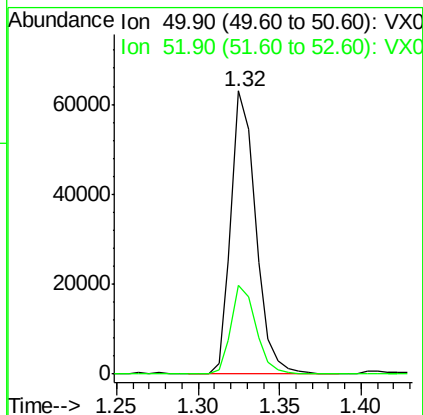
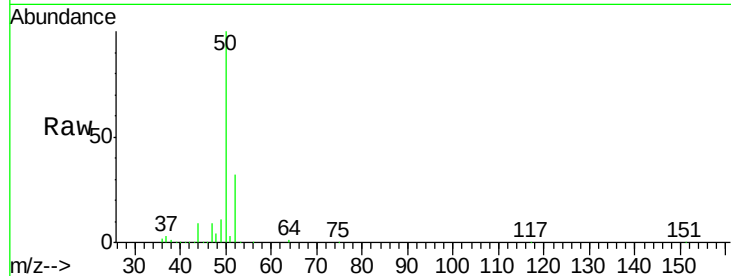
52 31.6 25.7 38.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.70 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX002345.D

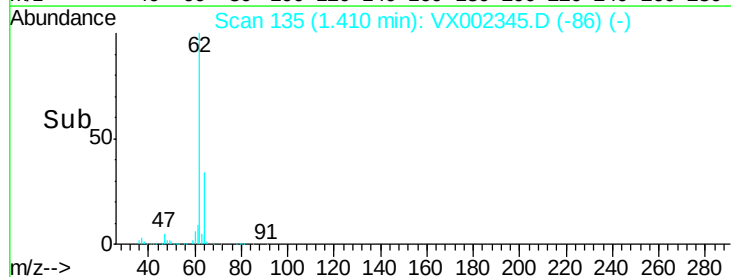
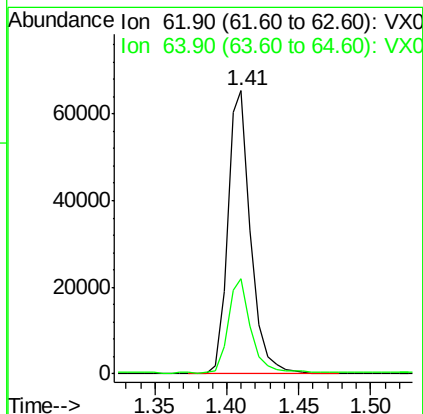
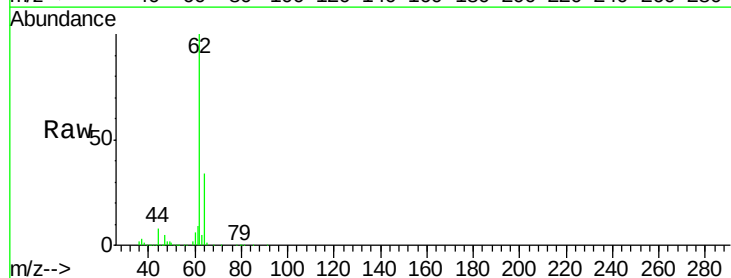
Acq: 06 Jun 2018 11:48

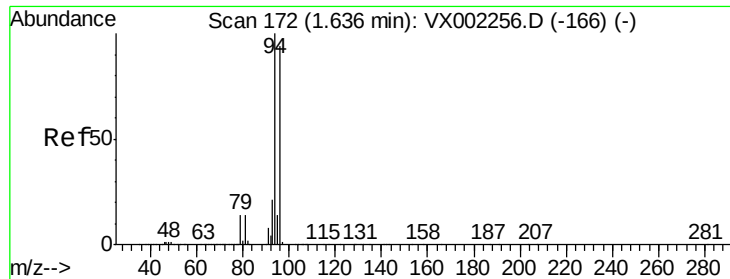
Tgt Ion: 62 Resp: 73197

Ion Ratio Lower Upper

62 100

64 33.0 25.4 38.2





#5

Bromomethane

Concen: 17.45 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX002345.D

Acq: 06 Jun 2018 11:48

Instrument :

MSVOA_X

ClientSampled :

VX0606WBS01

Tot Ion: 94 Resp: 39257

Ion Ratio Lower Upper

94 100

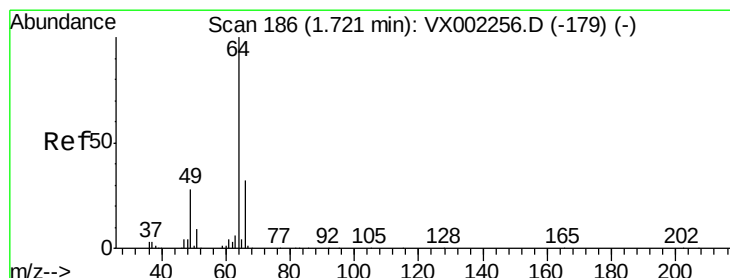
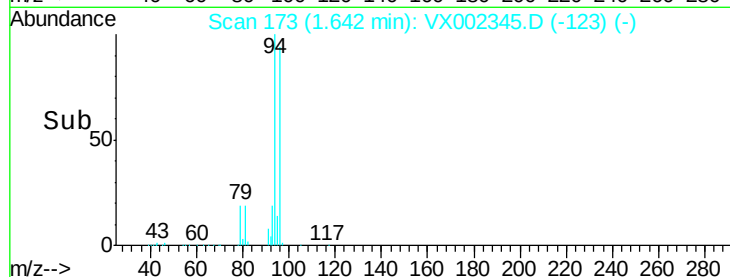
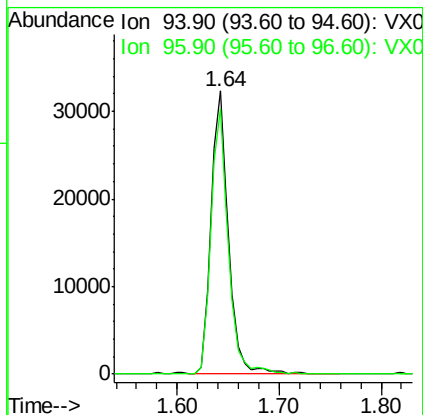
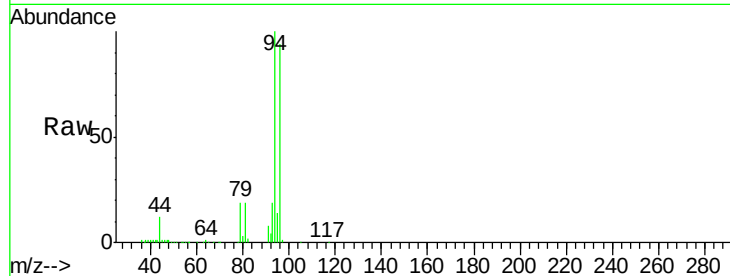
96 94.0 74.9 112.3

Manual Integrations

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#6

Chloroethane

Concen: 20.99 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX002345.D

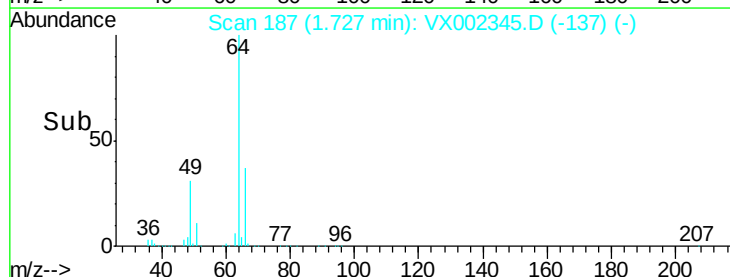
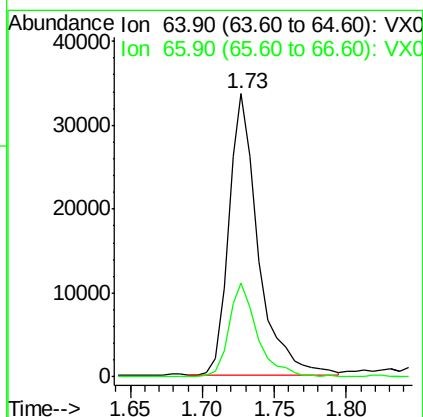
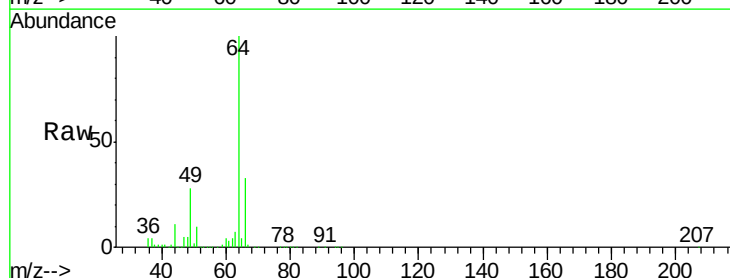
Acq: 06 Jun 2018 11:48

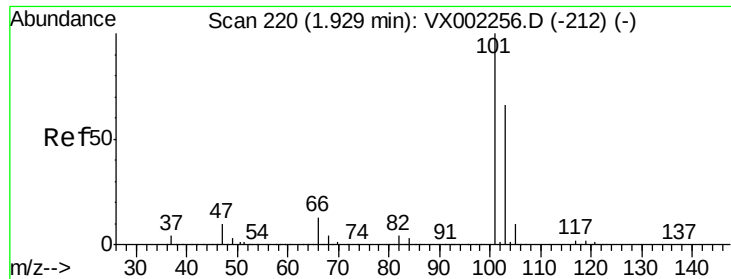
Tgt Ion: 64 Resp: 48011

Ion Ratio Lower Upper

64 100

66 33.1 25.5 38.3





#7

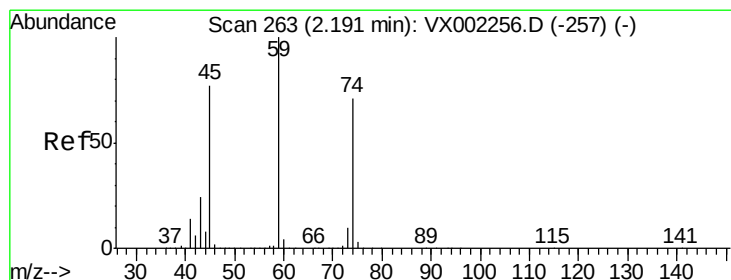
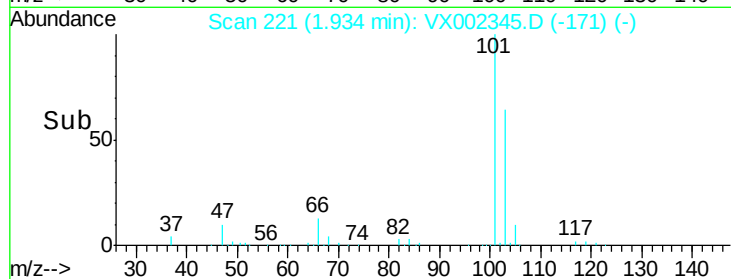
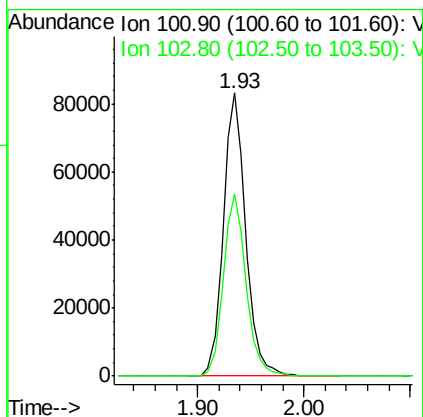
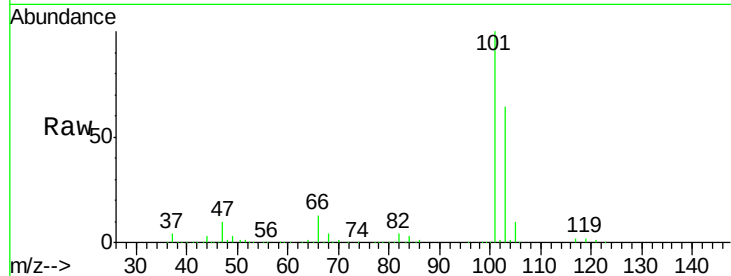
Trichlorofluoromethane
 Concen: 22.62 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. 0.01 min
 Lab File: VX002345.D
 Acq: 06 Jun 2018 11:48

Instrument :
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 ClientSampleId :
 VX0606WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.3	52.8	79.2

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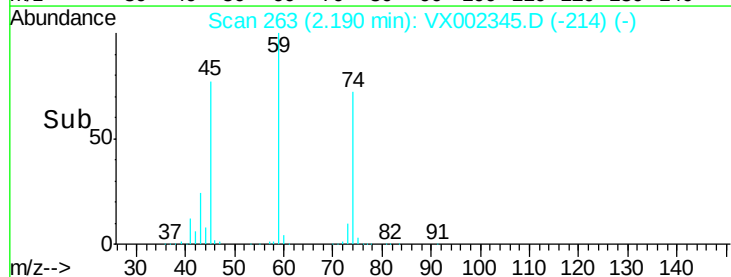
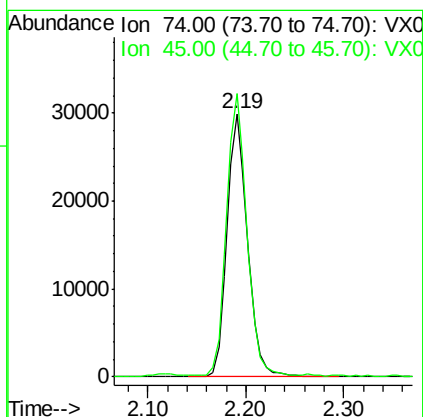
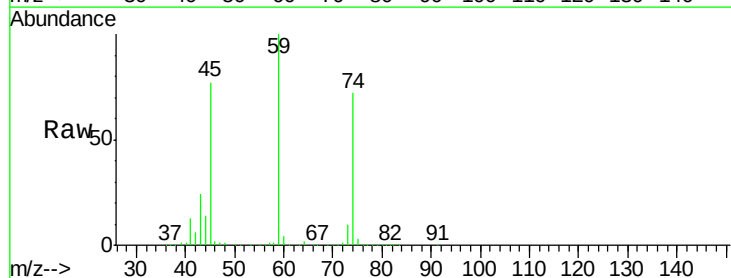
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 6/7/2018 11:36:13 AM

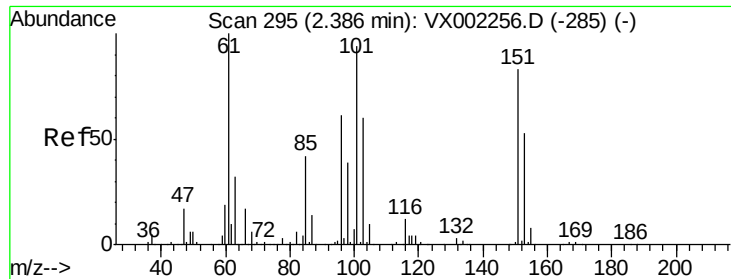


#8

Diethyl Ether
 Concen: 21.34 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX002345.D
 Acq: 06 Jun 2018 11:48

Tgt Ion	Ratio	Lower	Upper
74	100		
45	106.3	53.1	159.4





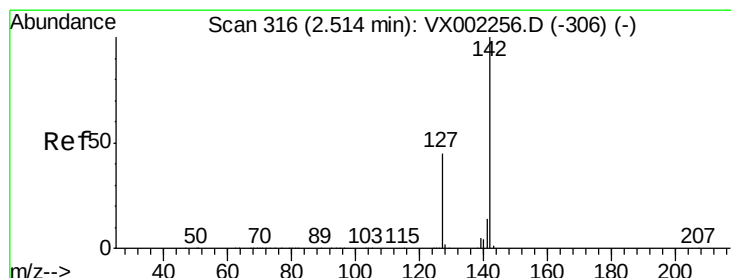
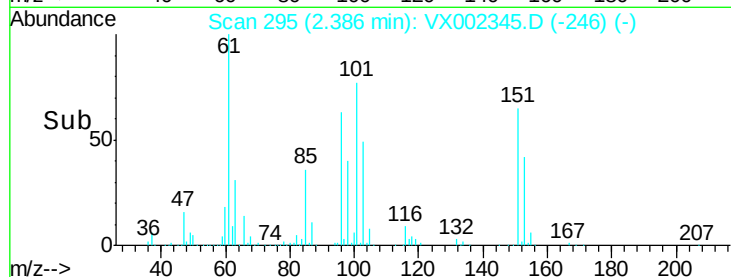
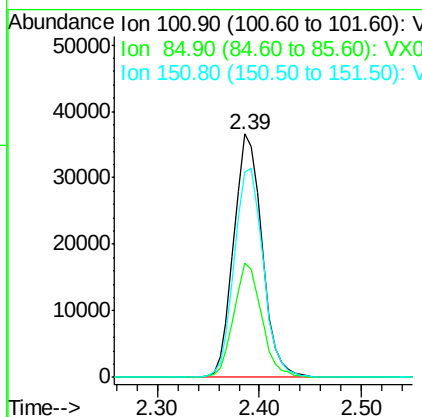
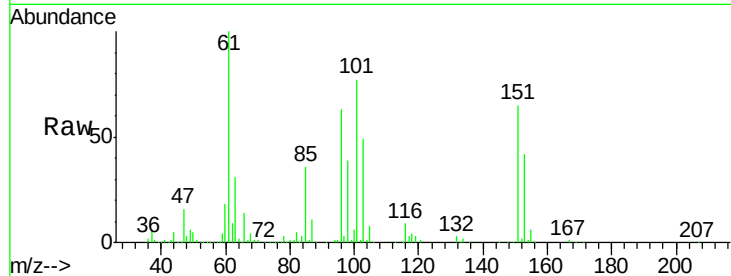
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 24.25 ug/l
 RT: 2.39 min Scan# 295
 Delta R.T. -0.00 min
 Lab File: VX002345.D
 Acq: 06 Jun 2018 11:48

Instrument :
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 VX0606WBS01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	70491		
85	46.1		36.0	54.0
151	88.0		70.9	106.3

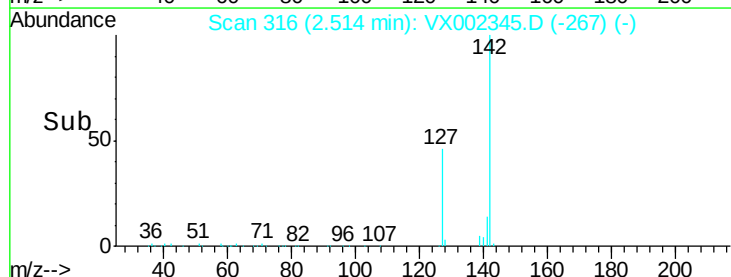
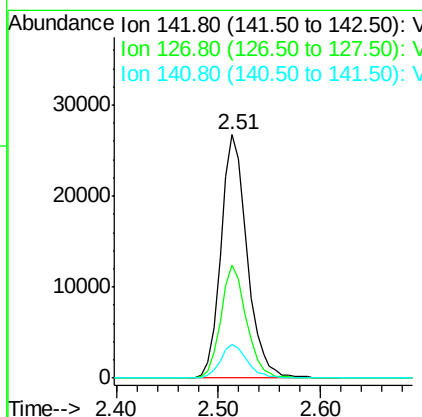
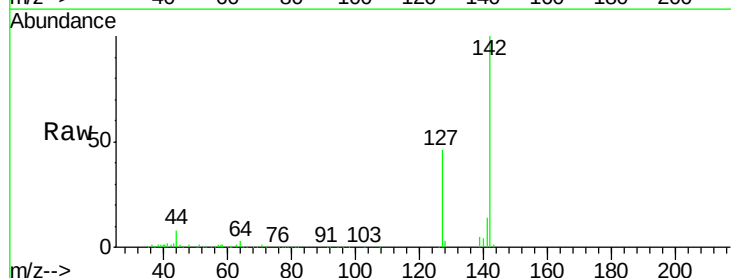
Manual Integrations
 APPROVED

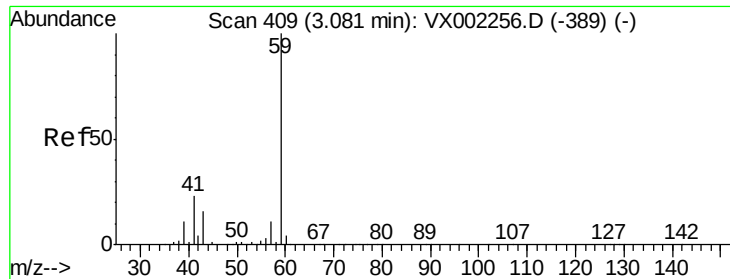
MMDadoda
 6/7/2018 11:36:13 AM



#10
 Methyl Iodide
 Concen: 11.64 ug/l
 RT: 2.51 min Scan# 316
 Delta R.T. -0.00 min
 Lab File: VX002345.D
 Acq: 06 Jun 2018 11:48

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	47584		
127	45.5		36.6	55.0
141	14.1		11.3	16.9





#11

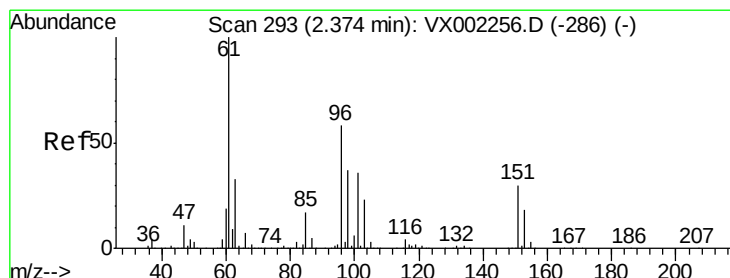
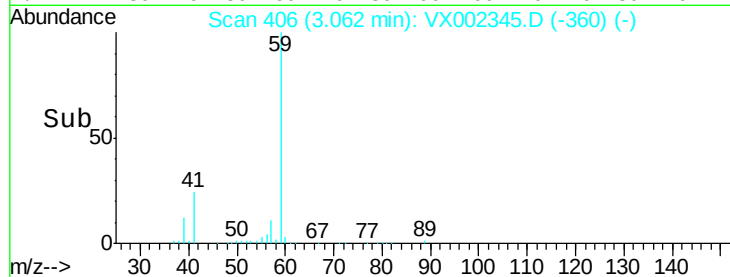
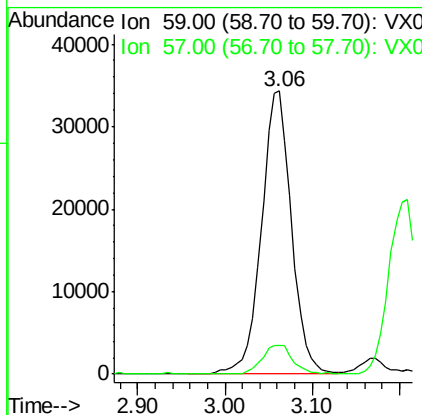
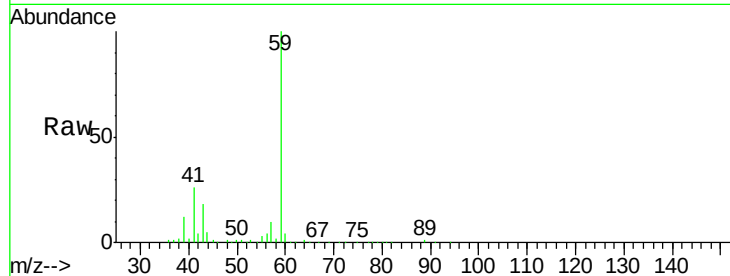
Tert butyl alcohol
Concen: 91.43 ug/l
RT: 3.06 min Scan# 406
Delta R.T. -0.02 min
Lab File: VX002345.D
Acq: 06 Jun 2018 11:48

Instrument :
MSVOA_X
ClientSampled :
VX0606WBS01

Tot Ion	59	Resp	82233
Ion Ratio	100	Lower	Upper
57	10.9	8.2	12.2

Manual Integrations
APPROVED

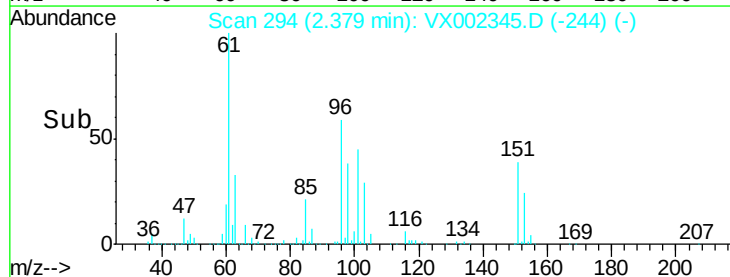
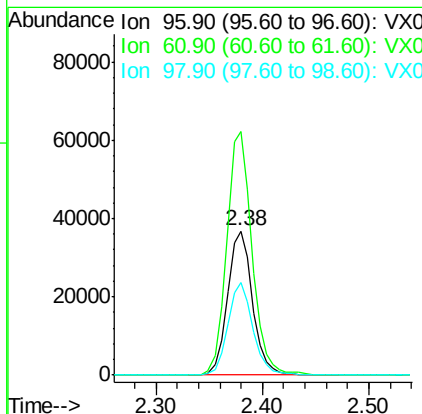
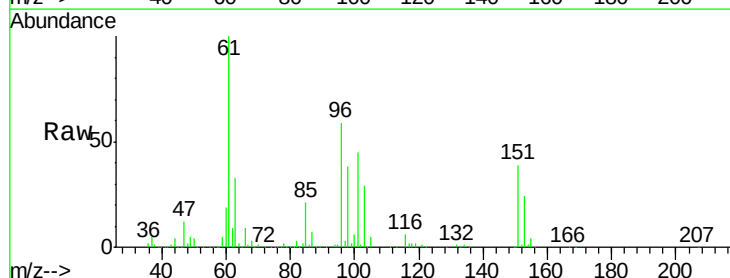
MMDadoda
6/7/2018 11:36:13 AM

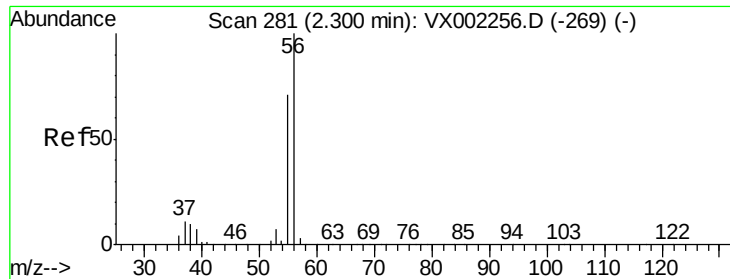


#12

1,1-Dichloroethene
Concen: 21.08 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.01 min
Lab File: VX002345.D
Acq: 06 Jun 2018 11:48

Tgt Ion	96	Resp	60543
Ion Ratio	100	Lower	Upper
61	168.6	137.9	206.9
98	64.2	51.6	77.4





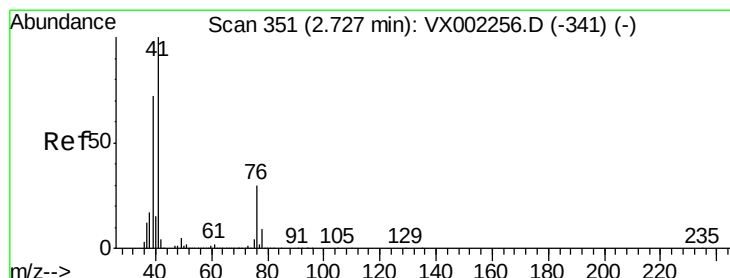
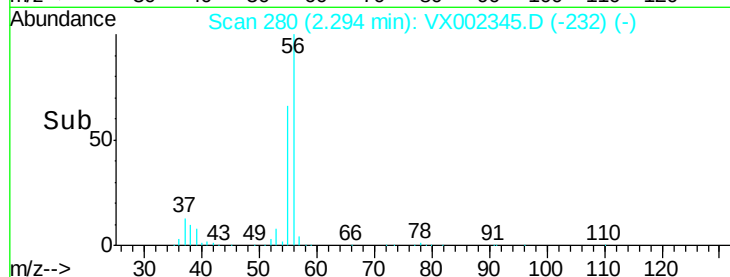
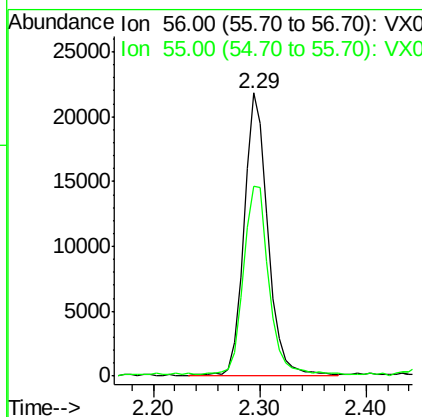
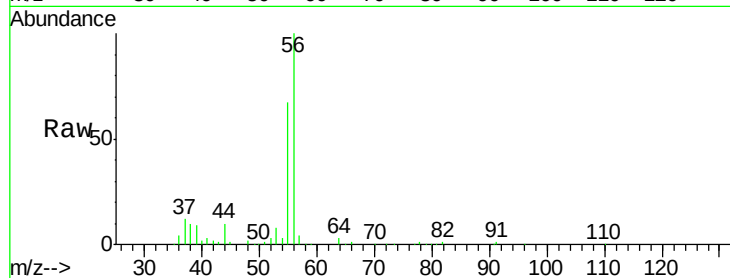
#13
Acrolein
Concen: 83.33 ug/l
RT: 2.29 min Scan# 280
Delta R.T. -0.01 min
Lab File: VX002345.D
Acq: 06 Jun 2018 11:48

Instrument :
MSVOA_X
ClientSampled :
VX0606WBS01

Tot Ion: 56 Resp: 34419
Ion Ratio Lower Upper
56 100
55 70.2 57.0 85.4

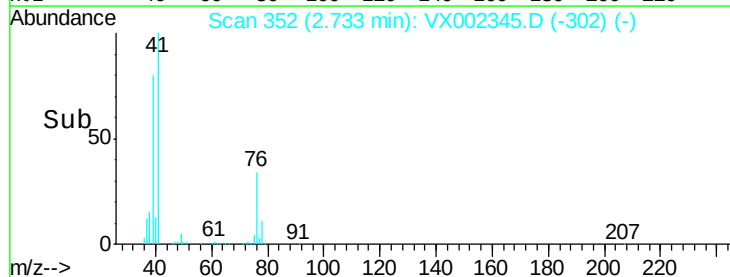
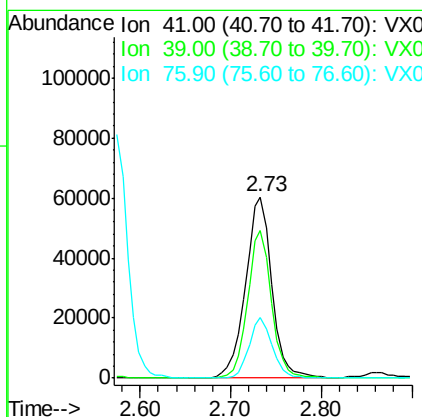
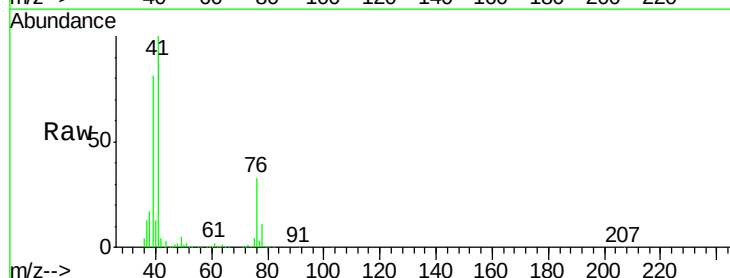
Manual Integrations
APPROVED

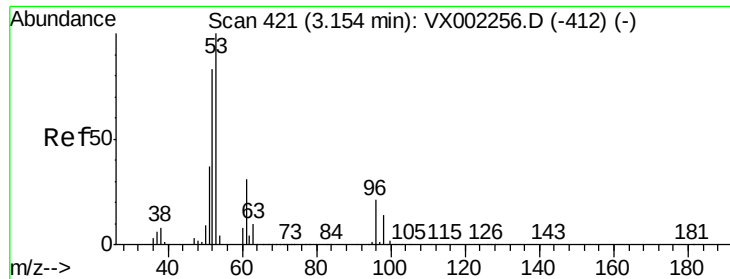
MMDadoda
6/7/2018 11:36:13 AM



#14
Allyl chloride
Concen: 19.32 ug/l
RT: 2.73 min Scan# 352
Delta R.T. 0.01 min
Lab File: VX002345.D
Acq: 06 Jun 2018 11:48

Tgt Ion: 41 Resp: 120433
Ion Ratio Lower Upper
41 100
39 73.4 56.8 85.2
76 29.7 23.8 35.8





#15

Acrylonitrile

Concen: 104.17 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX002345.D

Acq: 06 Jun 2018 11:48

Instrument :

MSVOA_X

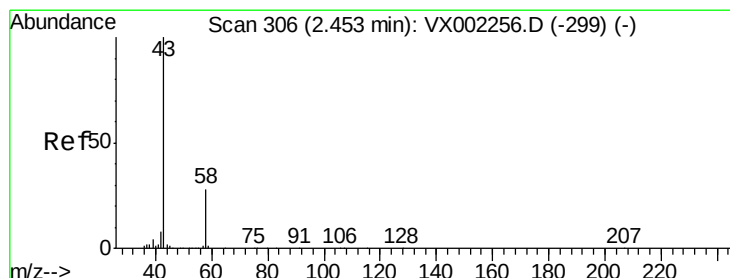
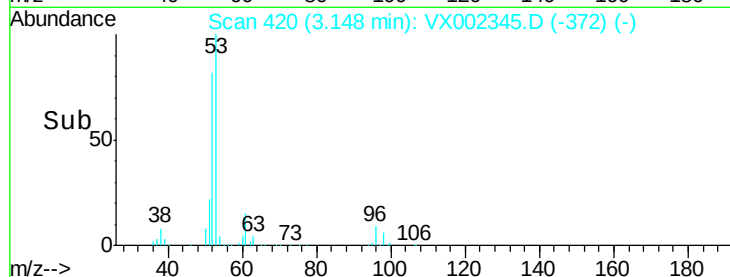
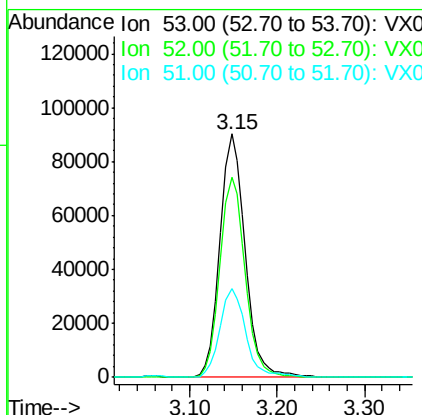
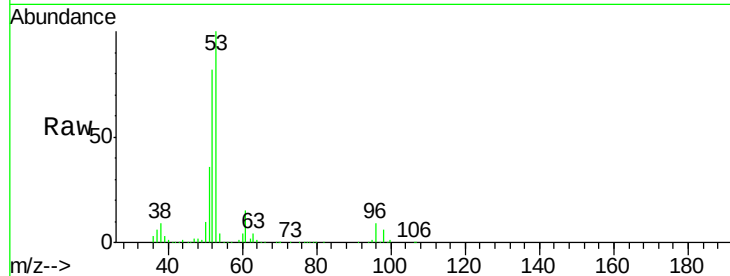
ClientSampled :

VX0606WBS01

Tot Ion:	53	Resp:	180363
Ion Ratio	Lower	Upper	
53	100		
52	82.2	66.7	100.1
51	37.2	29.9	44.9

Manual Integrations
APPROVED

MMDadoda
6/7/2018 11:36:13 AM



#16

Acetone

Concen: 112.62 ug/l

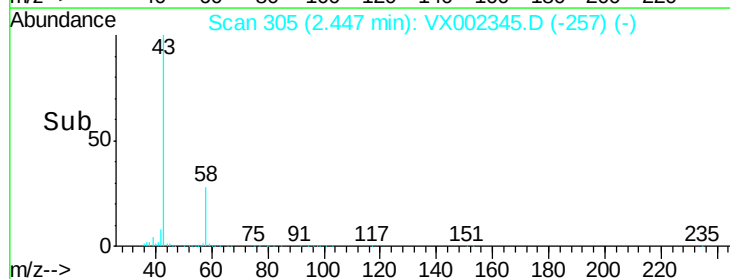
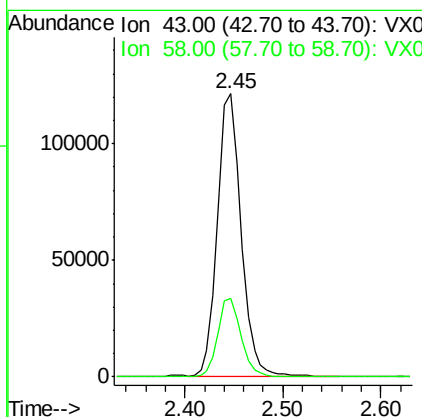
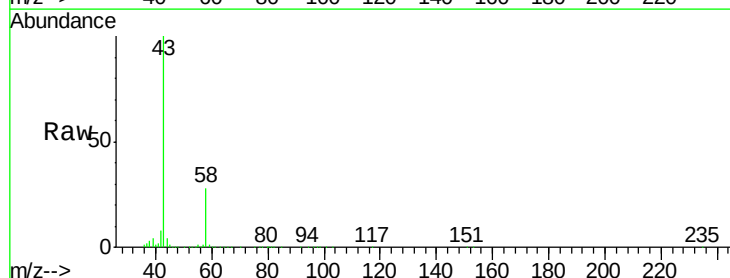
RT: 2.45 min Scan# 305

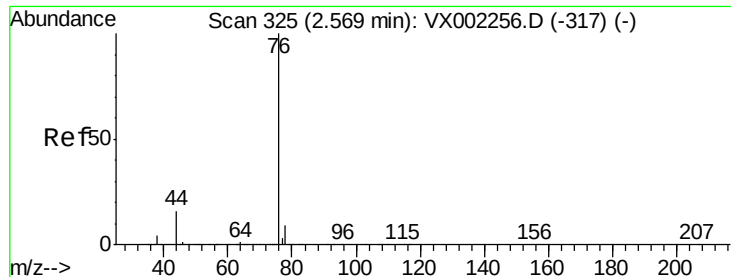
Delta R.T. -0.01 min

Lab File: VX002345.D

Acq: 06 Jun 2018 11:48

Tgt Ion:	43	Resp:	204389
Ion Ratio	Lower	Upper	
43	100		
58	27.7	22.1	33.1





#17

Carbon Disulfide

Concen: 17.84 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.01 min

Lab File: VX002345.D

Acq: 06 Jun 2018 11:48

Instrument :

MSVOA_X

ClientSampled :

VX0606WBS01

Tot Ion: 76 Resp: 135101

Ion Ratio Lower Upper

76 100

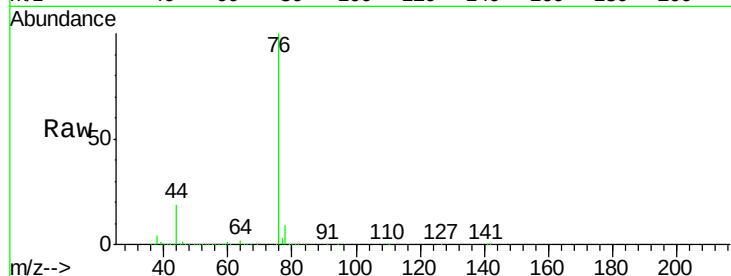
78 9.1 6.9 10.3

Manual Integrations

APPROVED

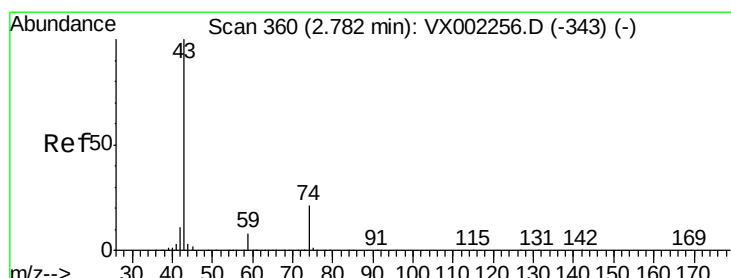
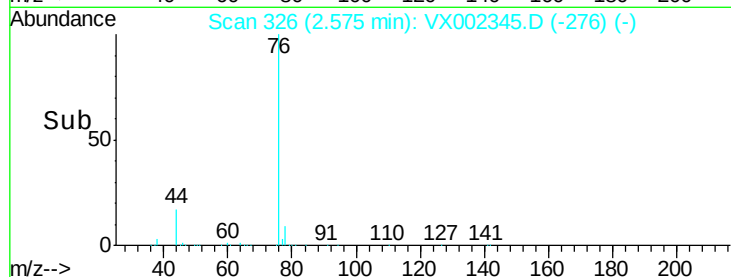
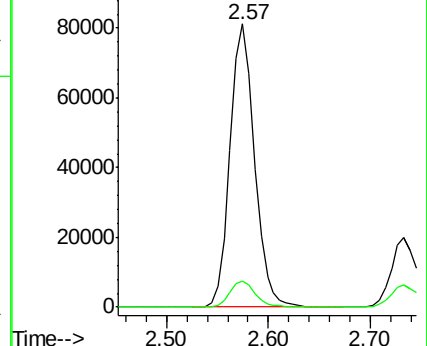
MMDadoda

6/7/2018 11:36:13 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 20.63 ug/l

RT: 2.78 min Scan# 359

Delta R.T. -0.01 min

Lab File: VX002345.D

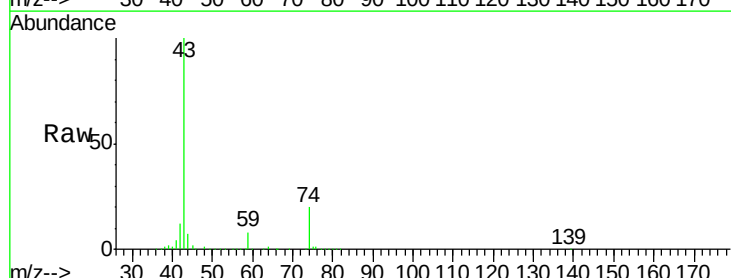
Acq: 06 Jun 2018 11:48

Tgt Ion: 43 Resp: 85877

Ion Ratio Lower Upper

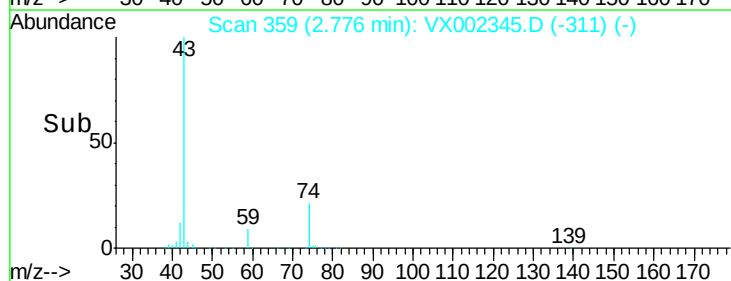
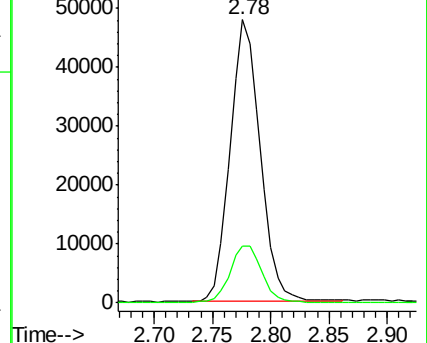
43 100

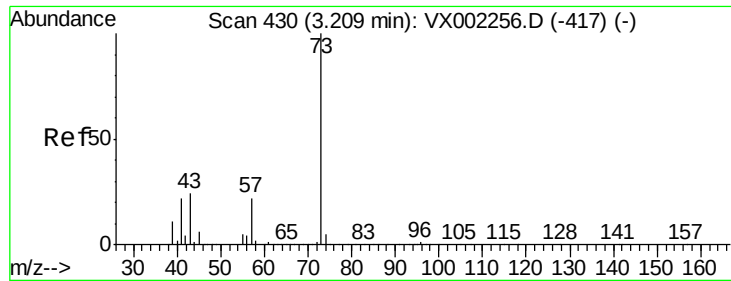
74 22.0 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





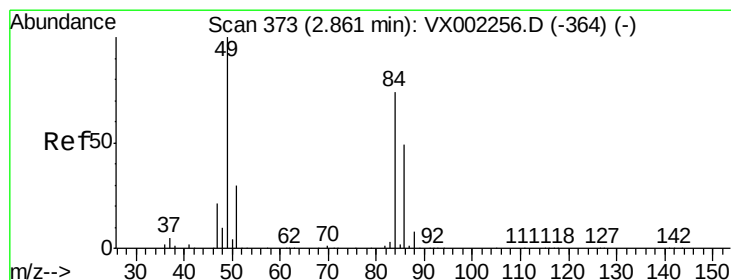
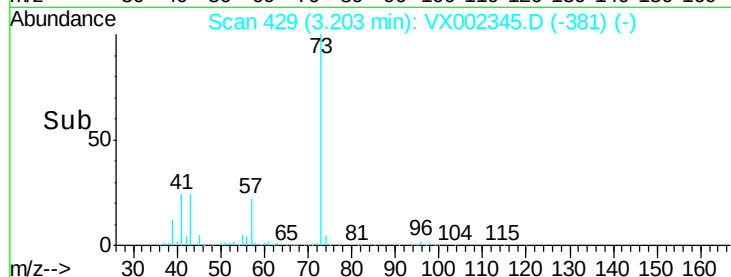
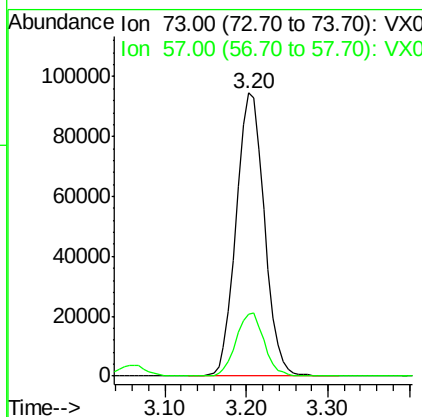
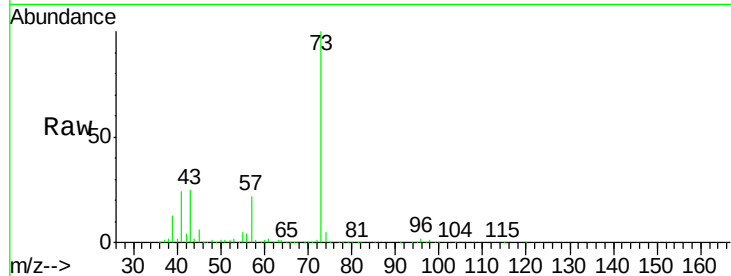
#19
Methyl tert-butyl Ether
Concen: 21.21 ug/l
RT: 3.20 min Scan# 429
Delta R.T. -0.01 min
Lab File: VX002345.D
Acq: 06 Jun 2018 11:48

Instrument :
MSVOA_X
ClientSampled :
VX0606WBS01

Tot Ion: 73 Resp: 225914
Ion Ratio Lower Upper
73 100
57 21.9 17.7 26.5

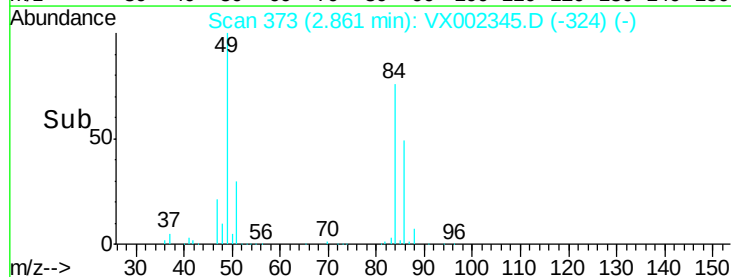
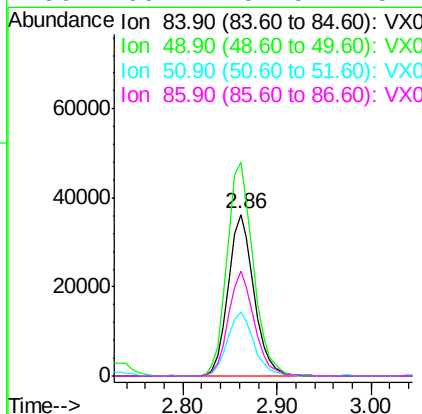
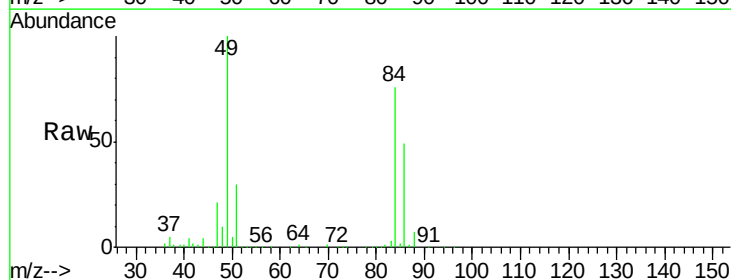
Manual Integrations
APPROVED

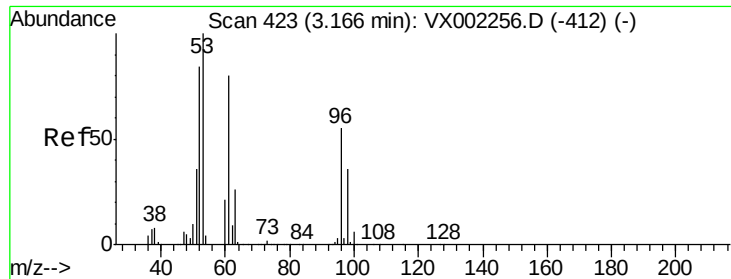
MMDadoda
6/7/2018 11:36:13 AM



#20
Methylene Chloride
Concen: 20.94 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002345.D
Acq: 06 Jun 2018 11:48

Tgt Ion: 84 Resp: 68800
Ion Ratio Lower Upper
84 100
49 132.3 107.8 161.6
51 39.8 32.8 49.2
86 65.1 52.5 78.7





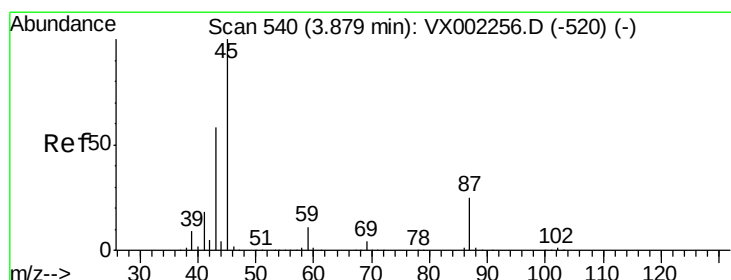
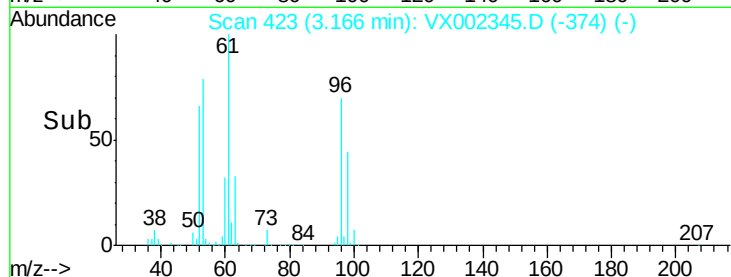
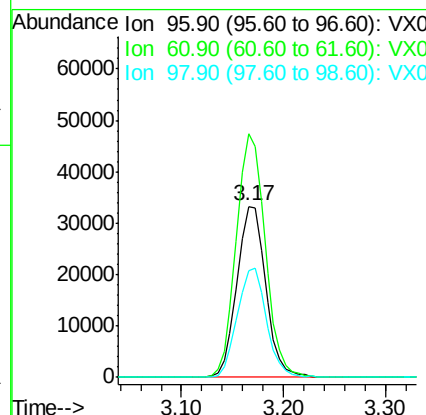
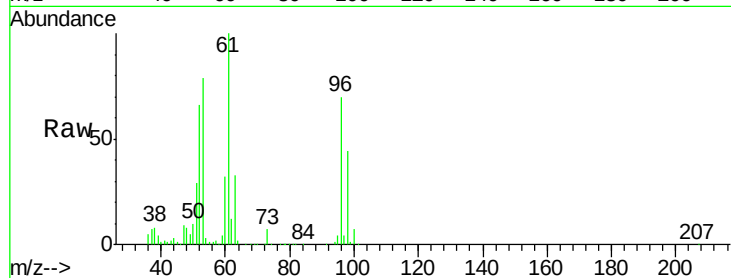
#21
trans-1,2-Dichloroethene
Concen: 20.52 ug/l
RT: 3.17 min Scan# 423
Delta R.T. -0.00 min
Lab File: VX002345.D
Acq: 06 Jun 2018 11:48

Instrument :
MSVOA_X
ClientSampleId :
VX0606WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	142.7	117.0	175.4
98	62.6	52.4	78.6

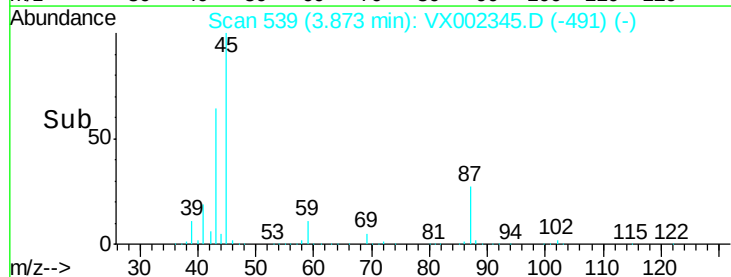
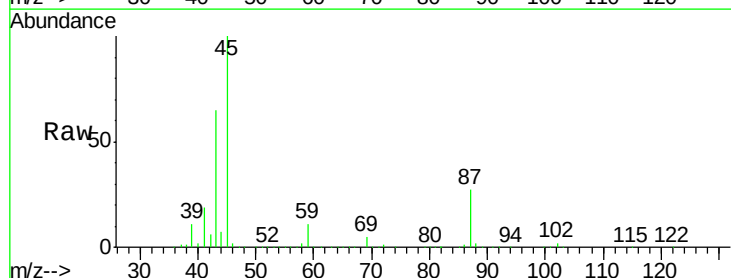
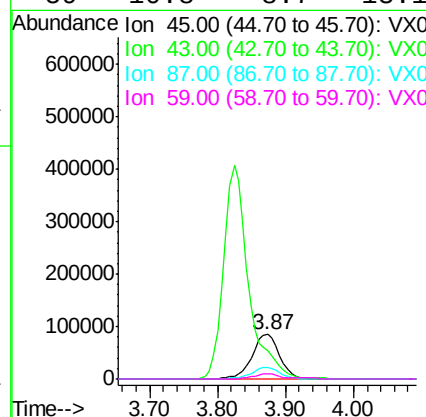
Manual Integrations
APPROVED

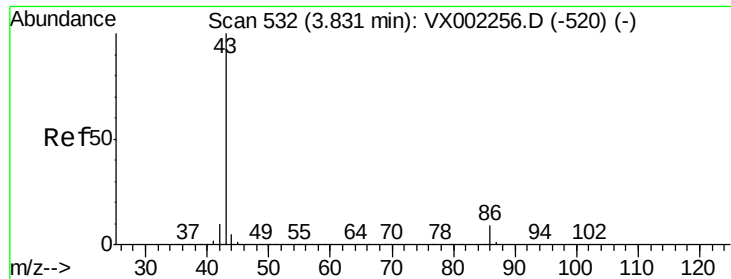
MMDadoda
6/7/2018 11:36:13 AM



#22
Diisopropyl ether
Concen: 22.53 ug/l
RT: 3.87 min Scan# 539
Delta R.T. -0.01 min
Lab File: VX002345.D
Acq: 06 Jun 2018 11:48

Tgt Ion	Ratio	Lower	Upper
45	100		
43	64.4	46.8	70.2
87	26.6	20.2	30.4
59	10.8	8.7	13.1





#23

Vinyl Acetate

Concen: 103.20 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX002345.D

Acq: 06 Jun 2018 11:48

Instrument :

MSVOA_X

ClientSampleId :

VX0606WBS01

Tot Ion: 43 Resp: 1042985

Ion Ratio Lower Upper

43 100

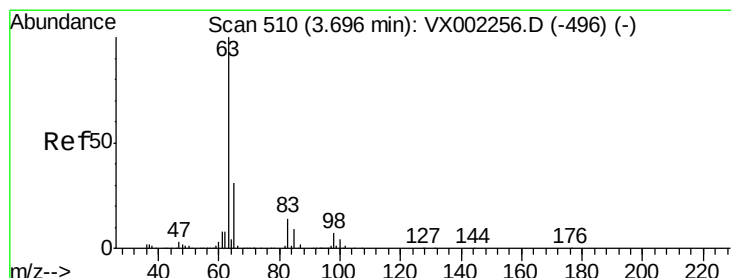
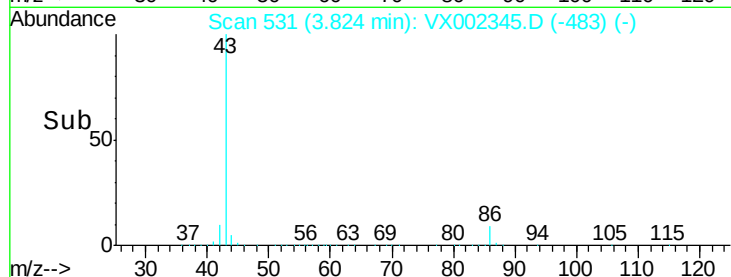
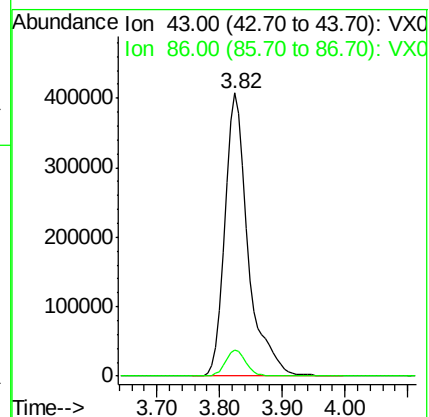
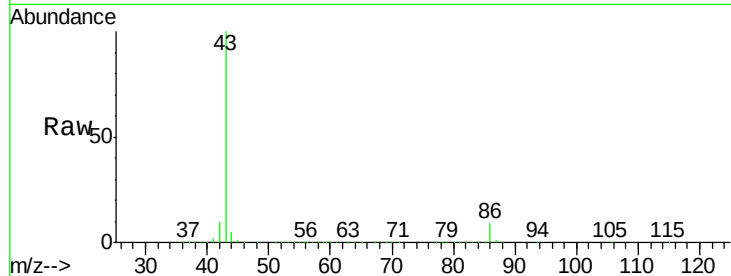
86 9.2 7.4 11.0

Manual Integrations

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MMDadoda

6/7/2018 11:36:13 AM



#24

1,1-Dichloroethane

Concen: 20.75 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX002345.D

Acq: 06 Jun 2018 11:48

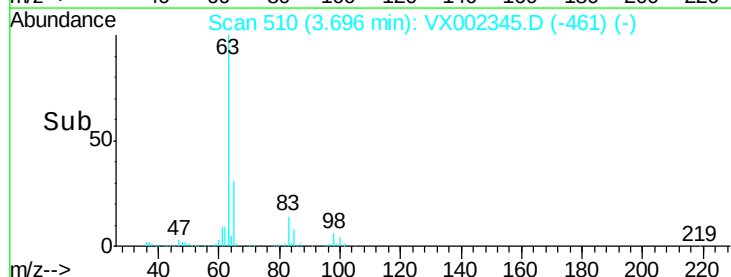
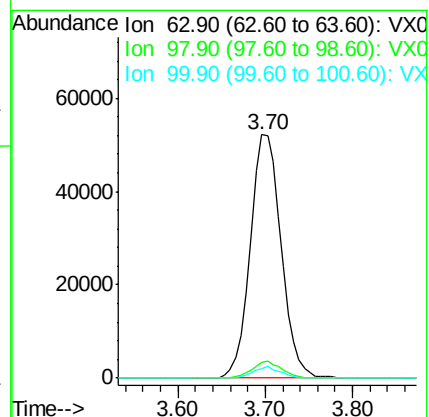
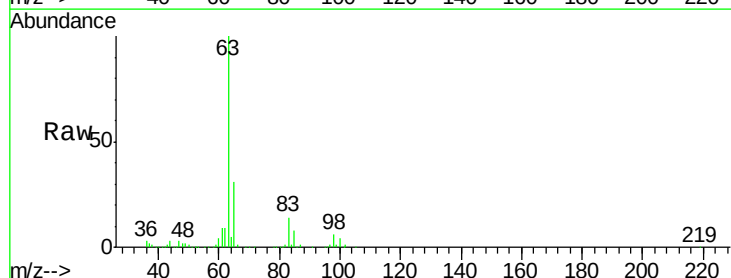
Tgt Ion: 63 Resp: 127836

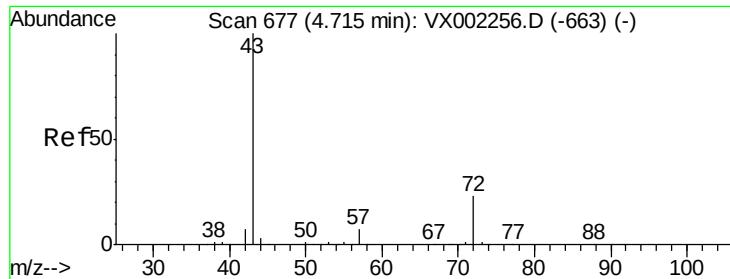
Ion Ratio Lower Upper

63 100

98 6.3 3.4 10.2

100 4.1 2.0 6.0





#25

2-Butanone

Concen: 91.46 ug/l

RT: 4.70 min Scan# 675

Delta R.T. -0.01 min

Lab File: VX002345.D

Acq: 06 Jun 2018 11:48

Instrument :

MSVOA_X

ClientSampleId :

VX0606WBS01

Tot Ion: 43 Resp: 241994

Ion Ratio Lower Upper

43 100

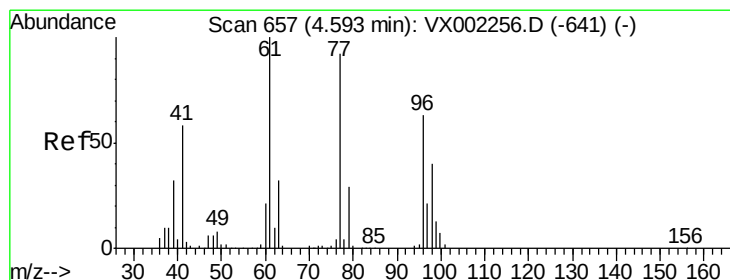
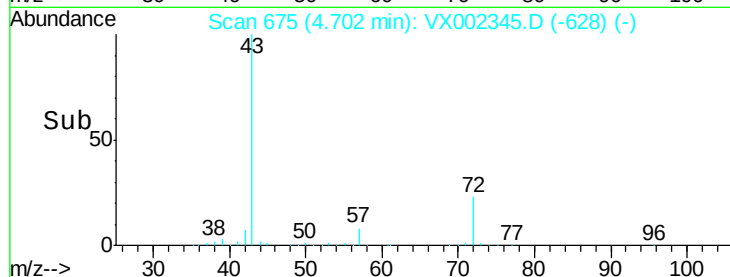
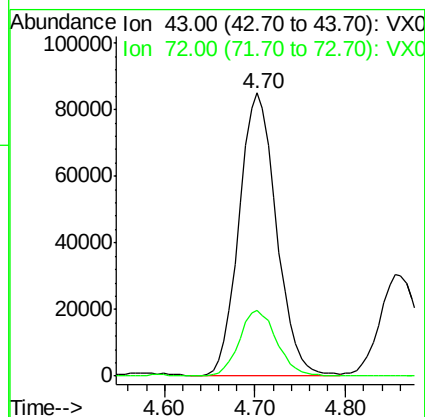
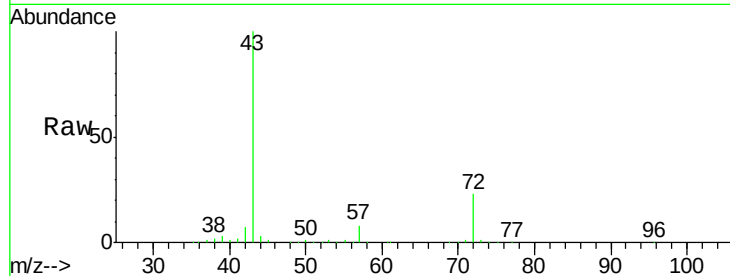
72 23.1 18.5 27.7

Manual Integrations

APPROVED

MMDadoda

6/7/2018 11:36:13 AM



#26

2,2-Dichloropropane

Concen: 18.05 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX002345.D

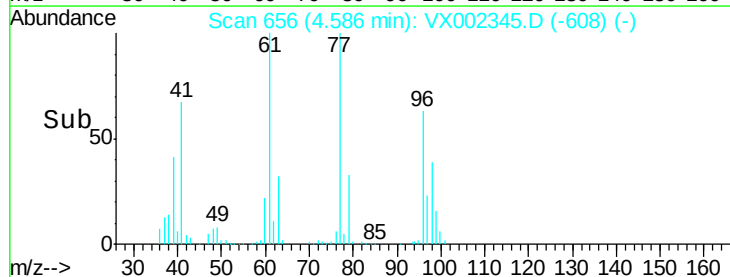
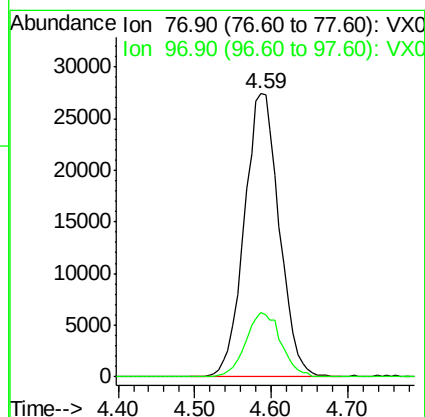
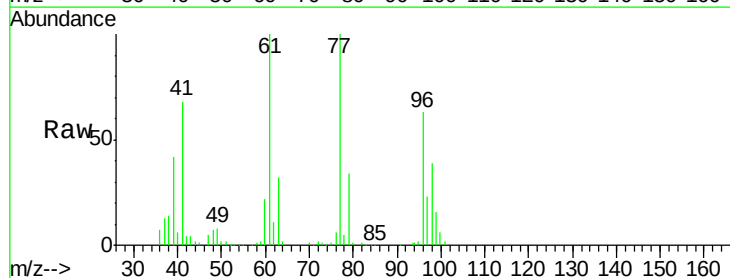
Acq: 06 Jun 2018 11:48

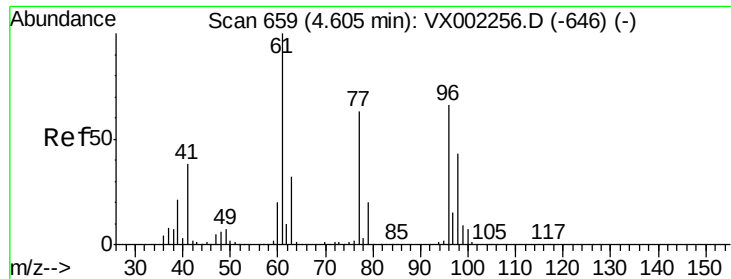
Tgt Ion: 77 Resp: 86936

Ion Ratio Lower Upper

77 100

97 23.1 11.2 33.5





#27

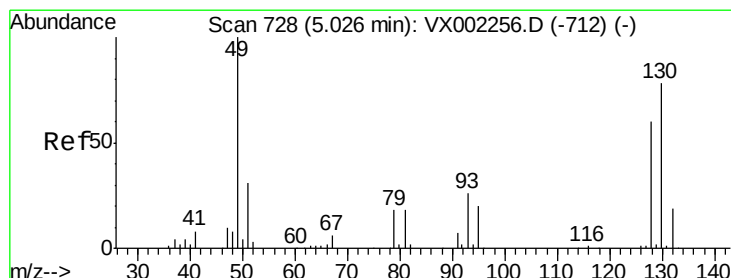
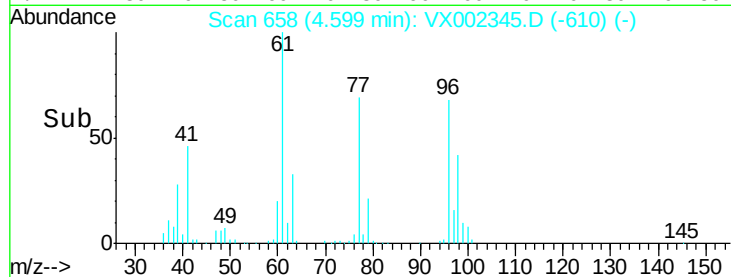
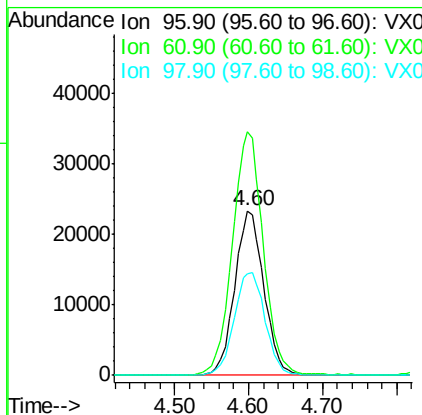
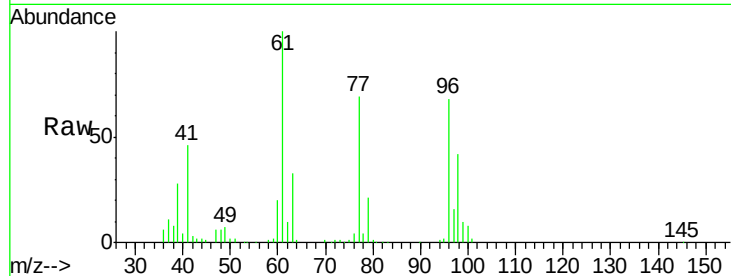
cis-1,2-Dichloroethene
Concen: 18.64 ug/l
RT: 4.60 min Scan# 658
Delta R.T. -0.01 min
Lab File: VX002345.D
Acq: 06 Jun 2018 11:48

Instrument :
MSVOA_X
ClientSampleId :
VX0606WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	156.3	0.0	330.2
98	66.1	0.0	130.2

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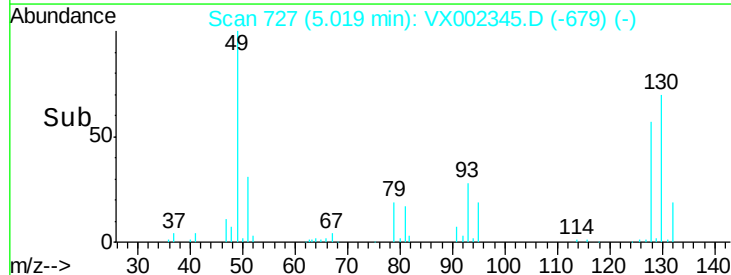
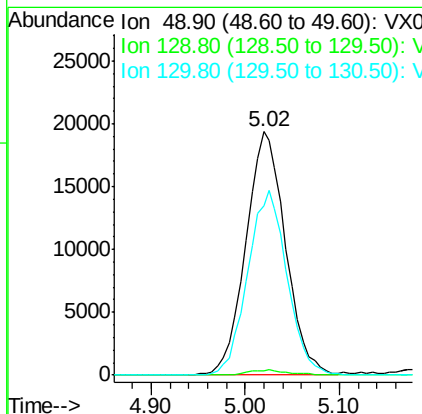
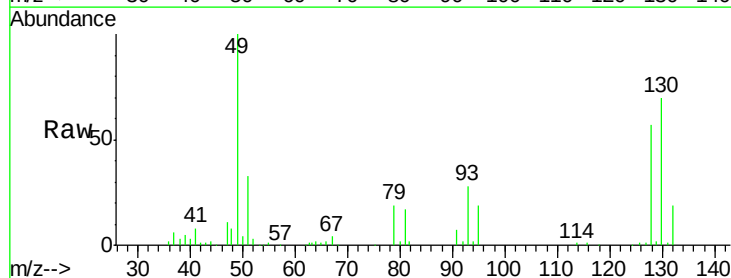
MMDadoda
6/7/2018 11:36:13 AM

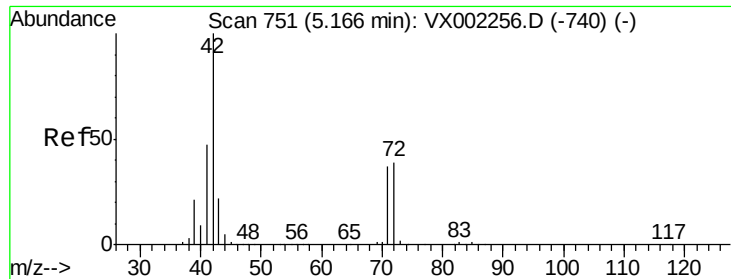


#28

Bromochloromethane
Concen: 19.65 ug/l
RT: 5.02 min Scan# 727
Delta R.T. -0.01 min
Lab File: VX002345.D
Acq: 06 Jun 2018 11:48

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.2
130	74.9	61.2	91.8





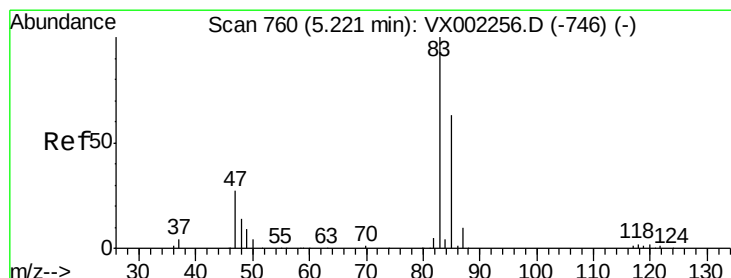
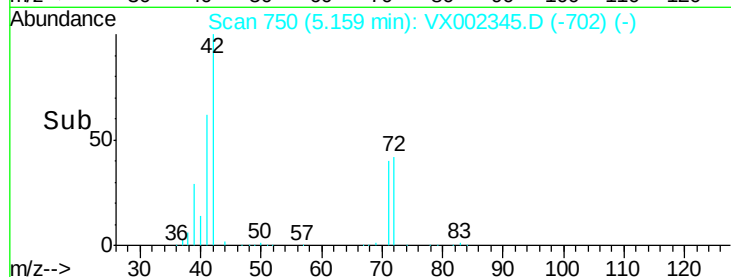
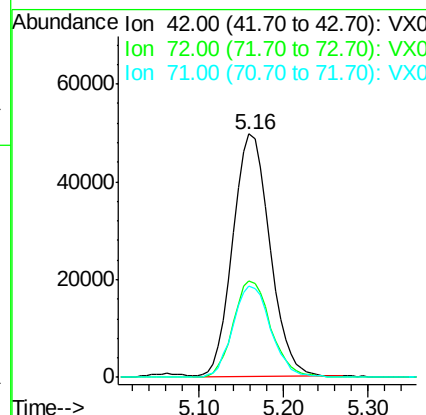
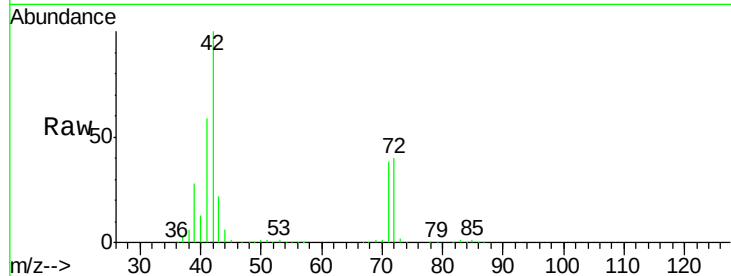
#29
Tetrahydrofuran
Concen: 86.73 ug/l
RT: 5.16 min Scan# 750
Delta R.T. -0.01 min
Lab File: VX002345.D
Acq: 06 Jun 2018 11:48

Instrument :
MSVOA_X
ClientSampleId :
VX0606WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.7	32.0	48.0
71	38.6	30.1	45.1

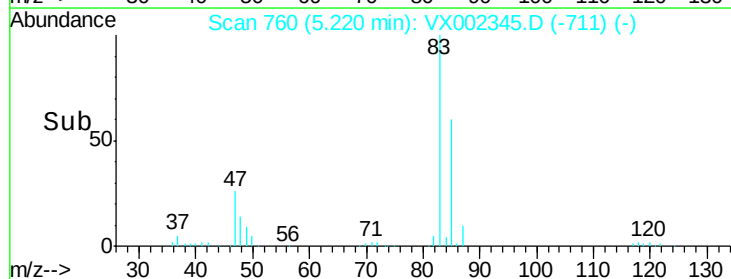
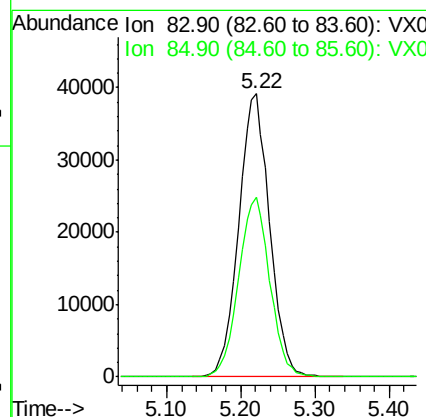
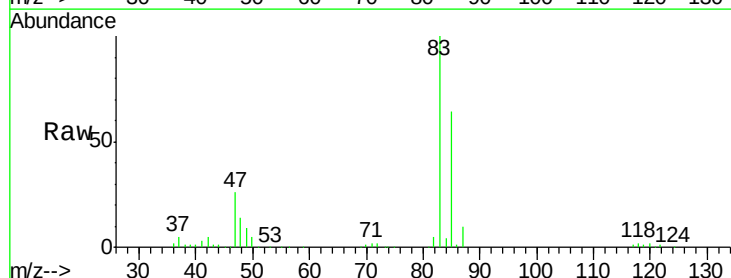
Manual Integrations
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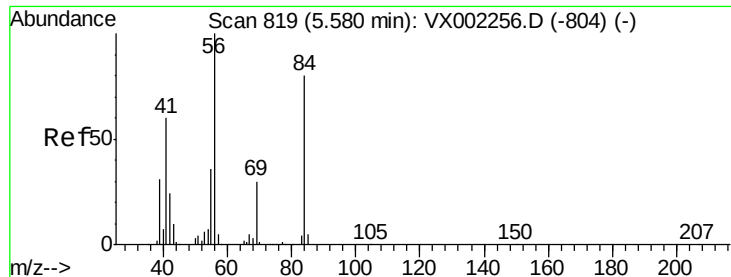
MMDadoda
6/7/2018 11:36:13 AM



#30
Chloroform
Concen: 19.12 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX002345.D
Acq: 06 Jun 2018 11:48

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.6	50.4	75.6





#31

Cyclohexane

Concen: 20.96 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX002345.D

Acq: 06 Jun 2018 11:48

Instrument :

MSVOA_X

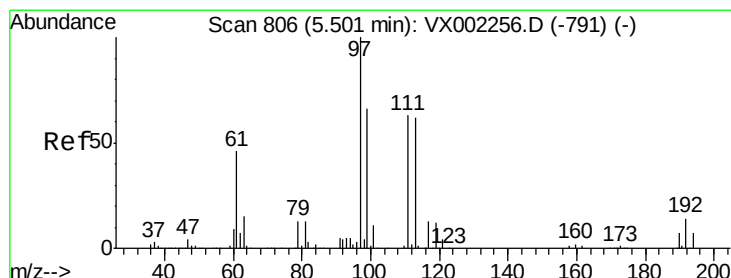
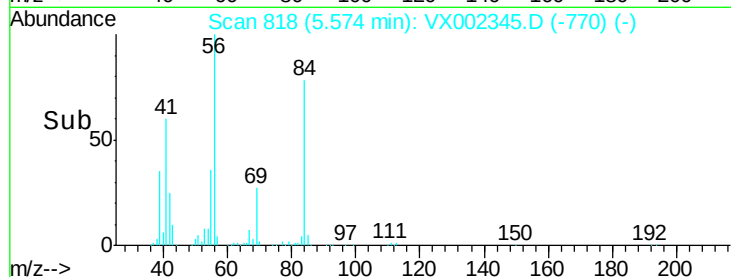
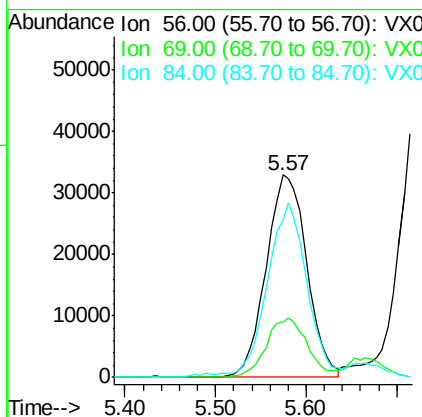
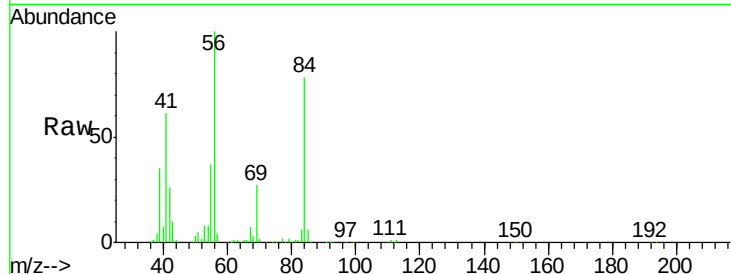
ClientSampled :

VX0606WBS01

Tot Ion:	56	Resp:	102105
Ion Ratio		Lower	Upper
56	100		
69	27.3	23.7	35.5
84	77.6	64.1	96.1

Manual Integrations
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6/7/2018 11:36:13 AM



#32

1,1,1-Trichloroethane

Concen: 19.19 ug/l

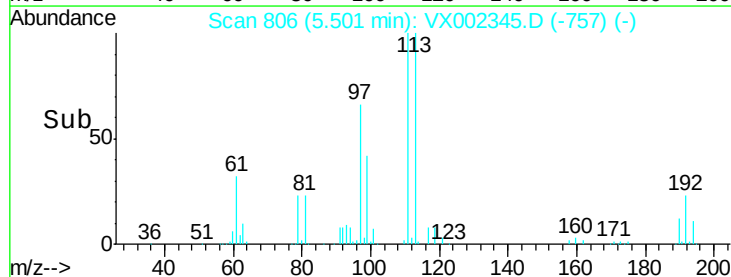
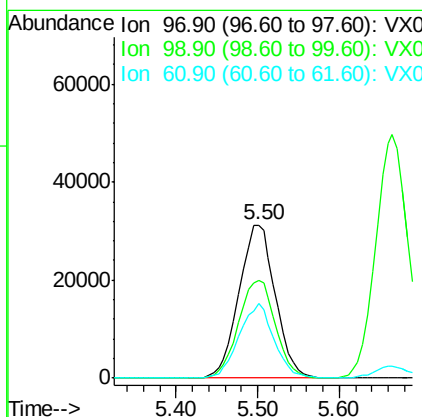
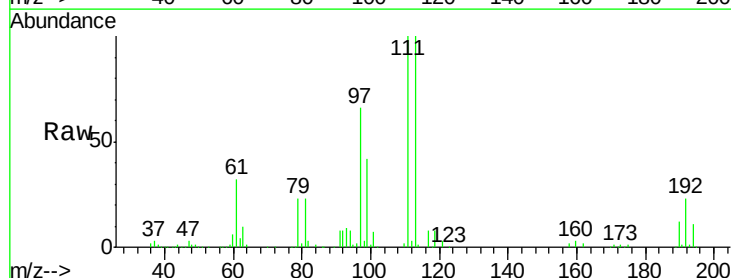
RT: 5.50 min Scan# 806

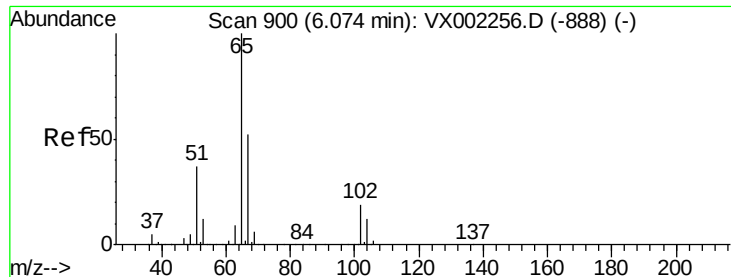
Delta R.T. -0.00 min

Lab File: VX002345.D

Acq: 06 Jun 2018 11:48

Tgt Ion:	97	Resp:	96743
Ion Ratio		Lower	Upper
97	100		
99	65.0	51.6	77.4
61	47.0	36.4	54.6





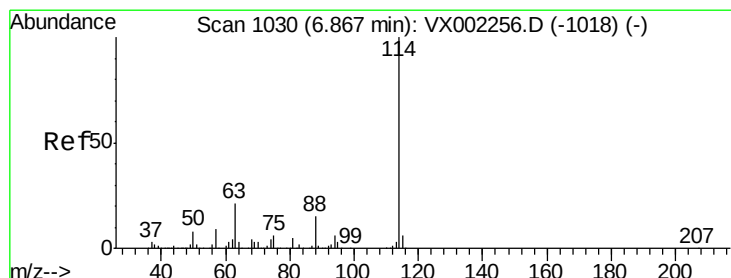
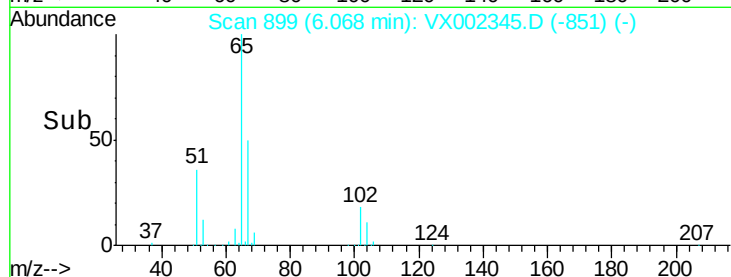
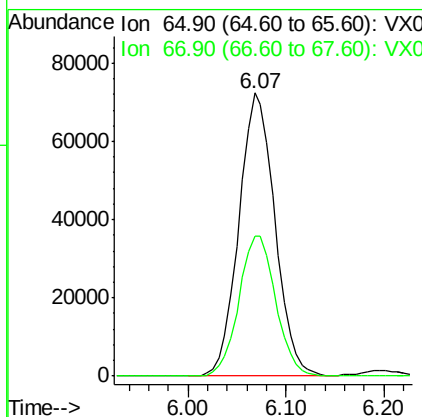
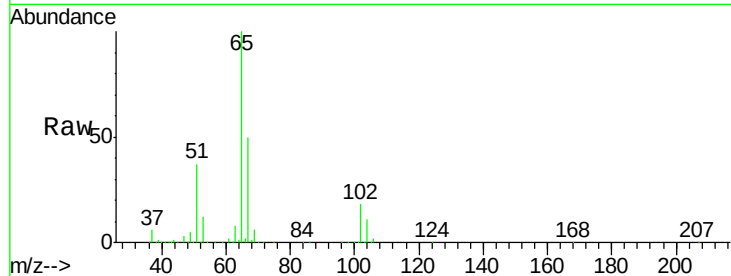
#33
 1,2-Dichloroethane-d4
 Concen: 47.73 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VX002345.D
 Acq: 06 Jun 2018 11:48

Instrument :
 MSVOA_X
 ClientSampled :
 VX0606WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	184777		
67	50.6	0.0	102.6	

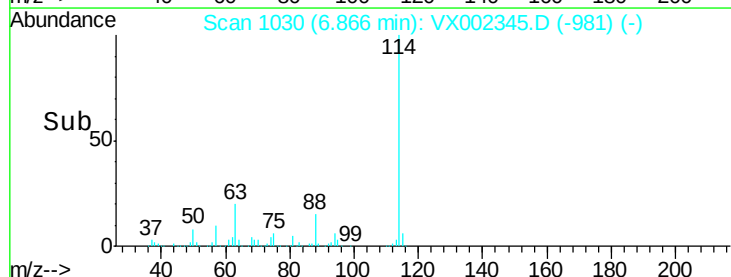
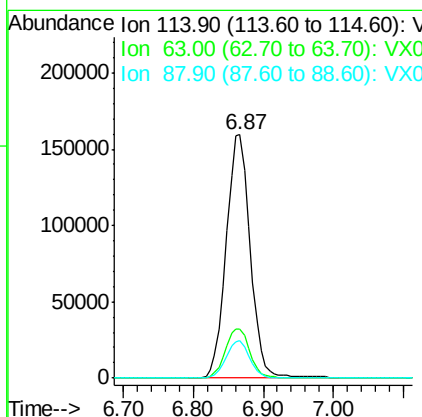
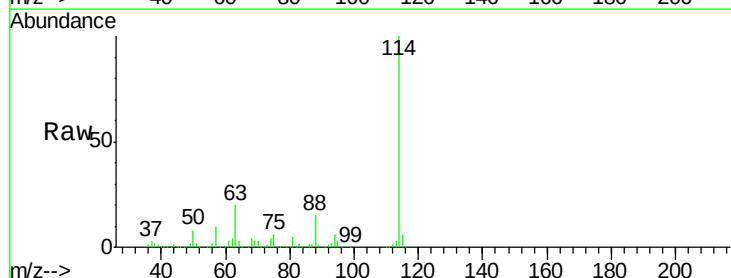
Manual Integrations
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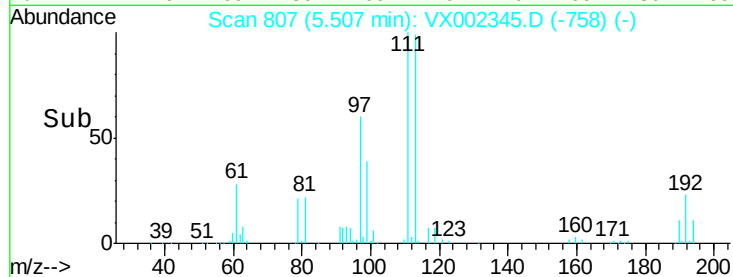
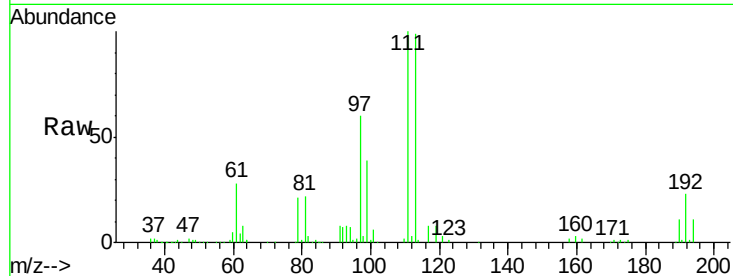
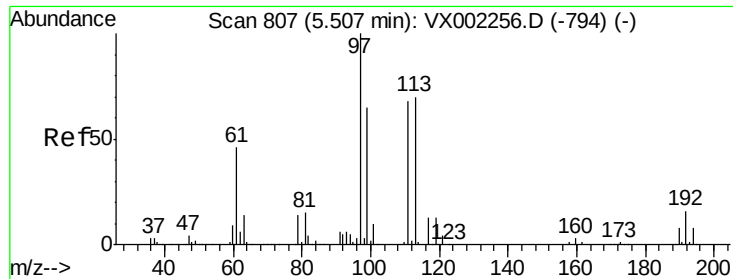
MMDadoda
 6/7/2018 11:36:13 AM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002345.D
 Acq: 06 Jun 2018 11:48

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	381751		
63	20.0	0.0	41.4	
88	15.4	0.0	30.0	





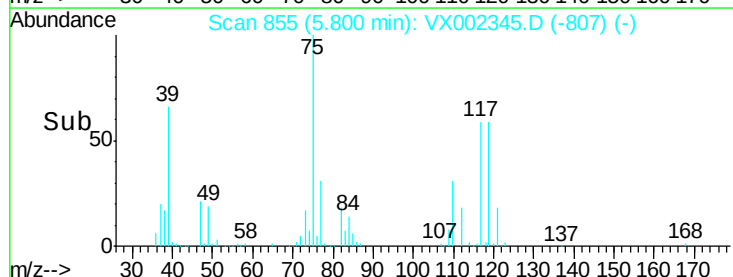
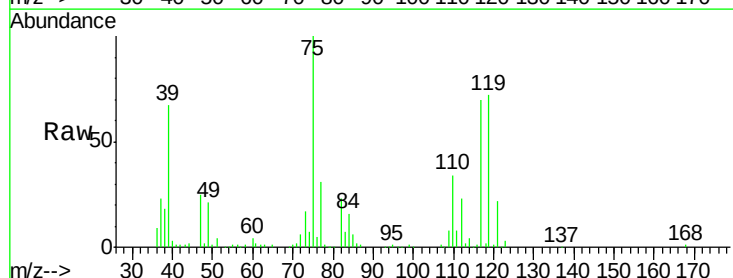
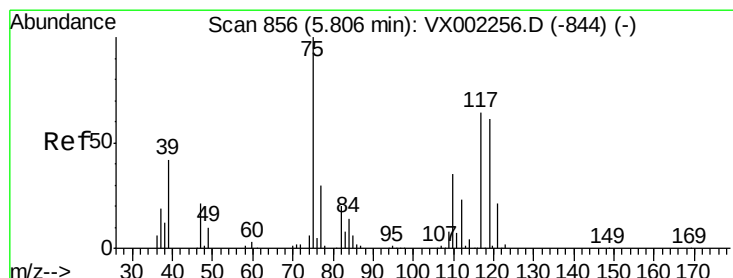
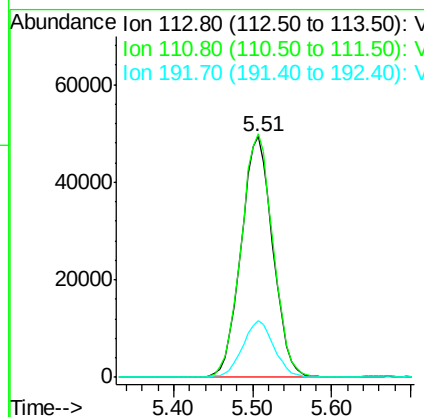
#35
Dibromofluoromethane
Concen: 45.97 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX002345.D
Acq: 06 Jun 2018 11:48

Tot Ion	Ratio	Resp	Lower	Upper
113	100	137996		
111	101.8	81.4	122.0	
192	23.2	19.1	28.7	

Instrument :
MSVOA_X
ClientSampleId :
VX0606WBS01

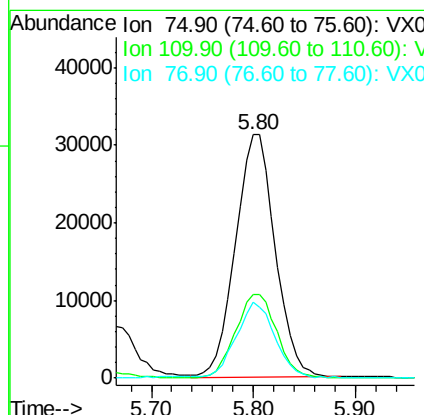
Manual Integrations
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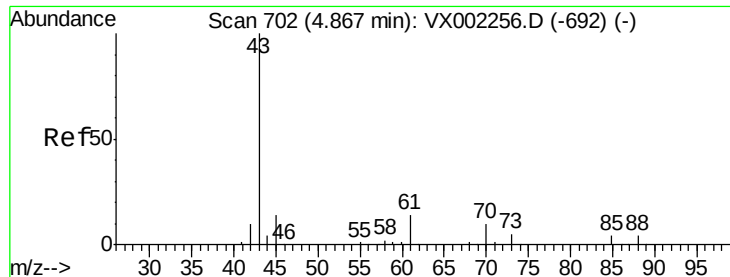
MMDadoda
6/7/2018 11:36:13 AM



#36
1,1-Dichloropropene
Concen: 20.96 ug/l
RT: 5.80 min Scan# 855
Delta R.T. -0.01 min
Lab File: VX002345.D
Acq: 06 Jun 2018 11:48

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	84131		
110	36.0	18.1	54.4	
77	30.6	24.3	36.5	





#37

Ethyl Acetate

Concen: 19.06 ug/l

RT: 4.85 min Scan# 700

Delta R.T. -0.01 min

Lab File: VX002345.D

Acq: 06 Jun 2018 11:48

Instrument :

MSVOA_X

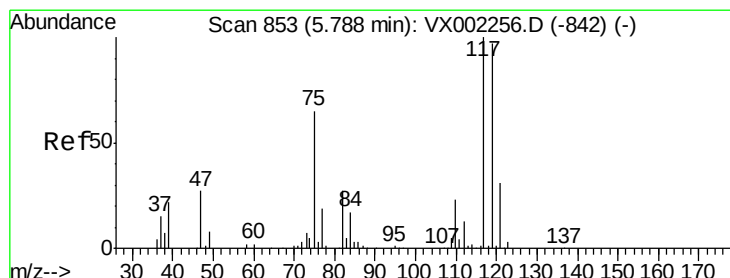
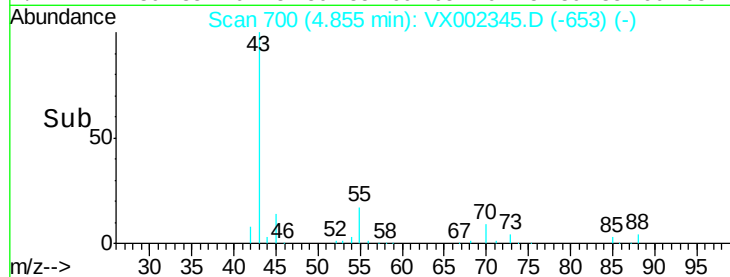
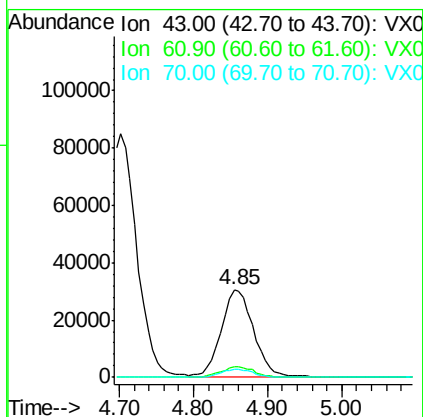
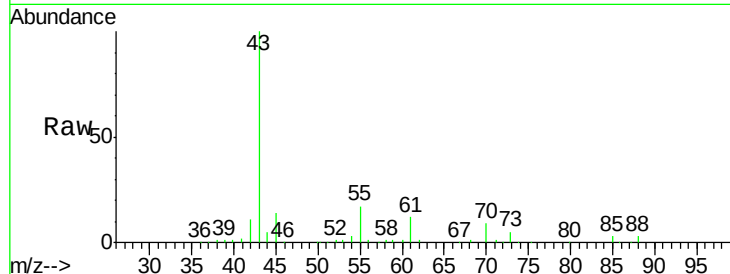
ClientSampled :

VX0606WBS01

Tot Ion:	43	Resp:	92011
Ion	Ratio	Lower	Upper
43	100		
61	12.9	10.4	15.6
70	9.4	7.6	11.4

Manual Integrations
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6/7/2018 11:36:13 AM



#38

Carbon Tetrachloride

Concen: 19.59 ug/l

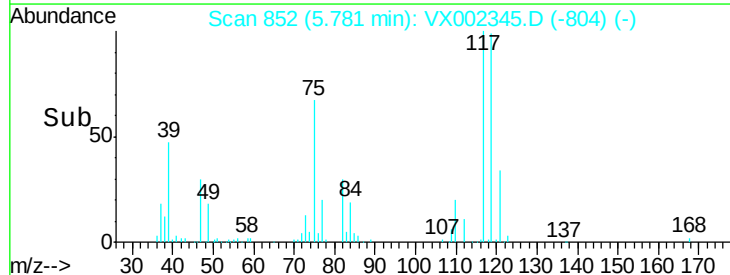
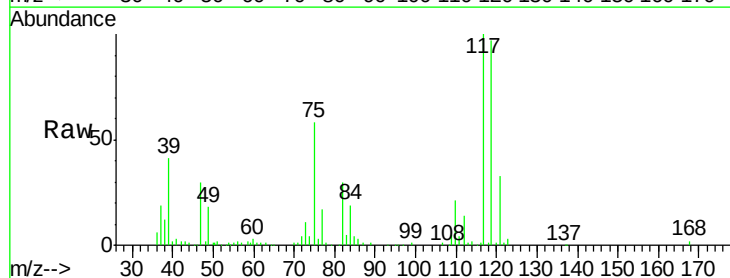
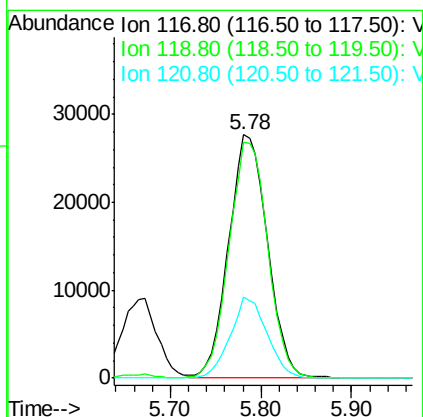
RT: 5.78 min Scan# 852

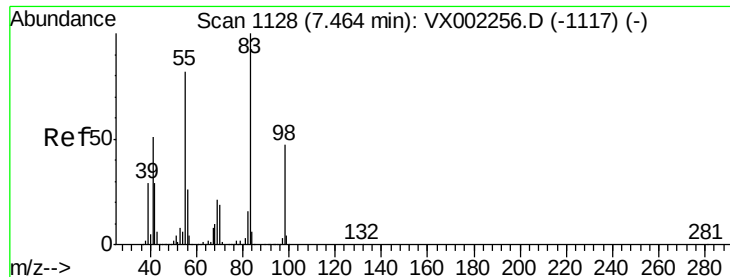
Delta R.T. -0.01 min

Lab File: VX002345.D

Acq: 06 Jun 2018 11:48

Tgt Ion:	117	Resp:	82251
Ion	Ratio	Lower	Upper
117	100		
119	97.0	77.4	116.0
121	33.3	24.4	36.6





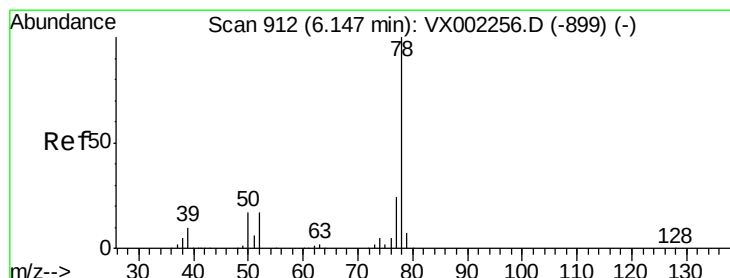
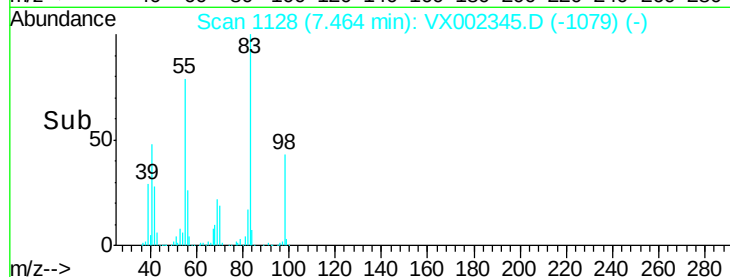
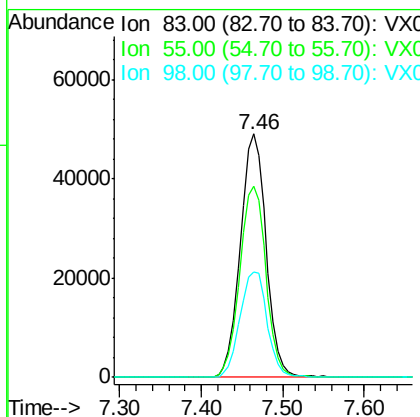
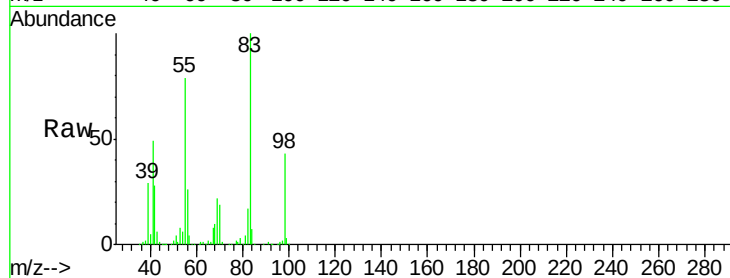
#39
Methylvlcyclohexane
Concen: 21.81 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002345.D
Acq: 06 Jun 2018 11:48

Instrument :
MSVOA_X
ClientSampleId :
VX0606WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.6	65.4	98.0
98	43.2	37.4	56.0

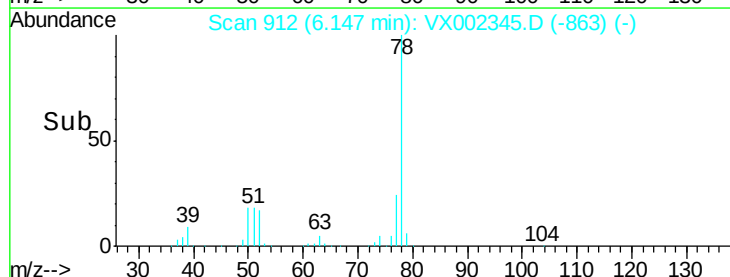
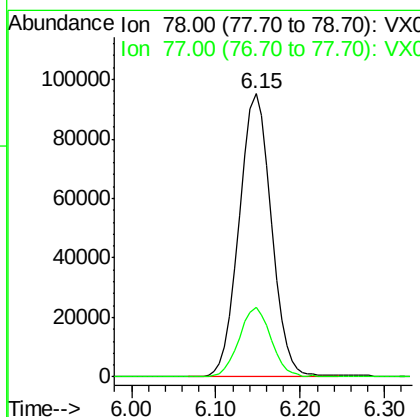
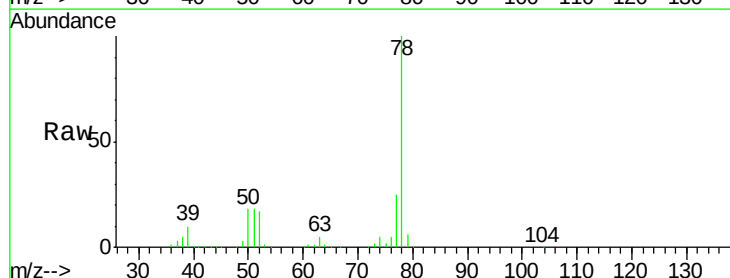
Manual Integrations
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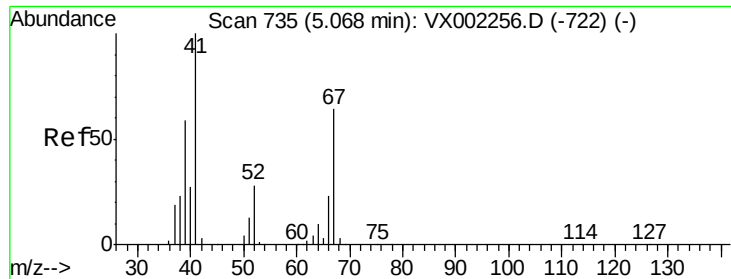
MMDadoda
6/7/2018 11:36:13 AM



#40
Benzene
Concen: 20.10 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002345.D
Acq: 06 Jun 2018 11:48

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.7	19.1	28.7





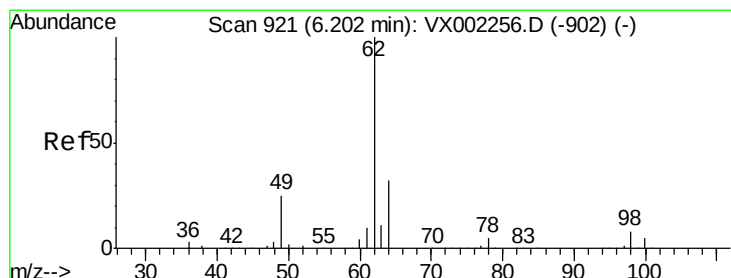
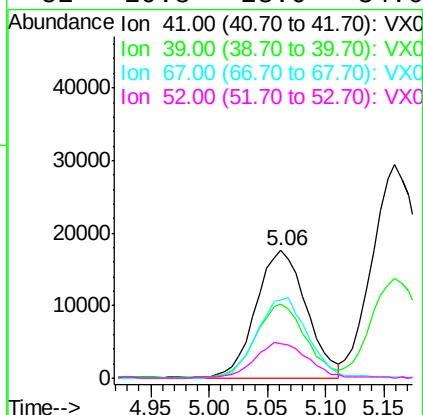
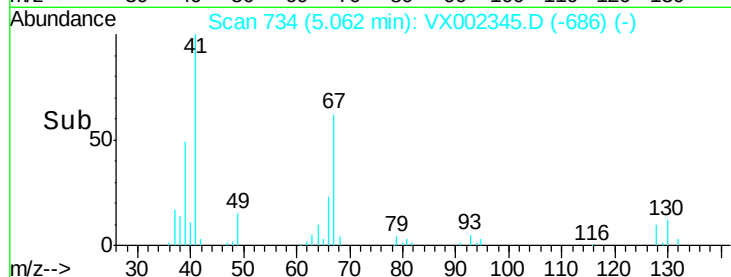
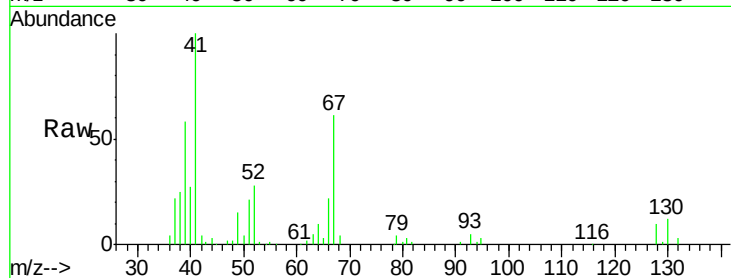
#41
Methacrylonitrile
Concen: 19.03 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX002345.D
Acq: 06 Jun 2018 11:48

Instrument :
MSVOA_X
ClientSampleId :
VX0606WBS01

Tot Ion:	41	Resp:	52589
Ion	Ratio	Lower	Upper
41	100		
39	57.1	45.8	68.6
67	64.5	51.3	76.9
52	29.8	23.0	34.6

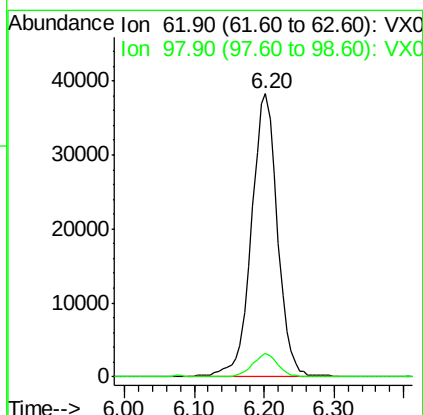
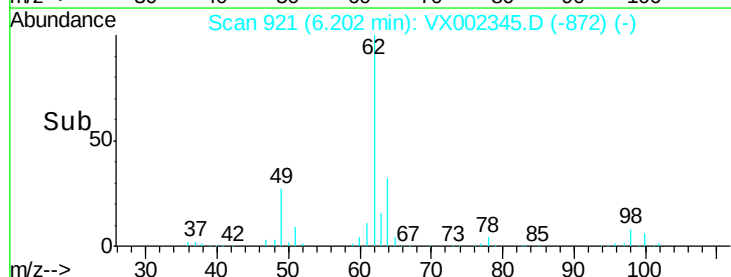
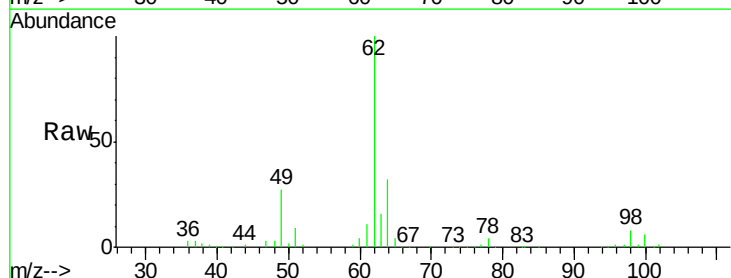
Manual Integrations
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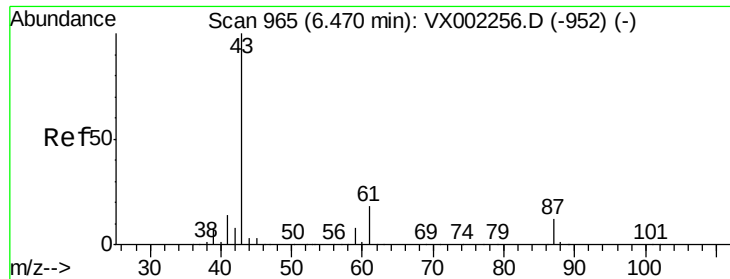
MMDadoda
6/7/2018 11:36:13 AM



#42
1,2-Dichloroethane
Concen: 20.09 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002345.D
Acq: 06 Jun 2018 11:48

Tgt Ion:	62	Resp:	98236
Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	16.6





#43

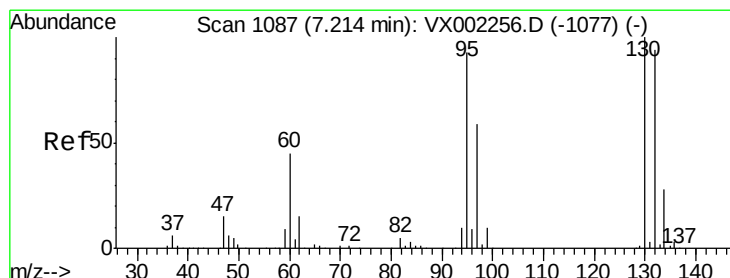
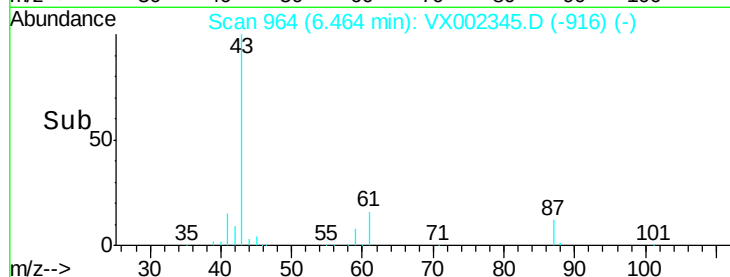
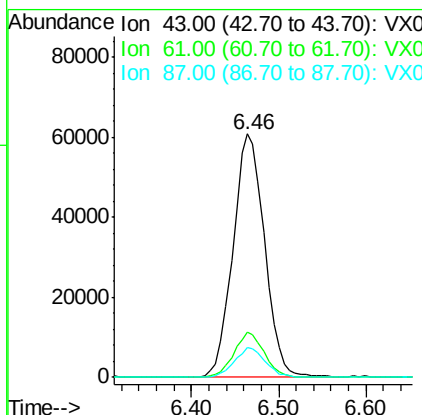
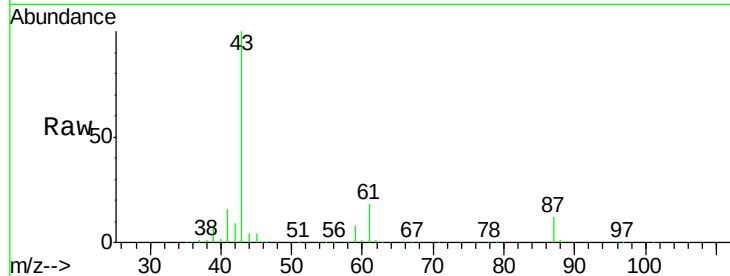
Isopropyl Acetate
 Concen: 18.55 ug/l
 RT: 6.46 min Scan# 964
 Delta R.T. -0.01 min
 Lab File: VX002345.D
 Acq: 06 Jun 2018 11:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0606WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	17.9	14.4	21.6
87	12.0	9.5	14.3

Manual Integrations
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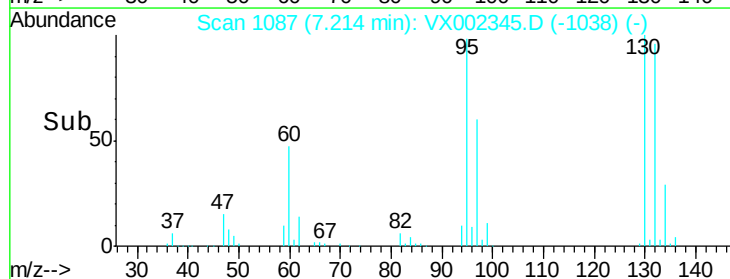
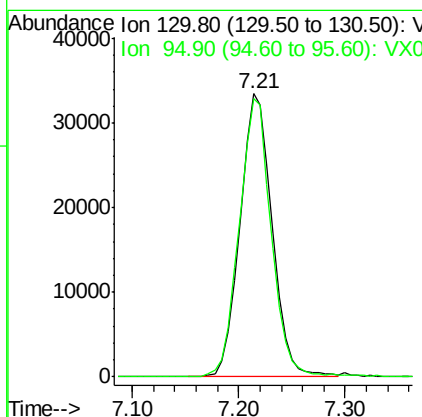
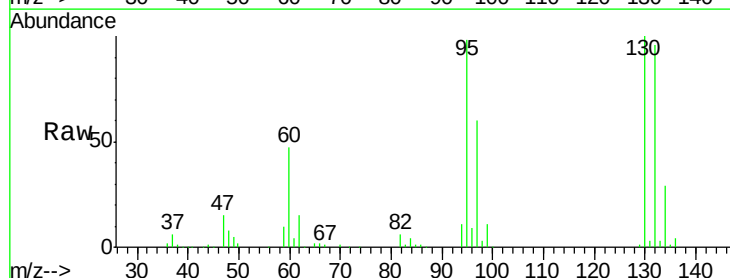
MMDadoda
 6/7/2018 11:36:13 AM

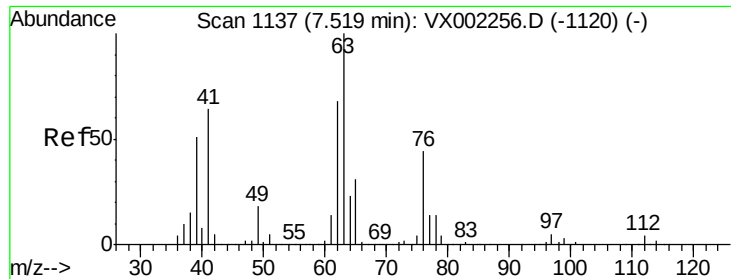


#44

Trichloroethene
 Concen: 20.75 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX002345.D
 Acq: 06 Jun 2018 11:48

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.1	0.0	185.4





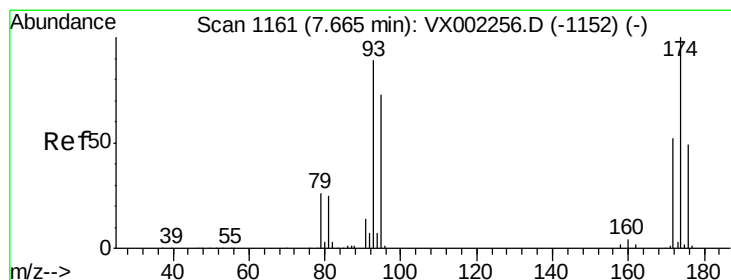
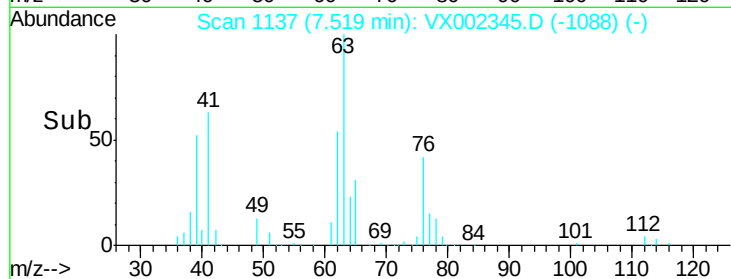
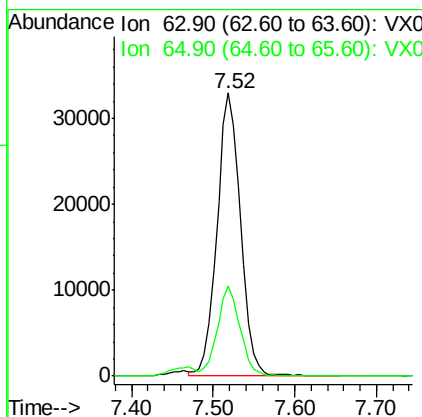
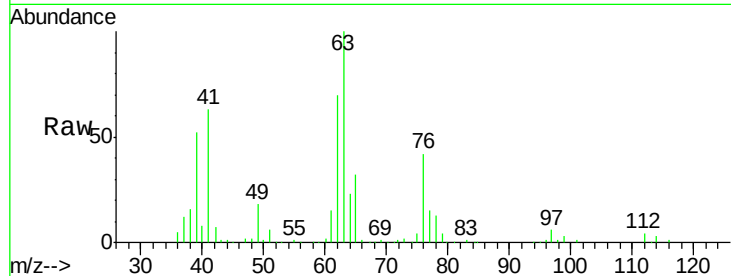
#45
 1,2-Dichloropropane
 Concen: 19.92 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX002345.D
 Acq: 06 Jun 2018 11:48

Instrument :
 MSVOA_X
 ClientSampled :
 VX0606WBS01

Tot Ion: 63 Resp: 66189
 Ion Ratio Lower Upper
 63 100
 65 31.9 24.7 37.1

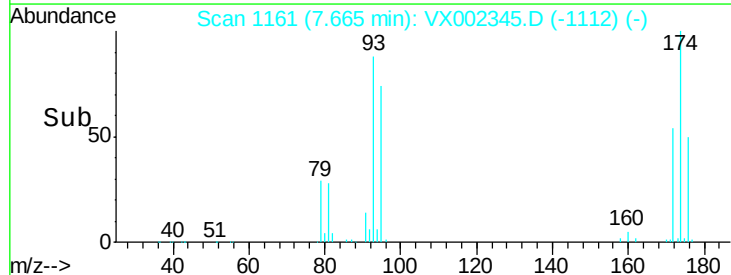
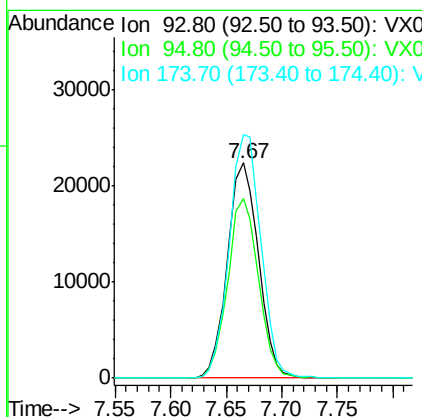
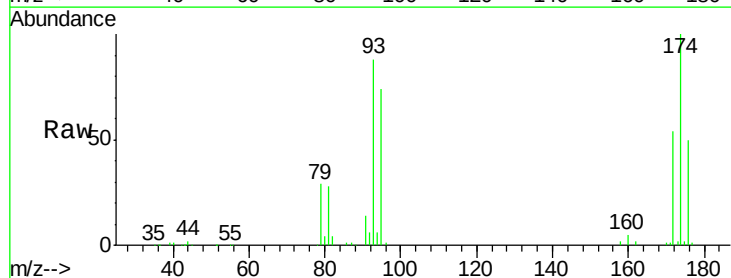
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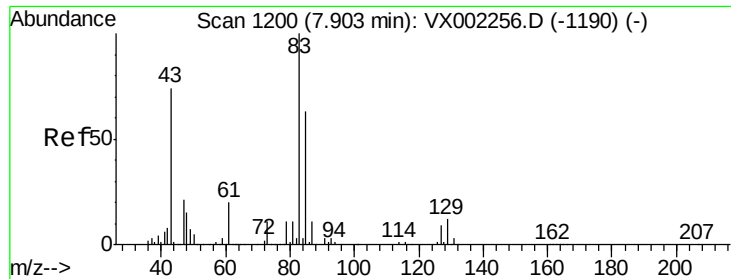
MMDadoda
 6/7/2018 11:36:13 AM



#46
 Dibromomethane
 Concen: 19.27 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX002345.D
 Acq: 06 Jun 2018 11:48

Tgt Ion: 93 Resp: 43395
 Ion Ratio Lower Upper
 93 100
 95 83.2 65.9 98.9
 174 115.8 92.4 138.6





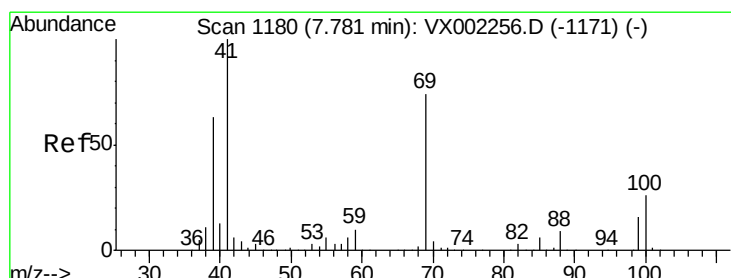
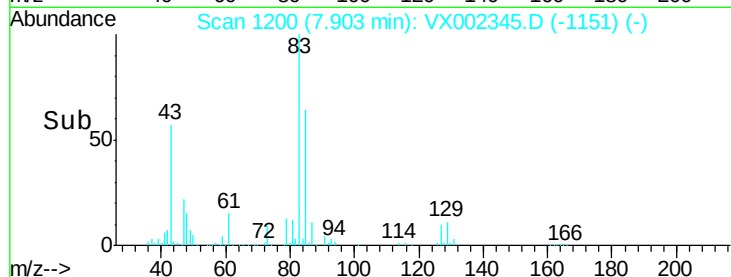
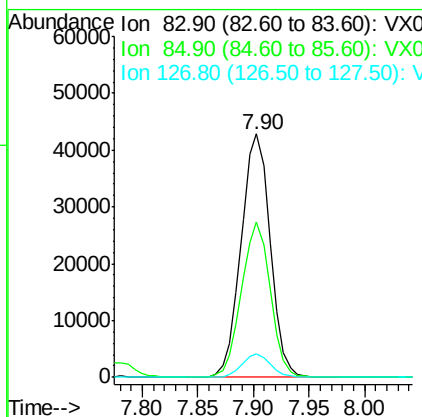
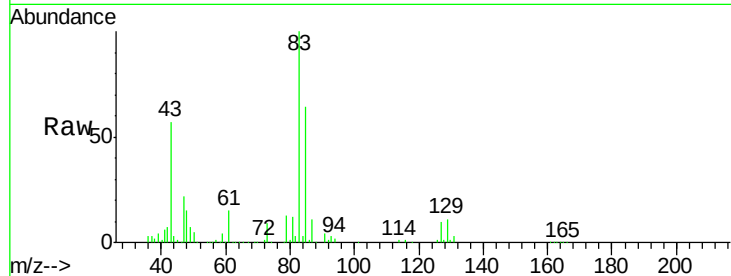
#47
Bromodichloromethane
Concen: 19.15 ug/l
RT: 7.90 min Scan# 1200
Delta R.T. -0.00 min
Lab File: VX002345.D
Acq: 06 Jun 2018 11:48

Instrument :
MSVOA_X
ClientSampleId :
VX0606WBS01

Tot Ion	83	Resp	78002
Ion Ratio	100	Lower	Upper
83	100		
85	63.6	50.3	75.5
127	9.9	7.0	10.4

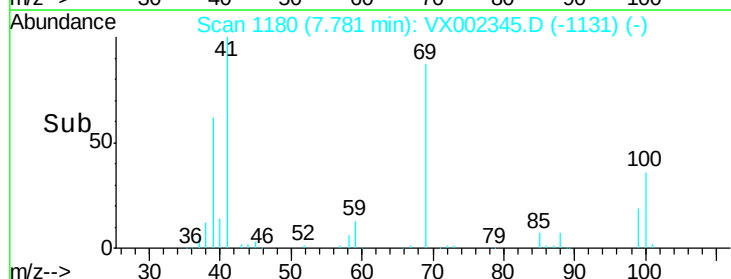
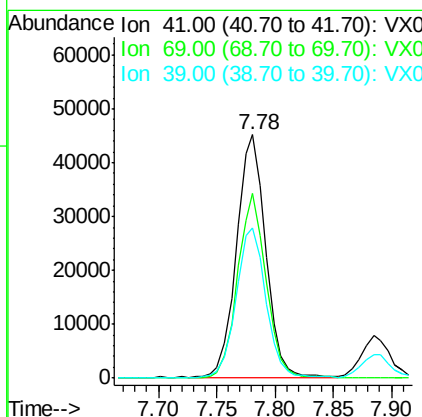
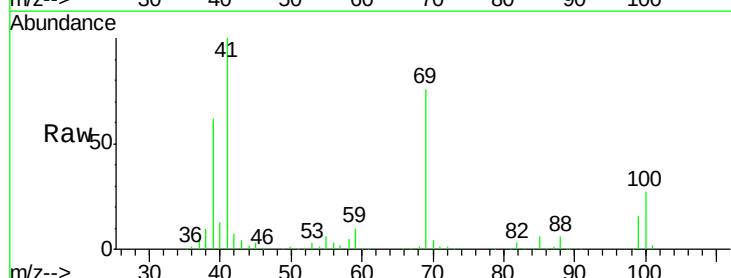
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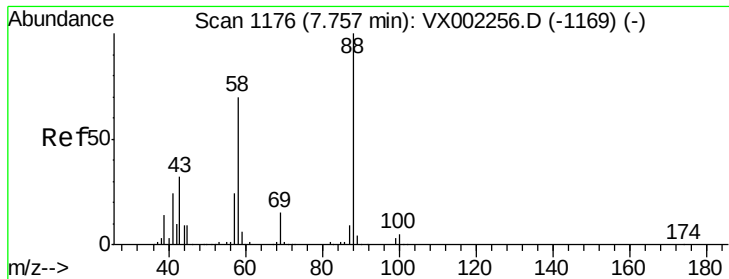
MMDadoda
6/7/2018 11:36:13 AM



#48
Methyl methacrylate
Concen: 19.17 ug/l
RT: 7.78 min Scan# 1180
Delta R.T. -0.00 min
Lab File: VX002345.D
Acq: 06 Jun 2018 11:48

Tgt Ion	41	Resp	78922
Ion Ratio	100	Lower	Upper
41	100		
69	74.7	59.1	88.7
39	62.7	48.9	73.3





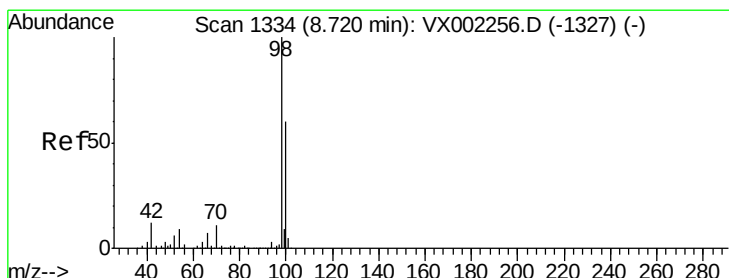
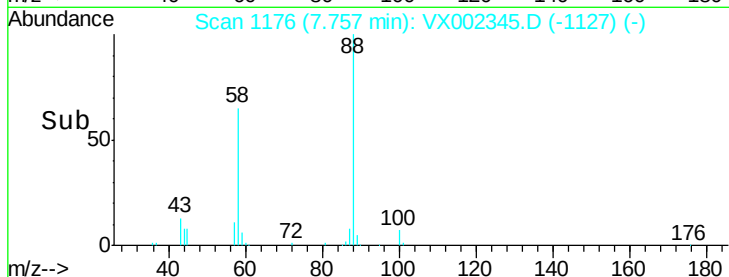
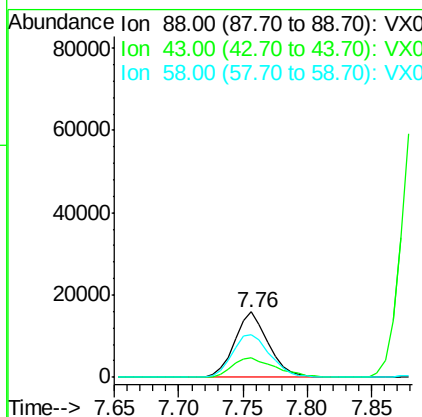
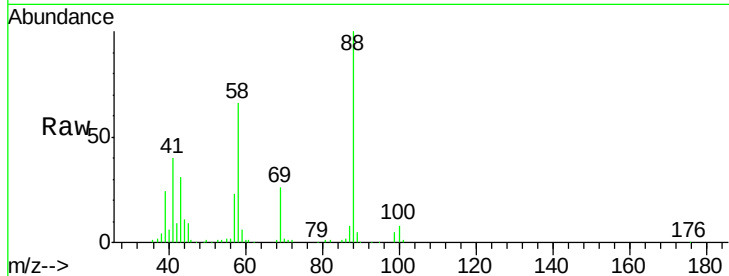
#49
1,4-Dioxane
Concen: 375.29 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VX002345.D
Acq: 06 Jun 2018 11:48

Instrument :
MSVOA_X
ClientSampleId :
VX0606WBS01

Tot Ion	Ratio	Resp	Lower	Upper
88	100	28895		
43	37.9		29.8	44.6
58	73.1		57.1	85.7

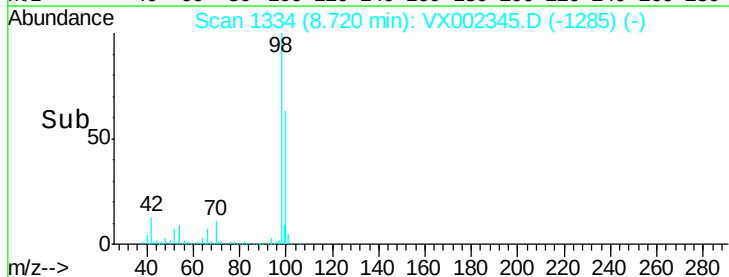
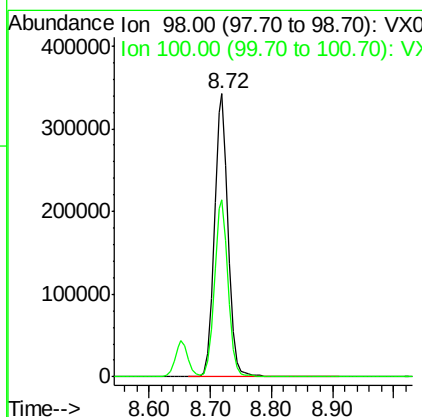
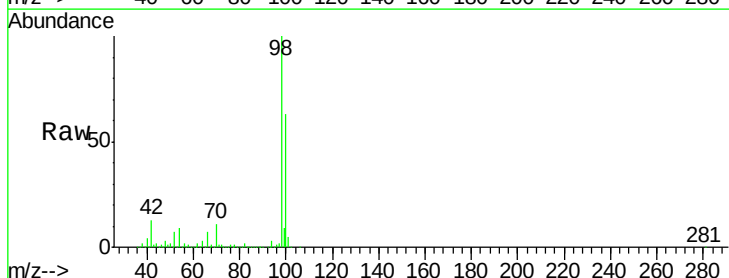
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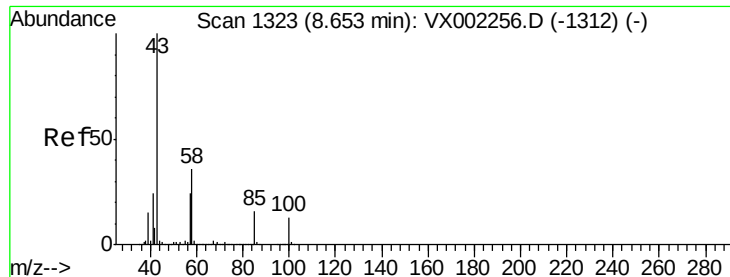
MMDadoda
6/7/2018 11:36:13 AM



#50
Toluene-d8
Concen: 47.46 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002345.D
Acq: 06 Jun 2018 11:48

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	546121		
100	63.1		50.9	76.3





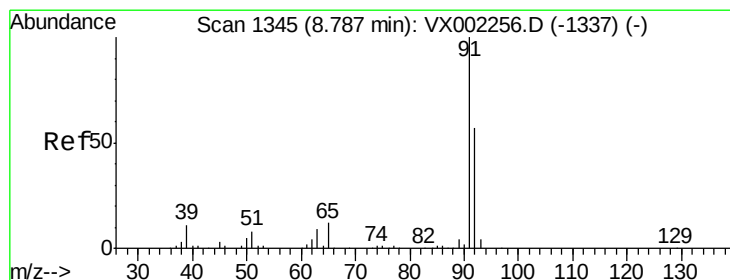
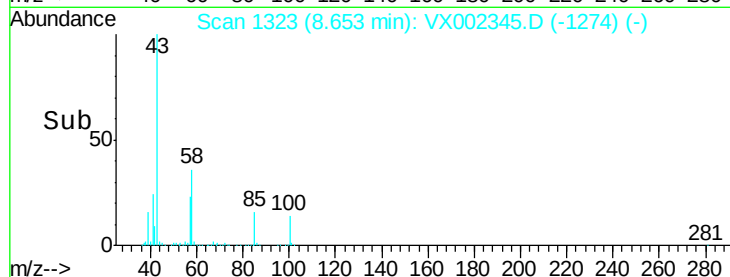
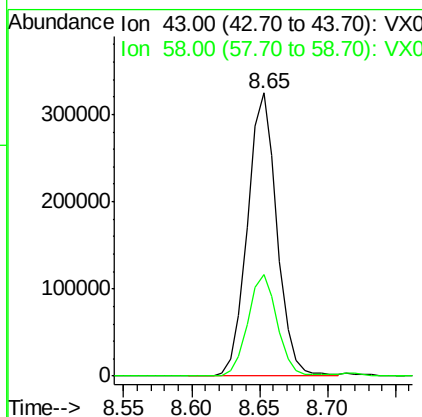
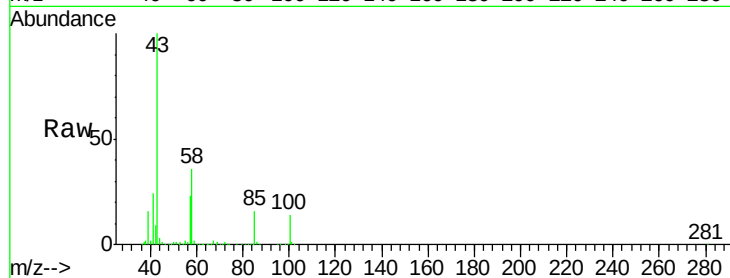
#51
 4-Methyl-2-Pentanone
 Concen: 96.59 ug/l
 RT: 8.65 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VX002345.D
 Acq: 06 Jun 2018 11:48

Instrument :
 MSVOA_X
 ClientSampled :
 VX0606WBS01

Tot Ion	43	Resp	493109
Ion Ratio	100	Lower	Upper
58	35.7	28.6	42.8

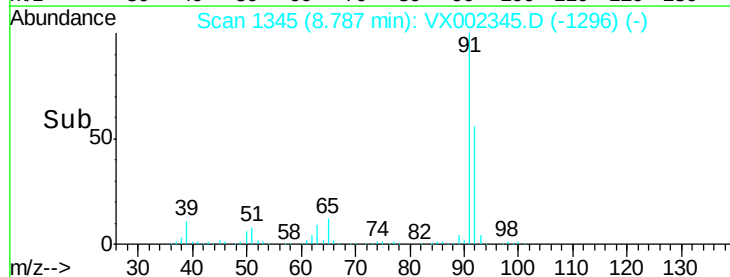
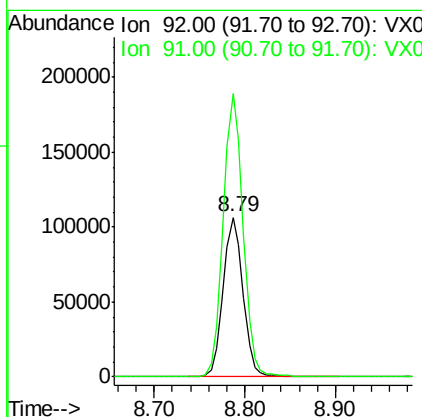
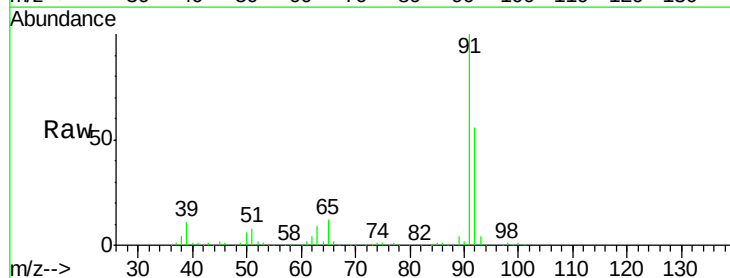
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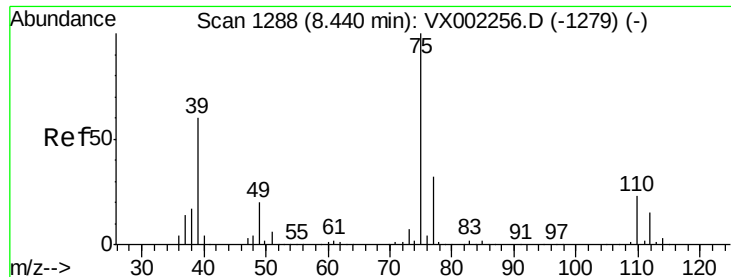
MMDadoda
 6/7/2018 11:36:13 AM



#52
 Toluene
 Concen: 20.79 ug/l
 RT: 8.79 min Scan# 1345
 Delta R.T. -0.00 min
 Lab File: VX002345.D
 Acq: 06 Jun 2018 11:48

Tgt Ion	92	Resp	162741
Ion Ratio	100	Lower	Upper
91	177.8	140.4	210.6





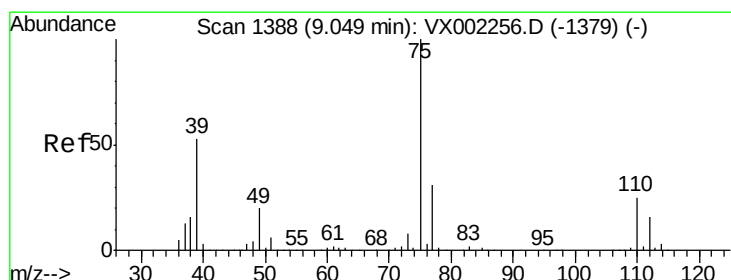
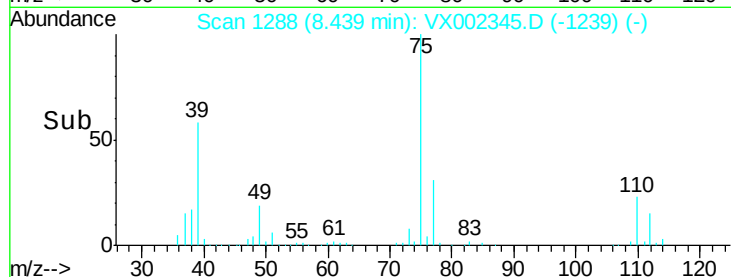
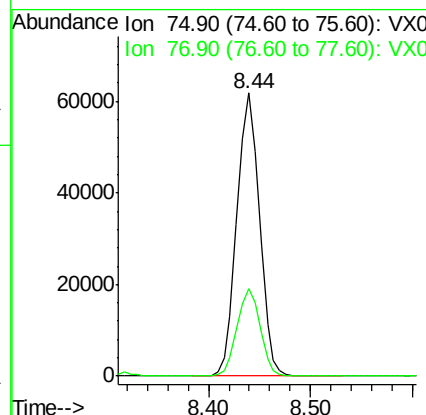
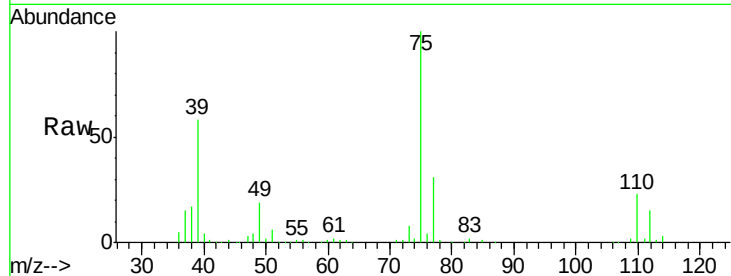
#53
t-1,3-Dichloropropene
Concen: 19.42 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX002345.D
Acq: 06 Jun 2018 11:48

Instrument :
MSVOA_X
ClientSampleId :
VX0606WBS01

Tot Ion	75	Resp	94843
Ion Ratio	Lower	Upper	
75	100		
77	30.9	25.4	38.2

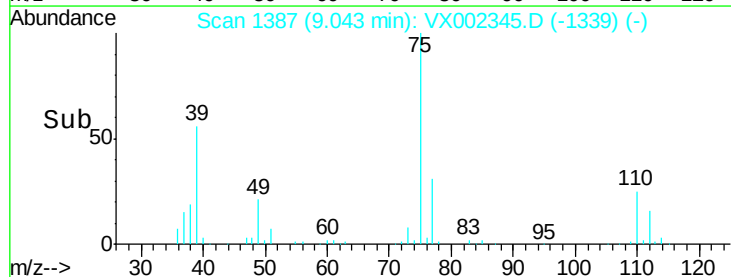
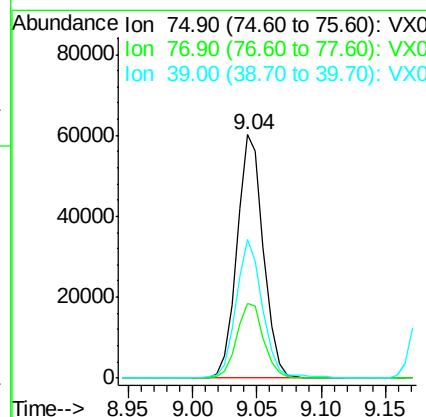
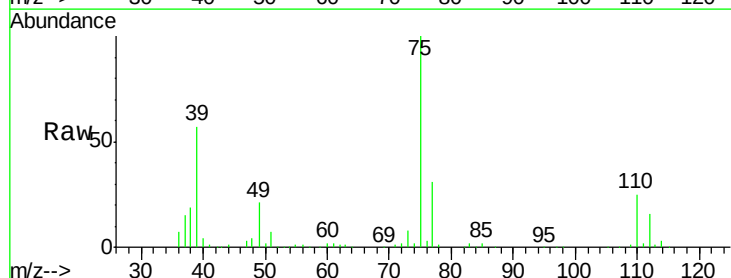
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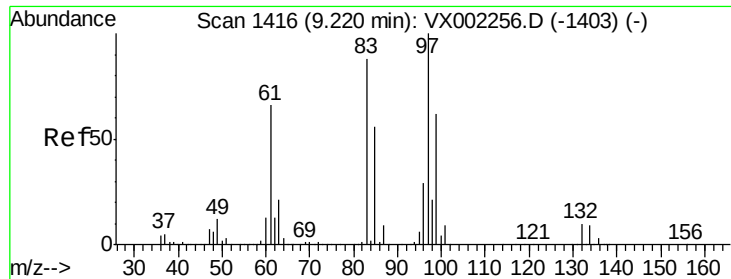
MMDadoda
6/7/2018 11:36:13 AM



#54
cis-1,3-Dichloropropene
Concen: 18.56 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. -0.01 min
Lab File: VX002345.D
Acq: 06 Jun 2018 11:48

Tgt Ion	75	Resp	85517
Ion Ratio	Lower	Upper	
75	100		
77	30.7	24.8	37.2
39	56.7	42.4	63.6





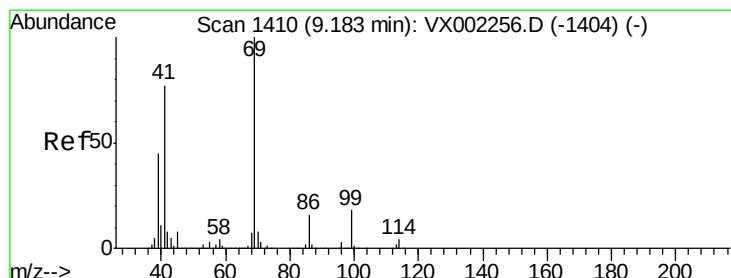
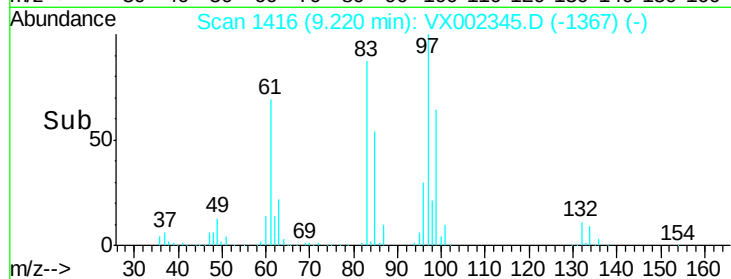
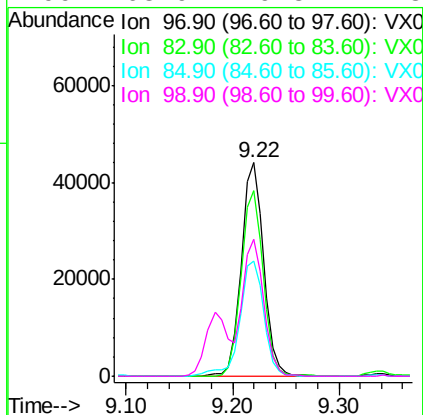
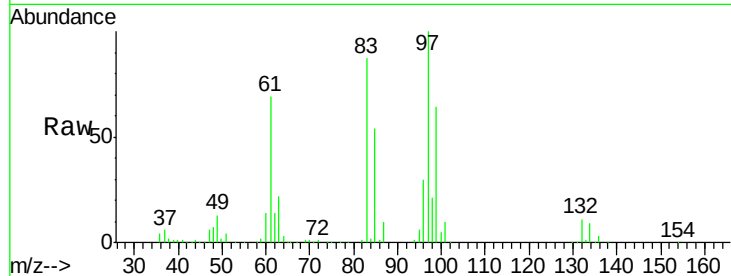
#55
 1,1,2-Trichloroethane
 Concen: 20.17 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002345.D
 Acq: 06 Jun 2018 11:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0606WBS01

Tot Ion:	97	Resp:	64916
Ion	Ratio	Lower	Upper
97	100		
83	86.9	70.2	105.2
85	53.8	44.9	67.3
99	63.9	49.8	74.8

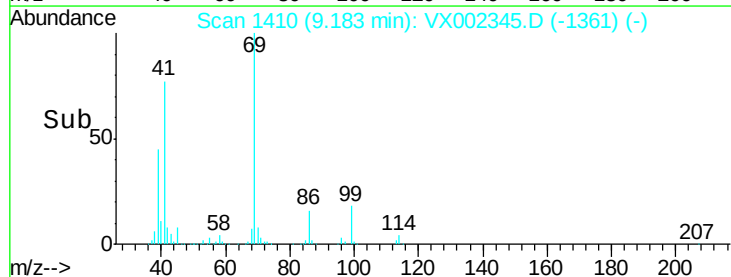
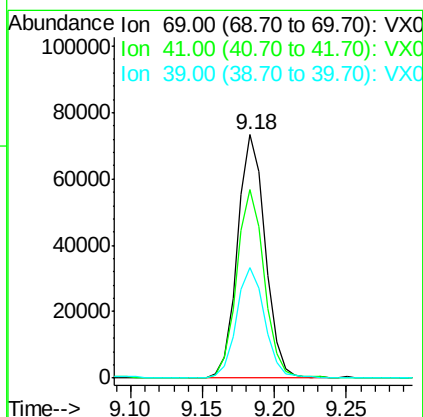
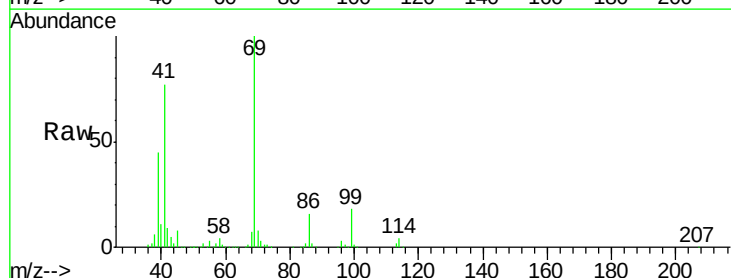
Manual Integrations
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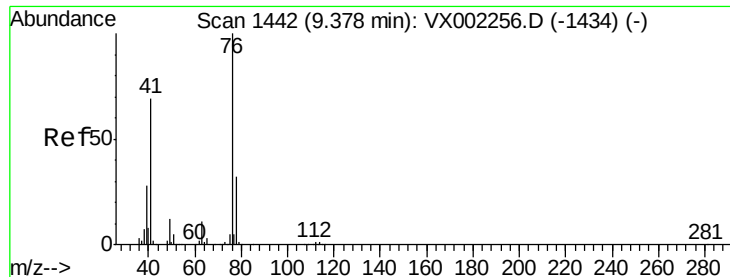
MMDadoda
 6/7/2018 11:36:13 AM



#56
 Ethyl methacrylate
 Concen: 19.22 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX002345.D
 Acq: 06 Jun 2018 11:48

Tgt Ion:	69	Resp:	98757
Ion	Ratio	Lower	Upper
69	100		
41	76.1	60.3	90.5
39	45.8	35.8	53.8





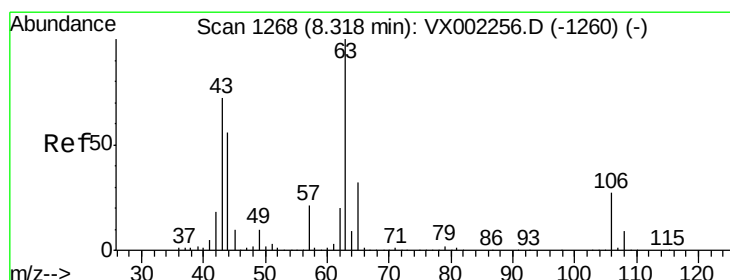
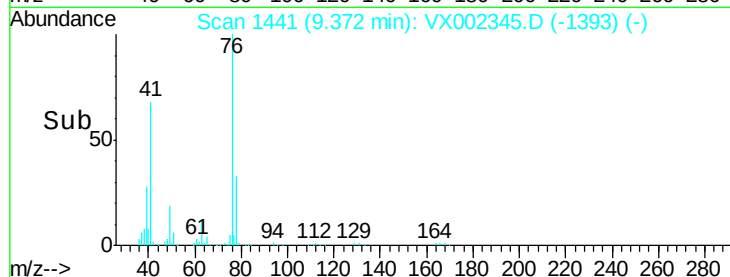
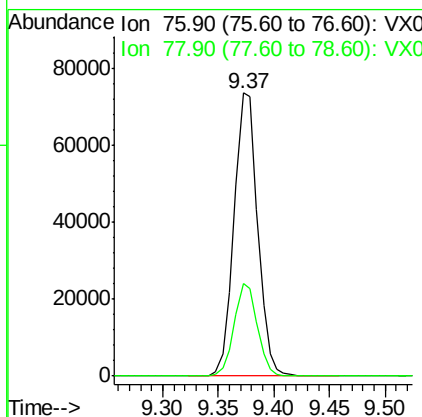
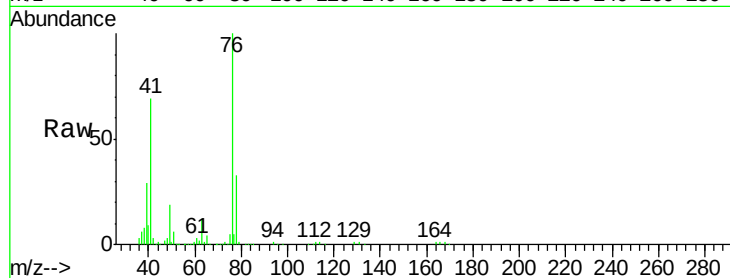
#57
 1,3-Dichloropropane
 Concen: 20.09 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: VX002345.D
 Acq: 06 Jun 2018 11:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0606WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.8	38.6

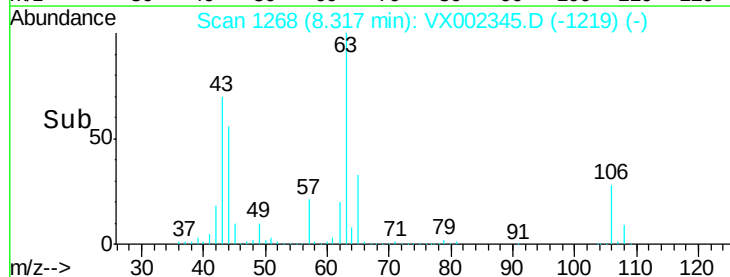
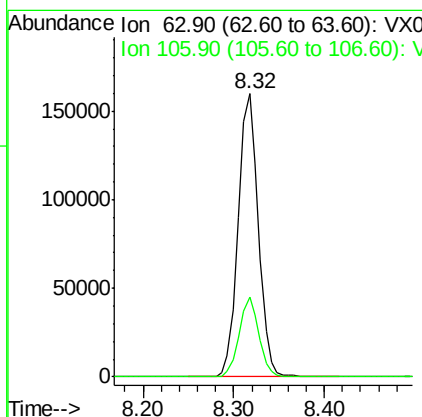
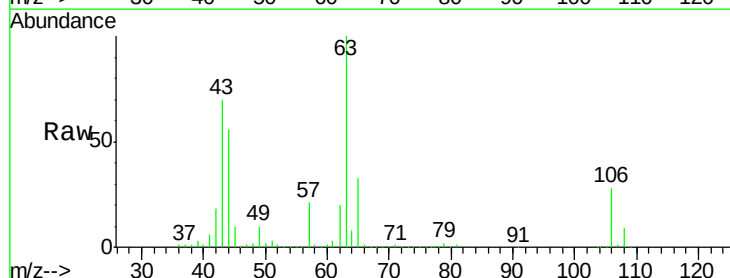
Manual Integrations
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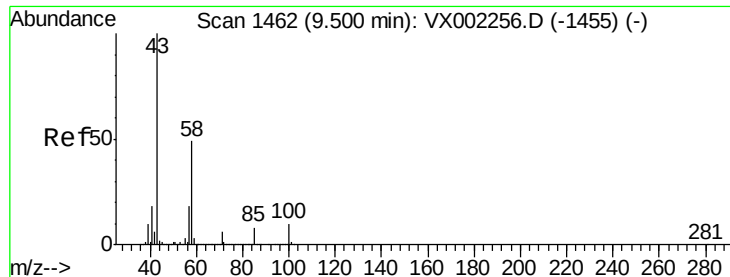
MMDadoda
 6/7/2018 11:36:13 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 103.55 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VX002345.D
 Acq: 06 Jun 2018 11:48

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.6	21.8	32.8





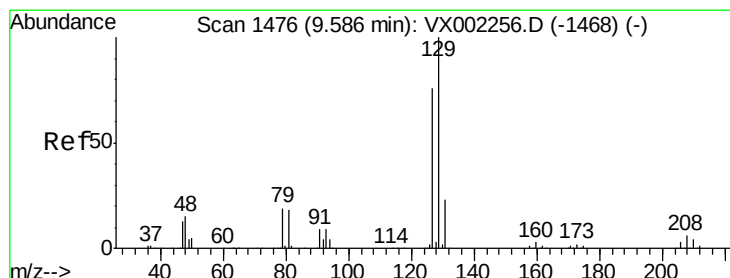
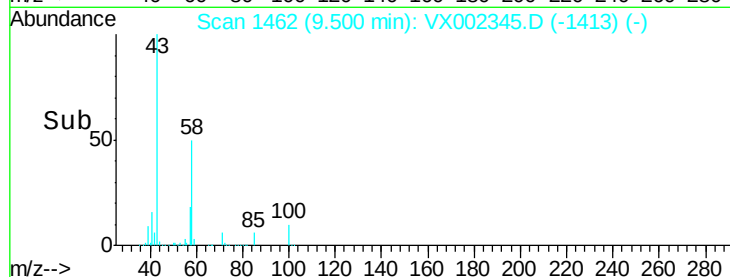
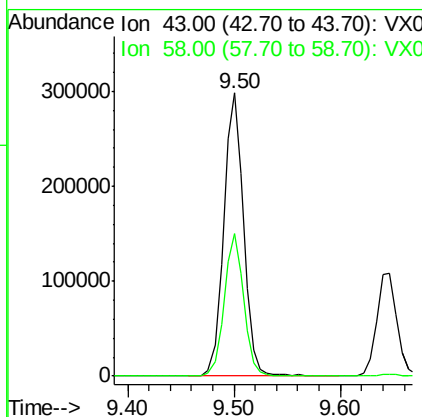
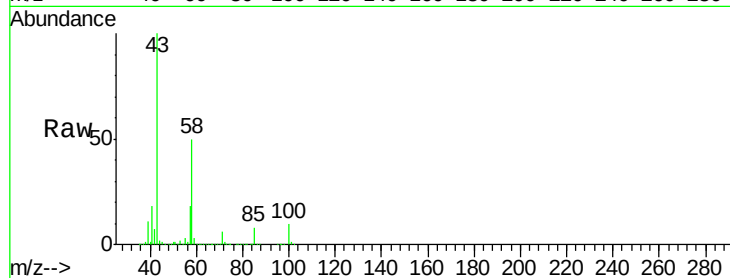
#59
2-Hexanone
Concen: 98.29 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002345.D
Acq: 06 Jun 2018 11:48

Instrument :
MSVOA_X
ClientSampleId :
VX0606WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	49.6	24.6	73.6

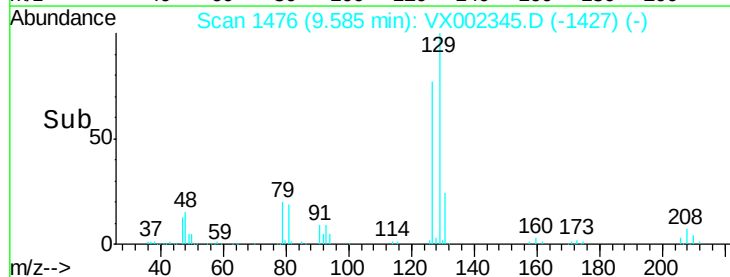
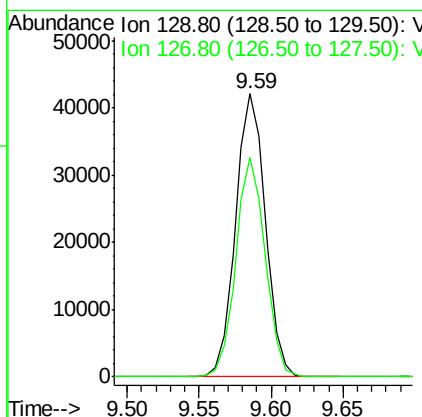
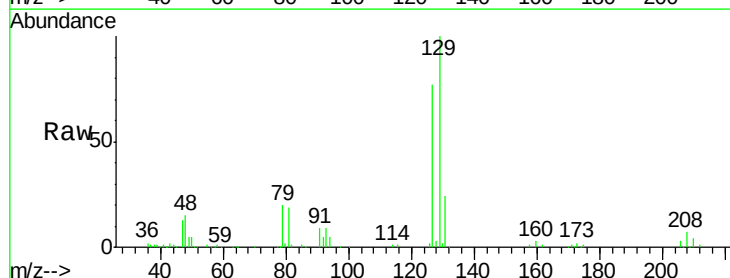
Manual Integrations
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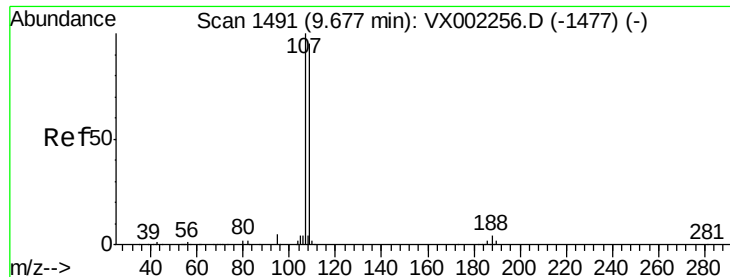
MMDadoda
6/7/2018 11:36:13 AM



#60
Dibromochloromethane
Concen: 18.75 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX002345.D
Acq: 06 Jun 2018 11:48

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.1	38.5	115.3





#61

1,2-Dibromoethane

Concen: 20.09 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002345.D

Acq: 06 Jun 2018 11:48

Instrument :

MSVOA_X

ClientSampled :

VX0606WBS01

Tot Ion:107 Resp: 67421

Ion Ratio Lower Upper

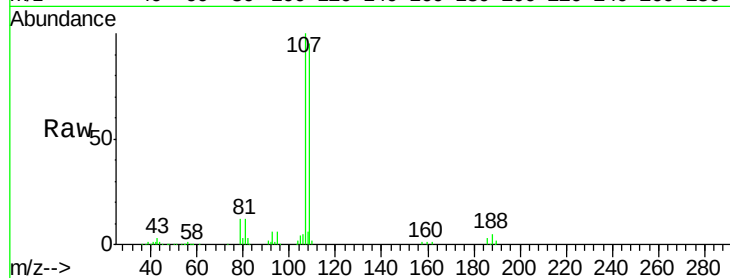
107 100

109 95.7 75.3 112.9

Manual Integrations
APPROVED

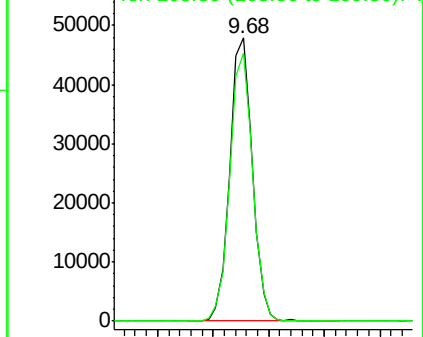
MMDadoda

6/7/2018 11:36:13 AM

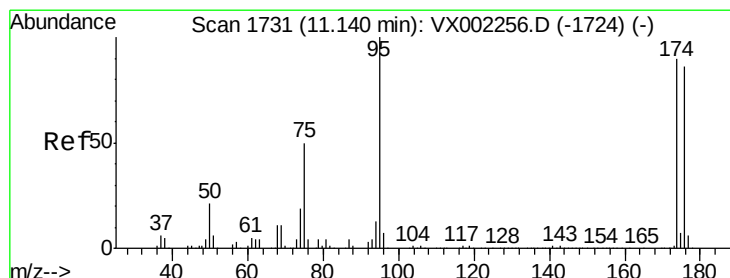
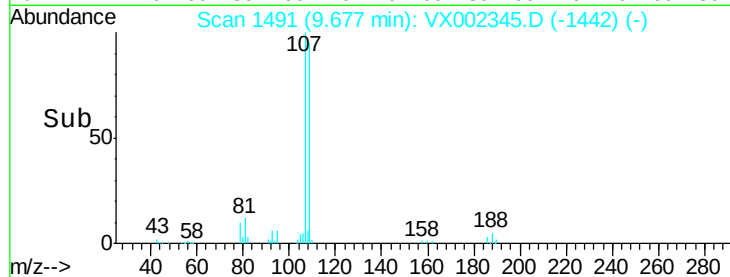


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



Time-->



#62

4-Bromofluorobenzene

Concen: 46.50 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002345.D

Acq: 06 Jun 2018 11:48

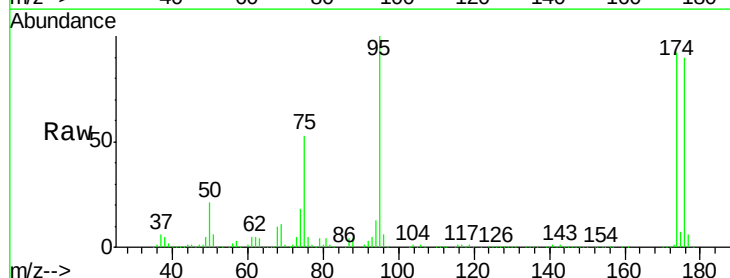
Tgt Ion: 95 Resp: 206353

Ion Ratio Lower Upper

95 100

174 94.7 0.0 187.4

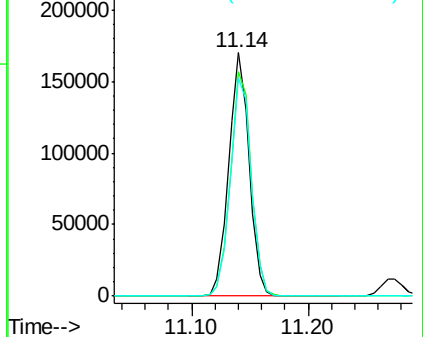
176 92.4 0.0 181.0



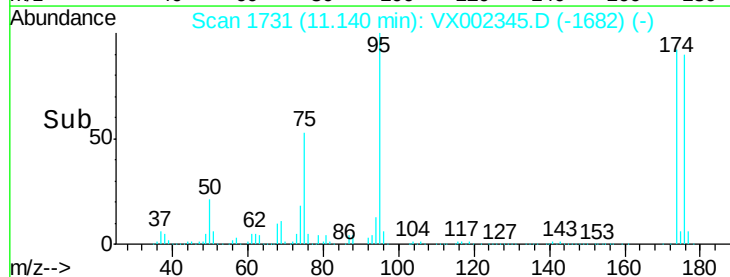
Abundance Ion 94.90 (94.60 to 95.60): VX0

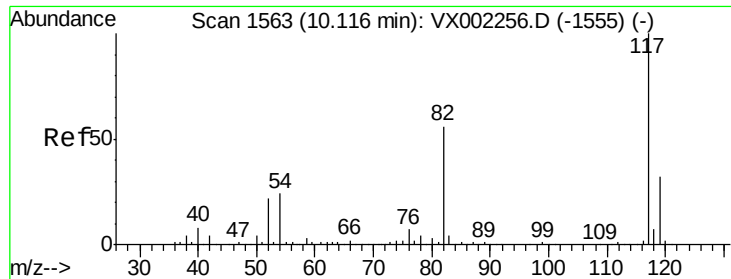
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX002345.D

Acq: 06 Jun 2018 11:48

Instrument :

MSVOA_X

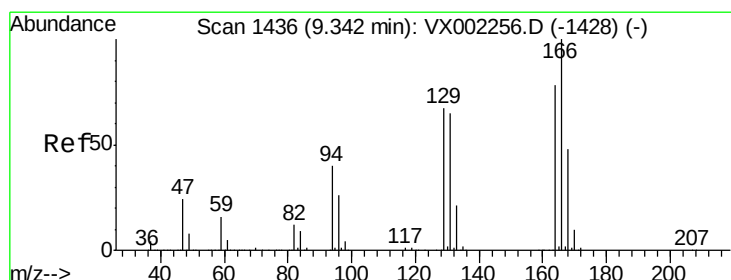
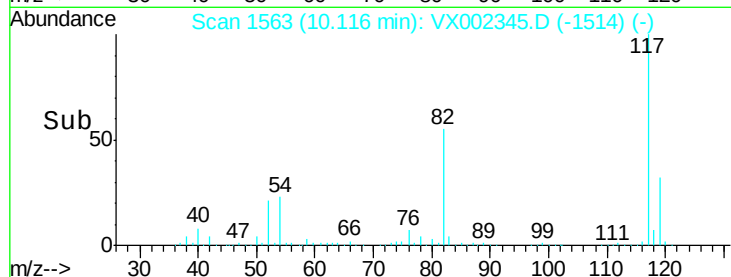
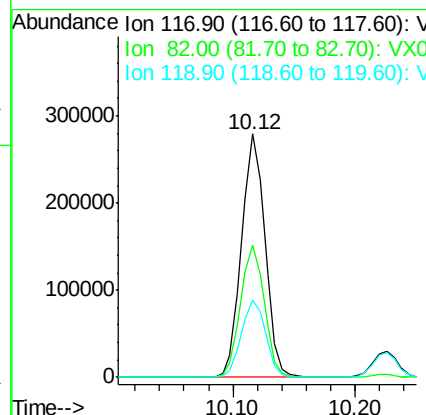
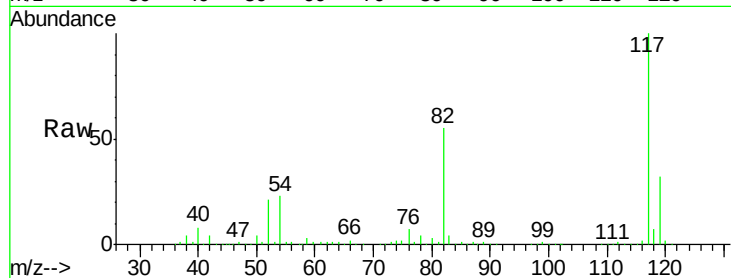
ClientSampled :

VX0606WBS01

Tot Ion:	117	Resp:	370764
Ion Ratio	Lower	Upper	
117	100		
82	54.6	45.0	67.4
119	31.9	25.8	38.6

Manual Integrations
APPROVED

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#64

Tetrachloroethene

Concen: 20.52 ug/l

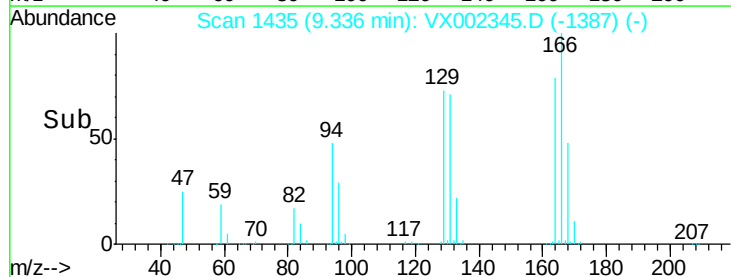
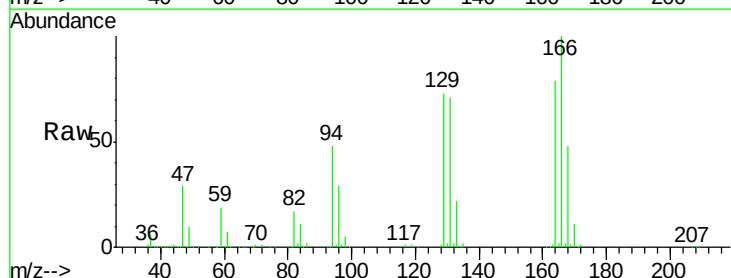
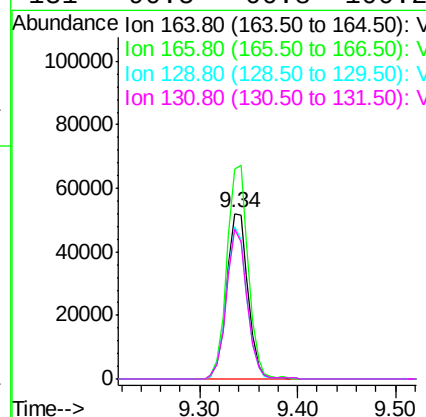
RT: 9.34 min Scan# 1435

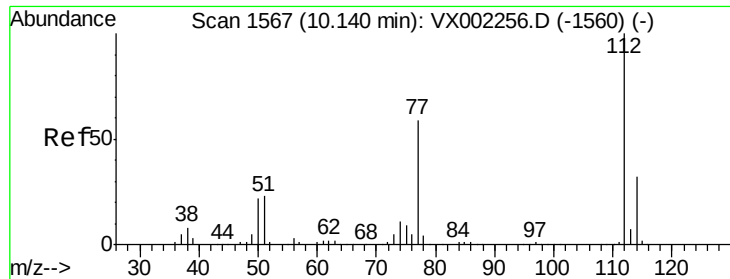
Delta R.T. -0.01 min

Lab File: VX002345.D

Acq: 06 Jun 2018 11:48

Tgt Ion:	164	Resp:	78462
Ion Ratio	Lower	Upper	
164	100		
166	127.1	102.9	154.3
129	92.2	68.6	102.8
131	90.5	66.8	100.2





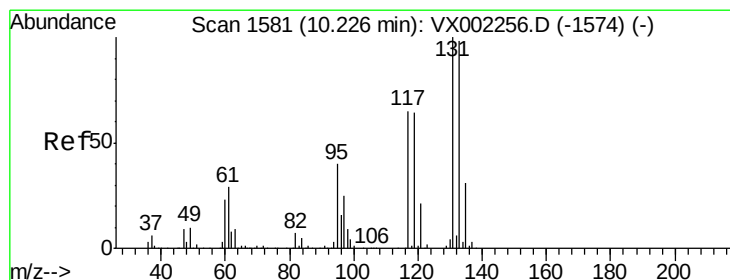
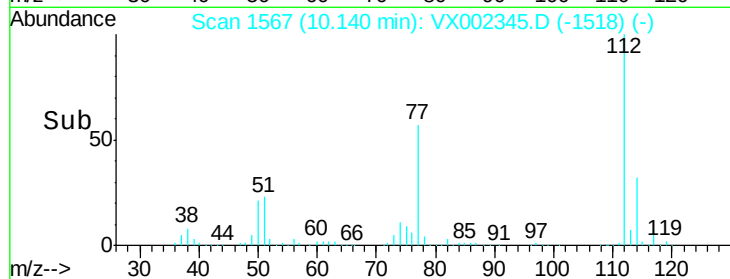
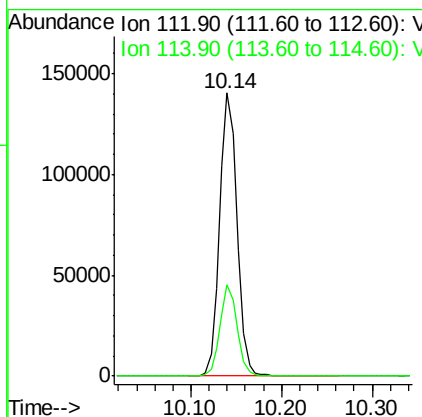
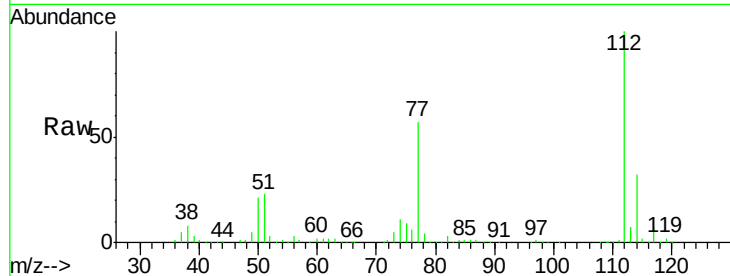
#65
Chlorobenzene
Concen: 20.46 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002345.D
Acq: 06 Jun 2018 11:48

Instrument :
MSVOA_X
ClientSampleId :
VX0606WBS01

Tot Ion:112 Resp: 188750
Ion Ratio Lower Upper
112 100
114 32.1 25.3 37.9

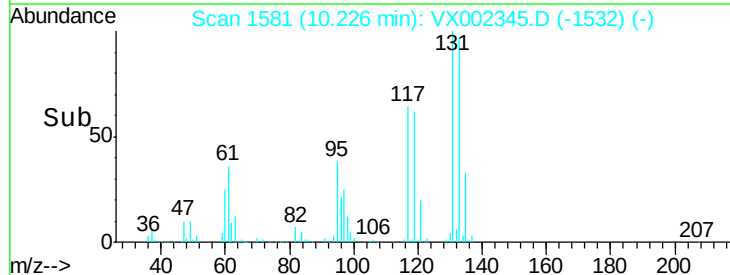
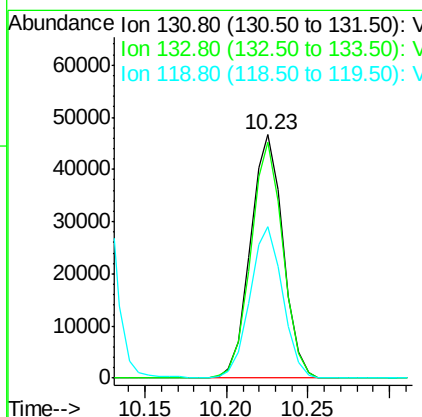
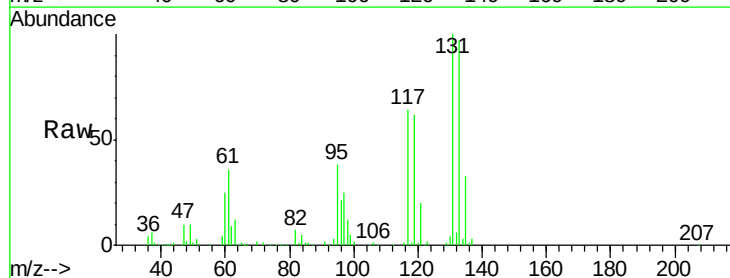
Manual Integrations
APPROVED

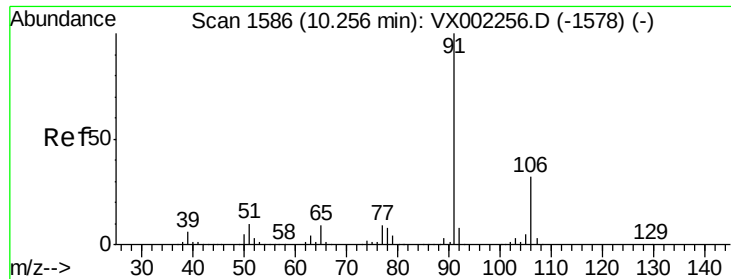
MMDadoda
6/7/2018 11:36:13 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 19.39 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX002345.D
Acq: 06 Jun 2018 11:48

Tgt Ion:131 Resp: 64775
Ion Ratio Lower Upper
131 100
133 95.3 47.9 143.6
119 62.6 31.8 95.3





#67

Ethyl Benzene

Concen: 20.90 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX002345.D

Acq: 06 Jun 2018 11:48

Instrument :

MSVOA_X

ClientSampled :

VX0606WBS01

Tot Ion: 91 Resp: 322670

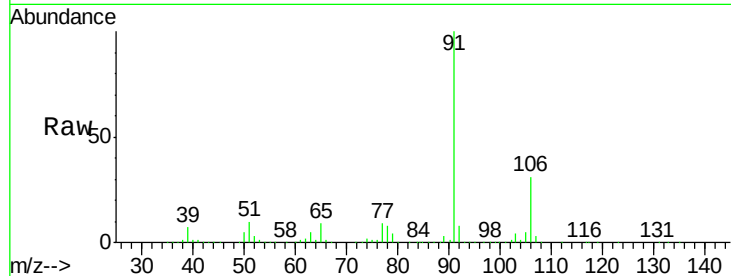
Ion Ratio Lower Upper

91 100

106 31.5 25.5 38.3

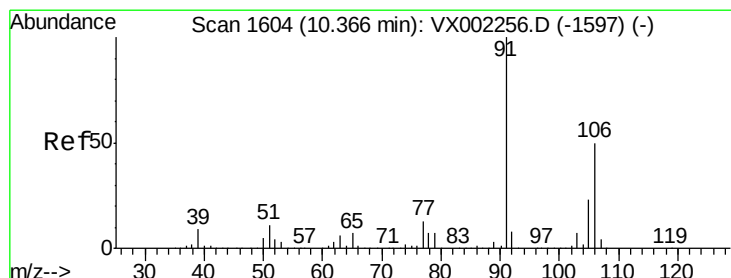
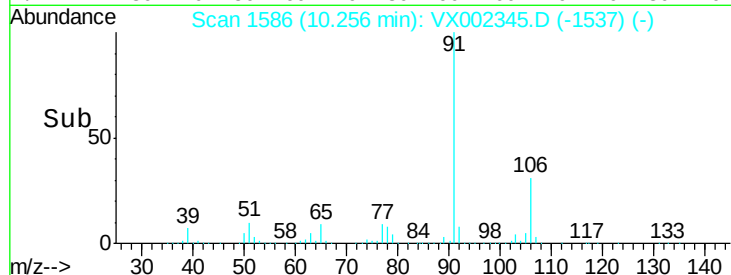
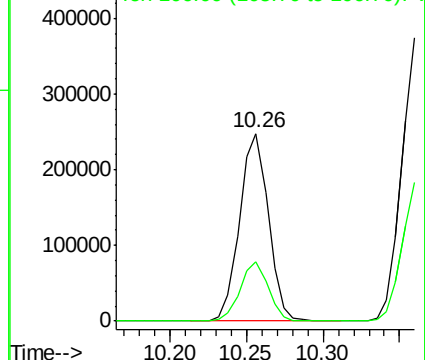
Manual Integrations
APPROVED

MMDadoda
6/7/2018 11:36:13 AM



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 42.10 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.01 min

Lab File: VX002345.D

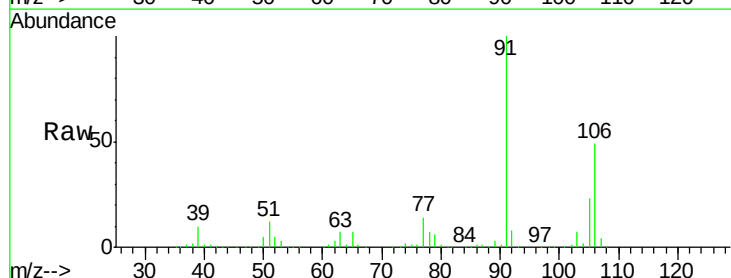
Acq: 06 Jun 2018 11:48

Tgt Ion: 106 Resp: 252683

Ion Ratio Lower Upper

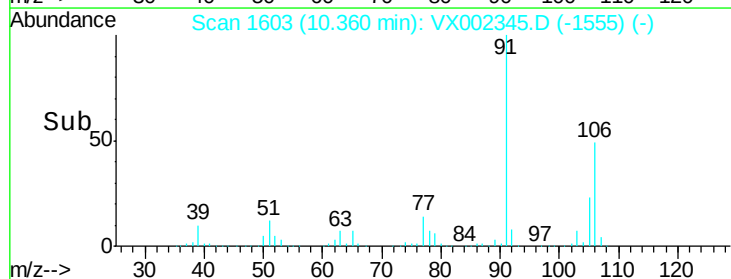
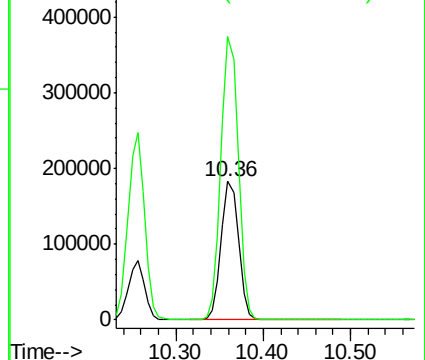
106 100

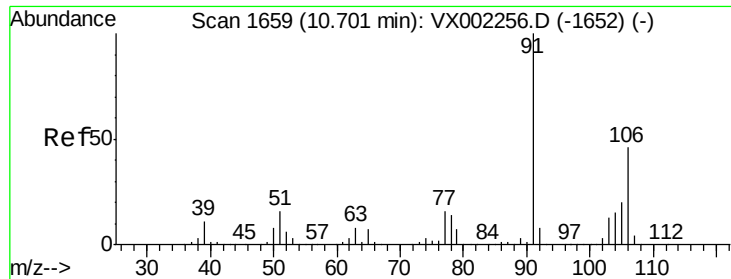
91 203.6 163.4 245.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





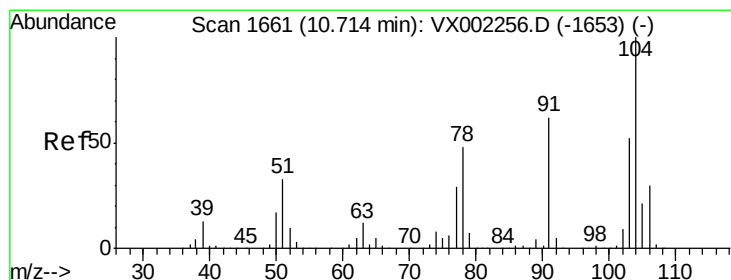
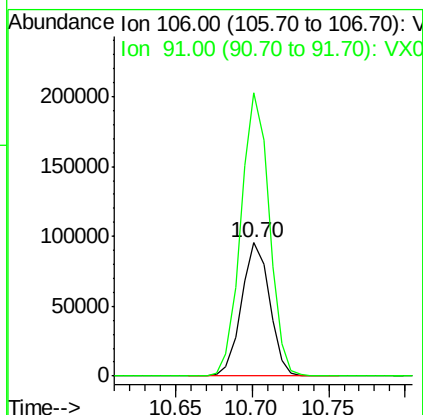
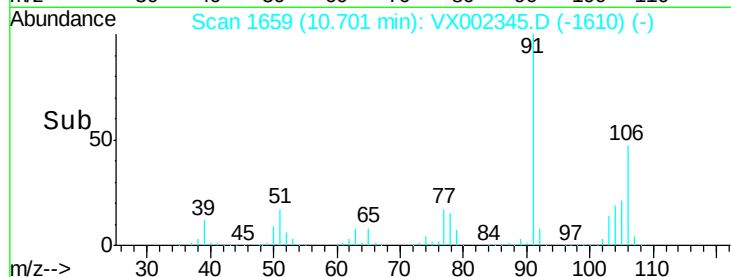
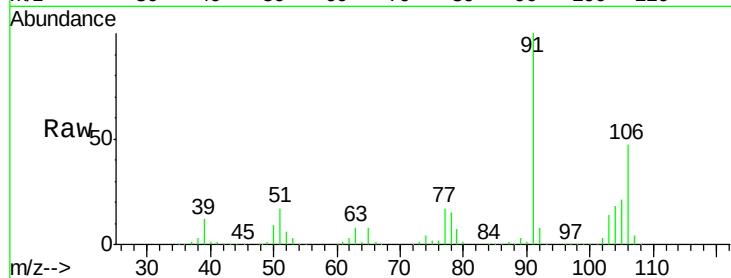
#69
o-Xylene
Concen: 20.46 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002345.D
Acq: 06 Jun 2018 11:48

Instrument :
MSVOA_X
ClientSampled :
VX0606WBS01

Tot Ion:106 Resp: 122222
Ion Ratio Lower Upper
106 100
91 213.8 108.2 324.6

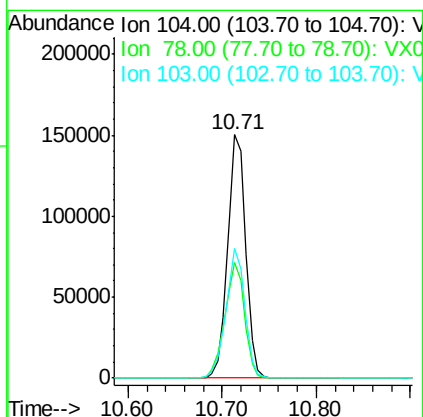
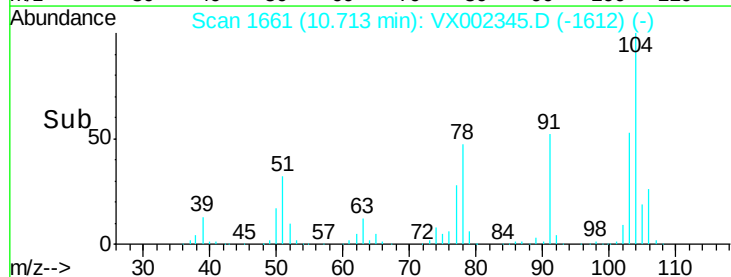
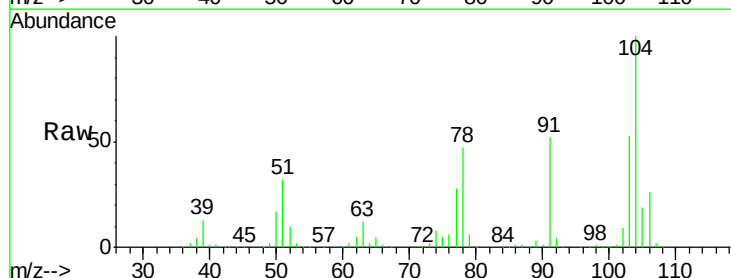
Manual Integrations
APPROVED

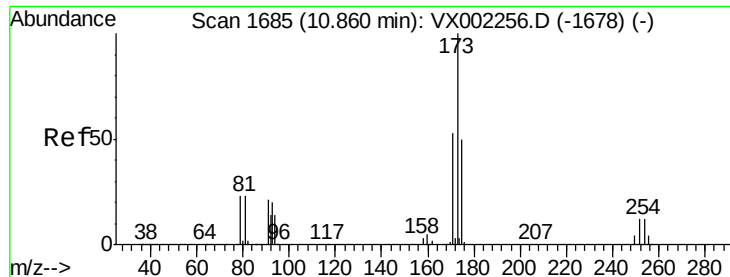
MMDadoda
6/7/2018 11:36:13 AM



#70
Styrene
Concen: 20.55 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX002345.D
Acq: 06 Jun 2018 11:48

Tgt Ion:104 Resp: 200642
Ion Ratio Lower Upper
104 100
78 51.5 41.0 61.6
103 55.7 44.2 66.4





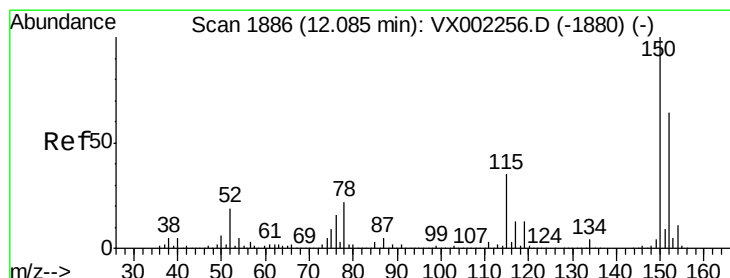
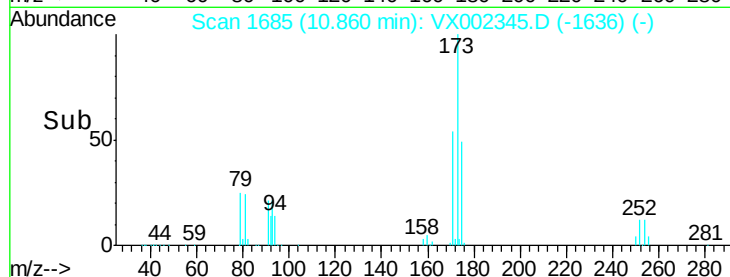
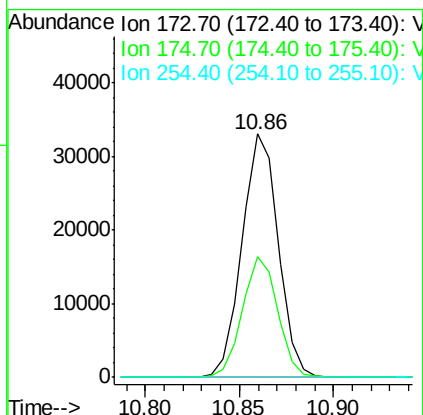
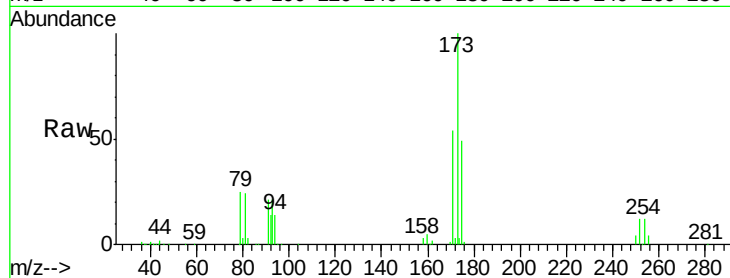
#71
Bromoform
Concen: 17.12 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX002345.D
Acq: 06 Jun 2018 11:48

Instrument :
MSVOA_X
ClientSampled :
VX0606WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.4	24.7	74.1
254	0.0	0.2	0.2

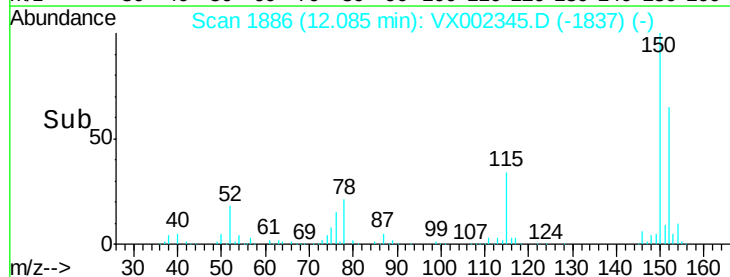
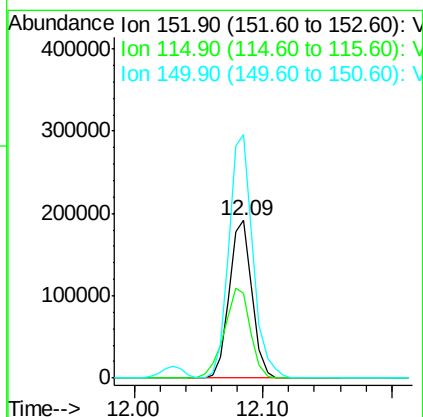
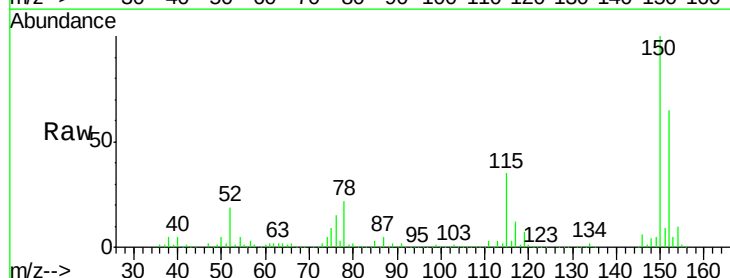
Manual Integrations
APPROVED

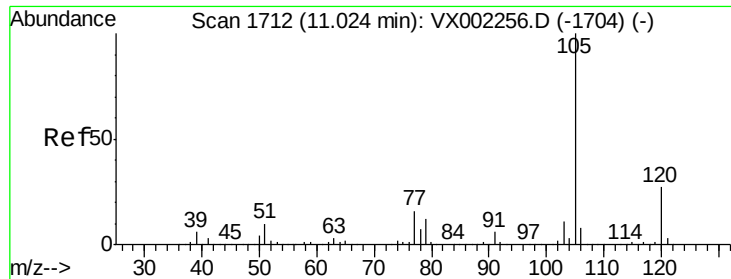
MMDadoda
6/7/2018 11:36:13 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002345.D
Acq: 06 Jun 2018 11:48

Tgt Ion	Ratio	Lower	Upper
152	100		
115	65.5	40.1	120.2
150	163.5	0.0	347.2





#73

Isopropylbenzene

Concen: 20.32 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002345.D

Acq: 06 Jun 2018 11:48

Instrument :

MSVOA_X

ClientSampled :

VX0606WBS01

Tot Ion: 105 Resp: 335079

Ion Ratio Lower Upper

105 100

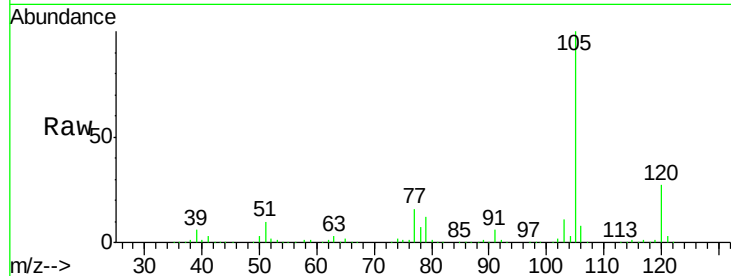
120 26.8 13.5 40.4

Manual Integrations

APPROVED

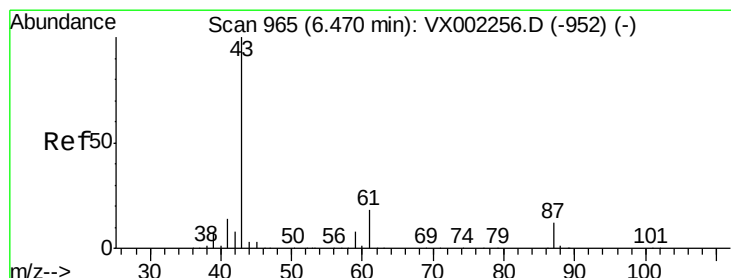
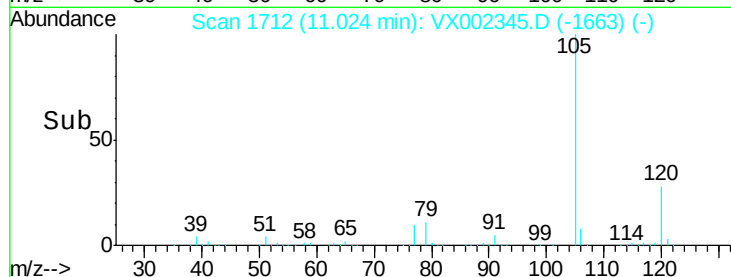
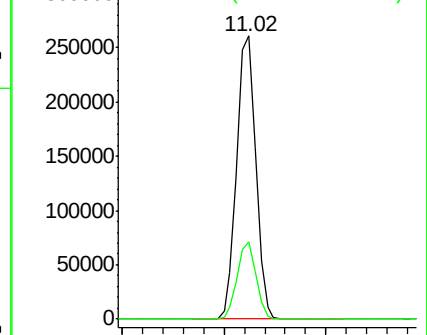
MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.11 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.01 min

Lab File: VX002345.D

Acq: 06 Jun 2018 11:48

Tgt Ion: 43 Resp: 152079

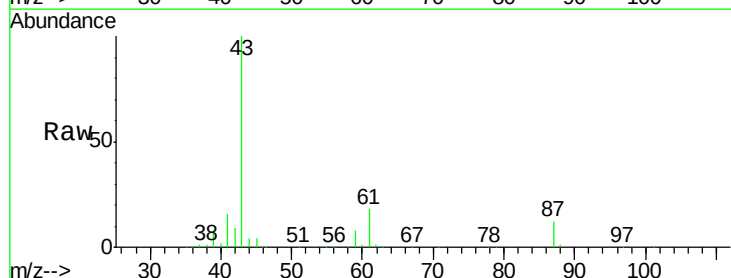
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0#

55 0.2 0.0 0.0#

61 17.9 14.4 21.6

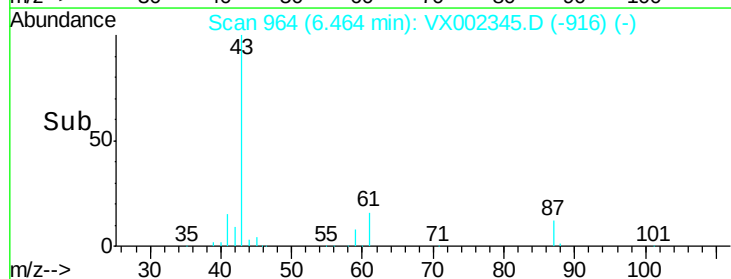
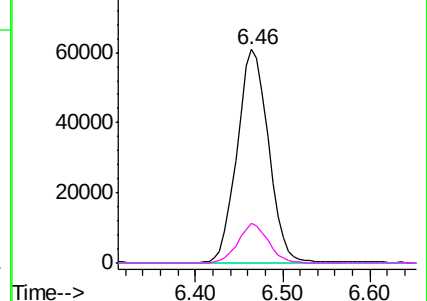


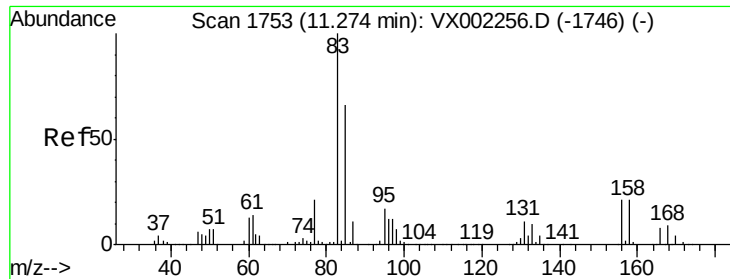
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





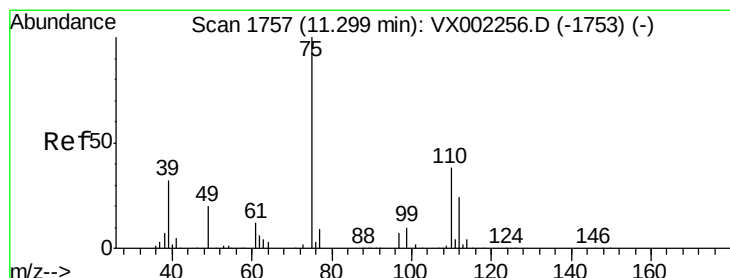
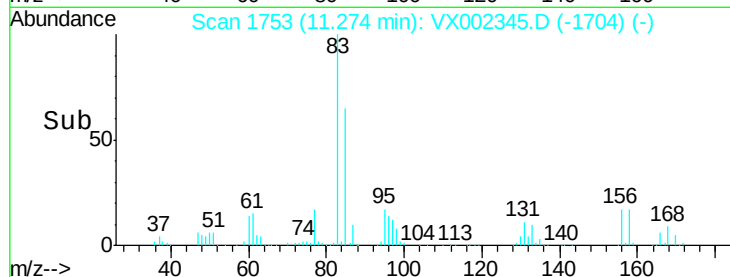
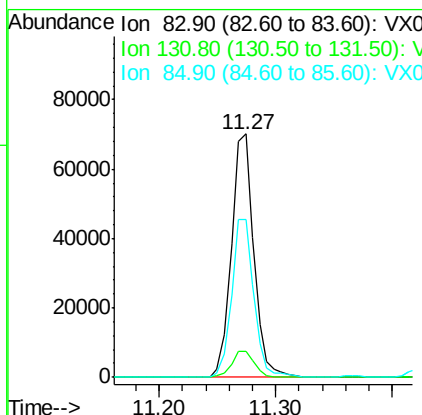
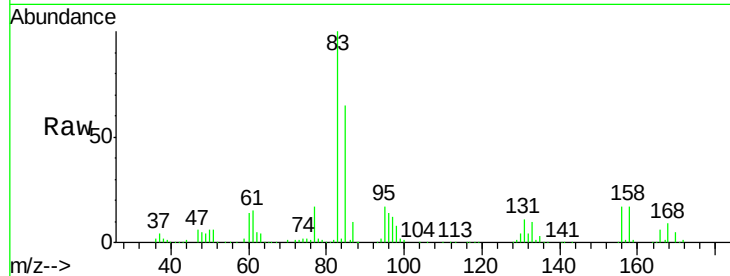
#75
 1,1,2,2-Tetrachloroethane
 Concen: 18.14 ug/l
 RT: 11.27 min Scan# 1753
 Delta R.T. -0.00 min
 Lab File: VX002345.D
 Acq: 06 Jun 2018 11:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0606WBS01

Tot Ion	83	Resp	94097
Ion Ratio	100	Lower	Upper
83	100		
131	10.9	5.6	16.8
85	64.6	32.4	97.2

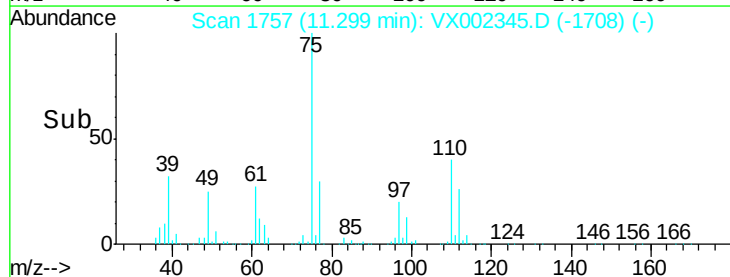
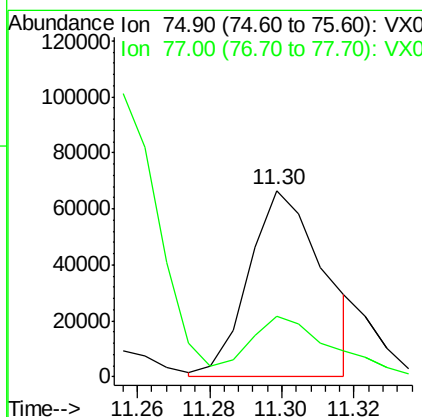
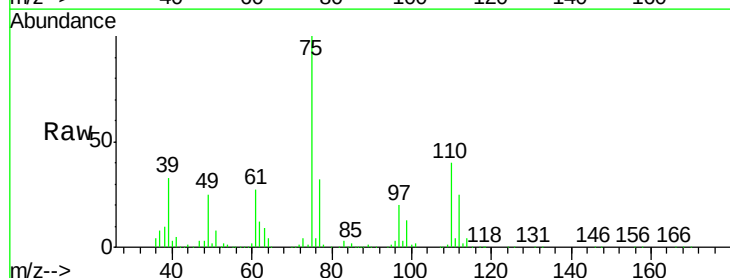
Manual Integrations
 APPROVED

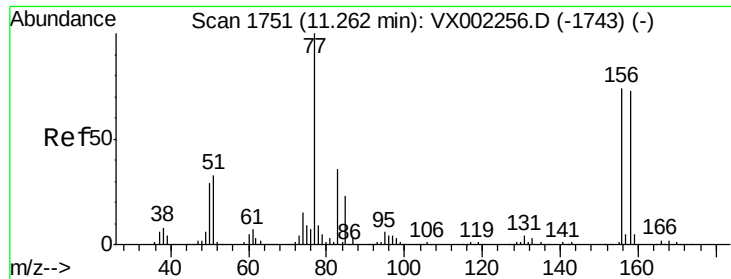
MMDadoda
 6/7/2018 11:36:13 AM



#76
 1,2,3-Trichloropropane
 Concen: 18.31 ug/l m
 RT: 11.30 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VX002345.D
 Acq: 06 Jun 2018 11:48

Tgt Ion	75	Resp	95252
Ion Ratio	100	Lower	Upper
75	100		
77	36.1	22.8	68.3





#77

Bromobenzene

Concen: 19.00 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX002345.D

Acq: 06 Jun 2018 11:48

Instrument :

MSVOA_X

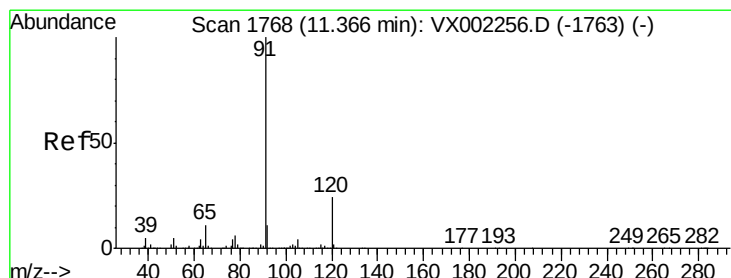
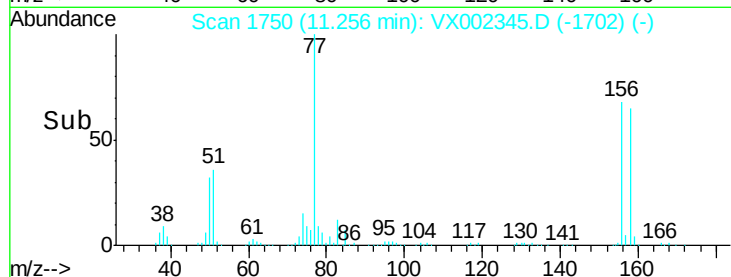
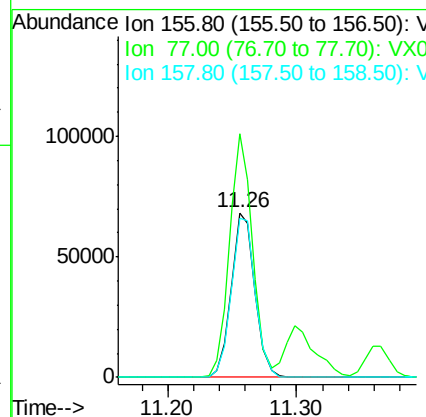
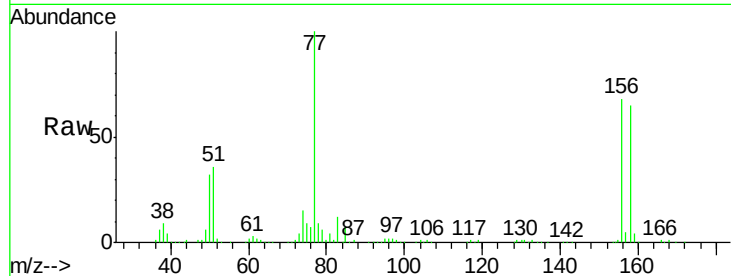
ClientSampled :

VX0606WBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	144.4	71.4	214.2
158	98.2	48.9	146.6

Manual Integrations
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#78

n-propylbenzene

Concen: 21.06 ug/l

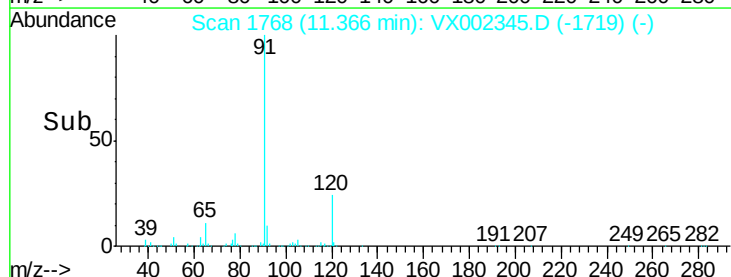
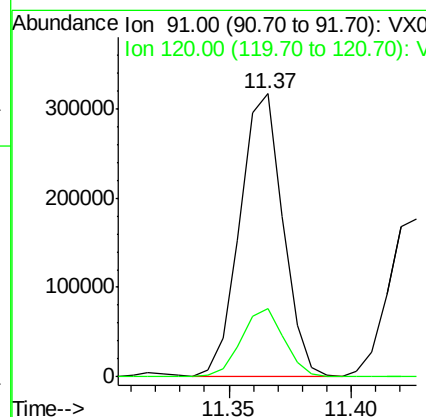
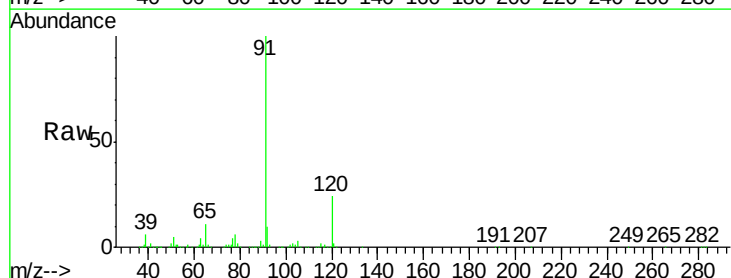
RT: 11.37 min Scan# 1768

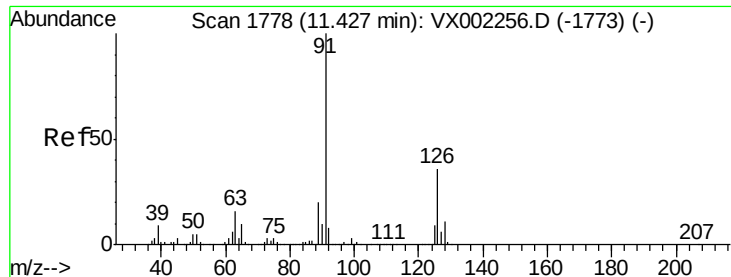
Delta R.T. -0.00 min

Lab File: VX002345.D

Acq: 06 Jun 2018 11:48

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.0	11.8	35.4





#79

2-Chlorotoluene

Concen: 19.53 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002345.D

Acq: 06 Jun 2018 11:48

Instrument :

MSVOA_X

ClientSampled :

VX0606WBS01

Tot Ion: 91 Resp: 226060

Ion Ratio Lower Upper

91 100

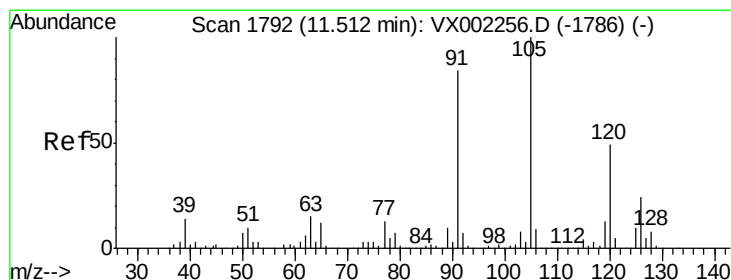
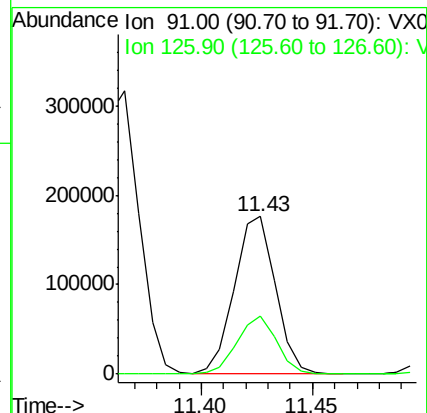
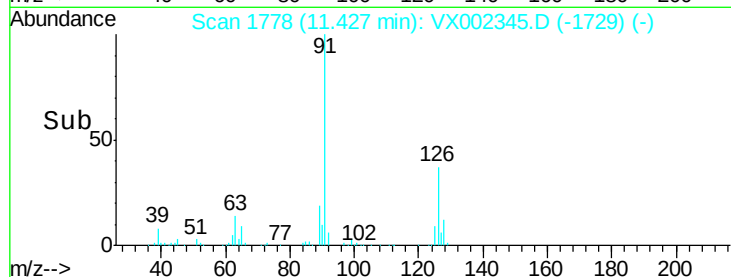
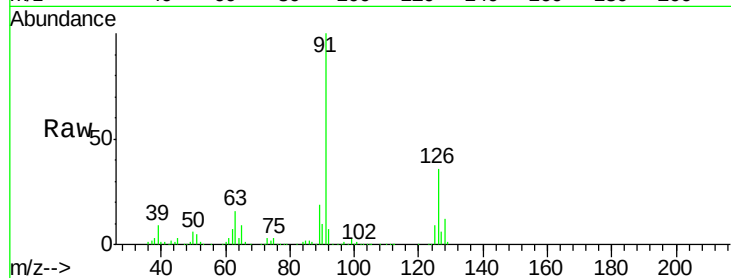
126 35.4 17.7 53.1

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 20.20 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002345.D

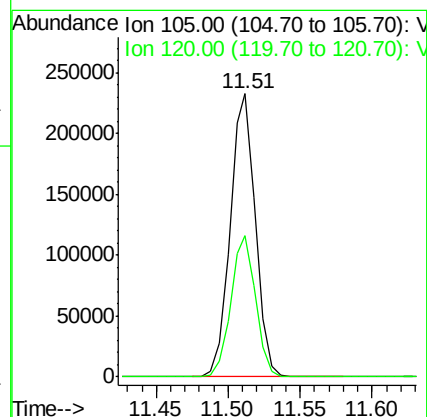
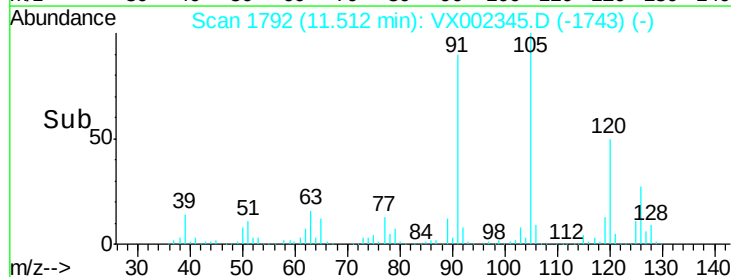
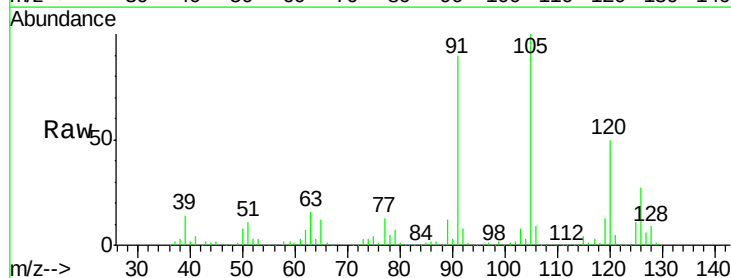
Acq: 06 Jun 2018 11:48

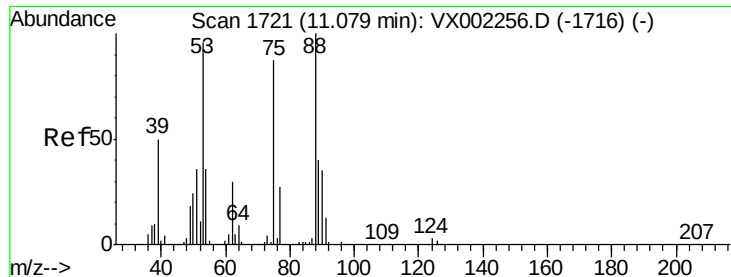
Tgt Ion: 105 Resp: 285746

Ion Ratio Lower Upper

105 100

120 49.2 24.4 73.4





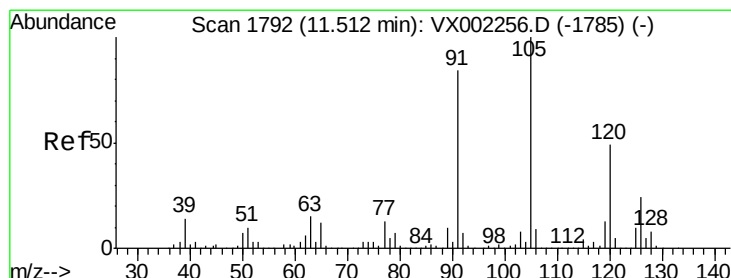
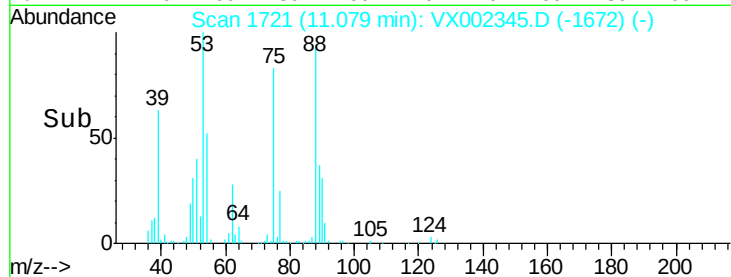
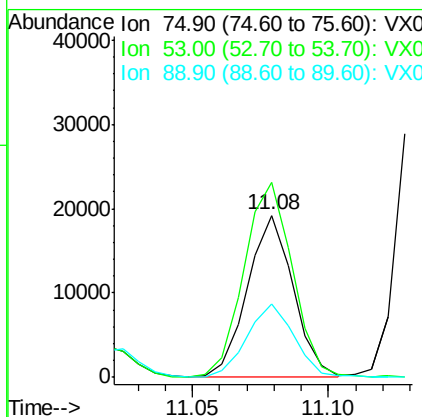
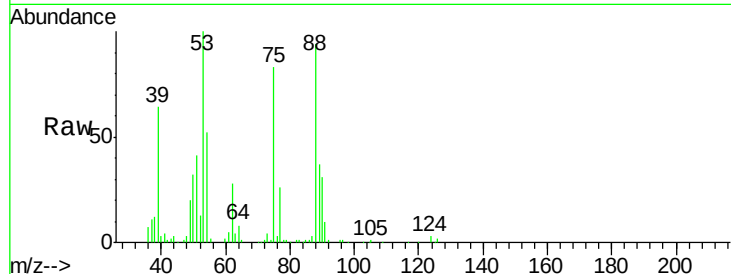
#81
trans-1,4-Dichloro-2-butene
Concen: 15.17 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. -0.00 min
Lab File: VX002345.D
Acq: 06 Jun 2018 11:48

Instrument :
MSVOA_X
ClientSampleId :
VX0606WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	126.3	86.8	130.2
89	46.3	38.2	57.2

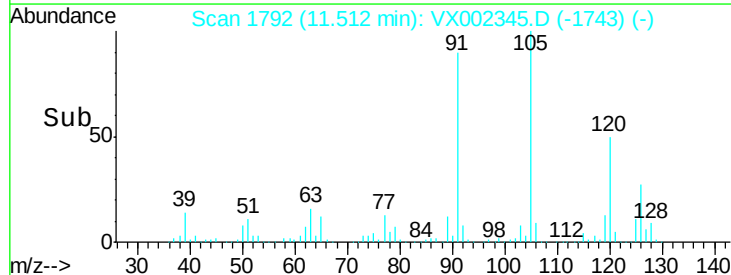
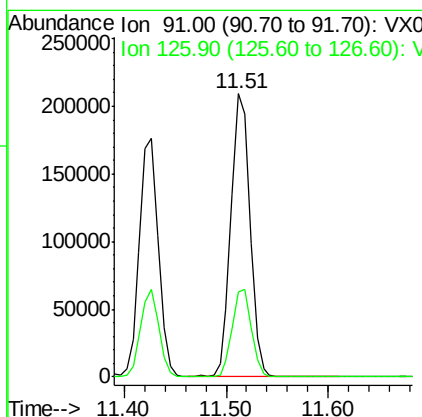
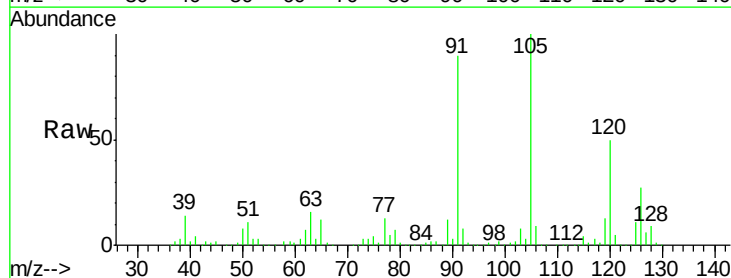
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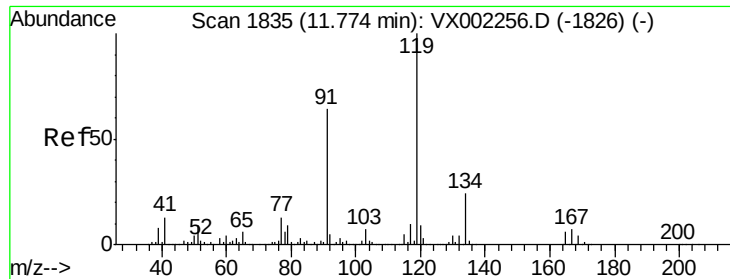
MMDadoda
6/7/2018 11:36:13 AM



#82
4-Chlorotoluene
Concen: 20.18 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX002345.D
Acq: 06 Jun 2018 11:48

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.0	15.4	46.4





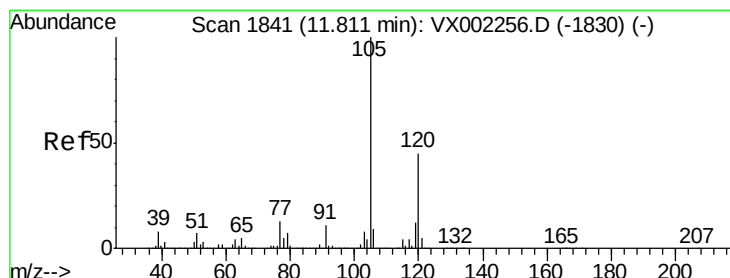
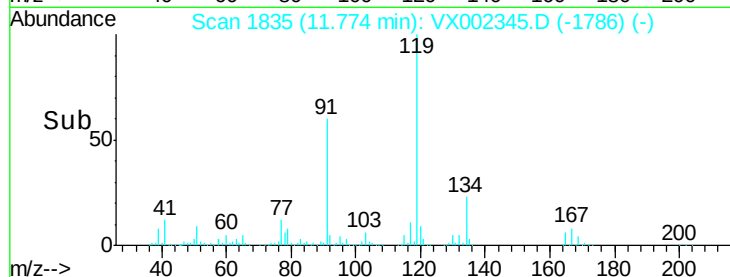
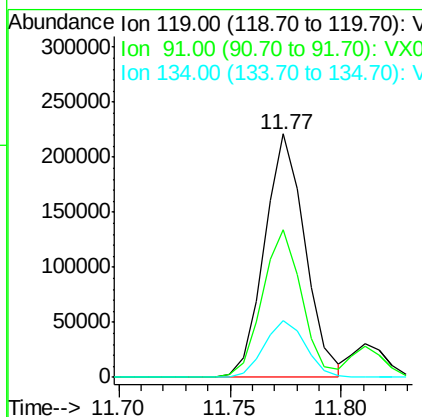
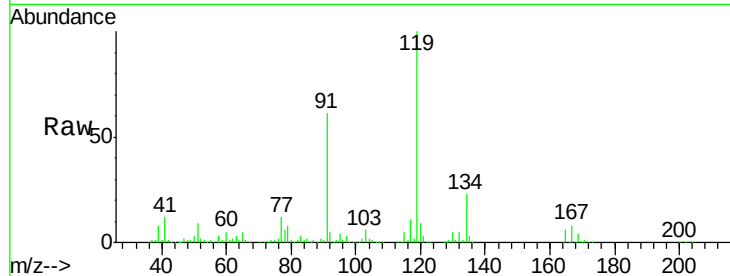
#83
 tert-Butylbenzene
 Concen: 20.34 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002345.D
 Acq: 06 Jun 2018 11:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0606WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	280238		
91	59.5		30.3	90.9
134	23.8		11.7	35.1

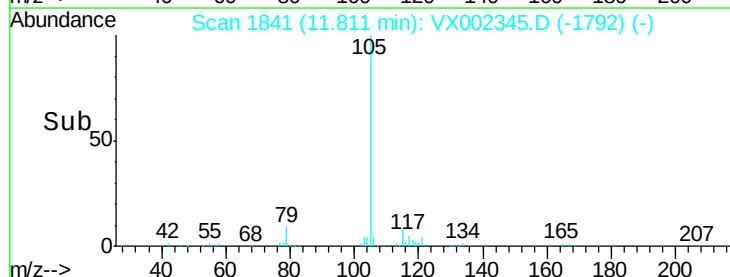
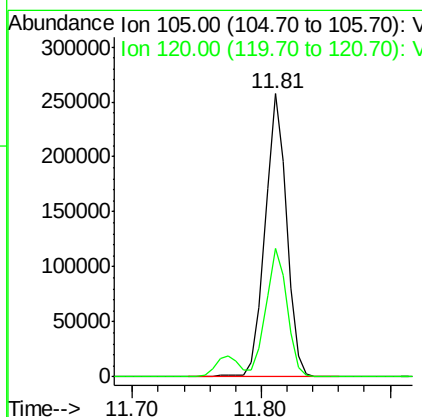
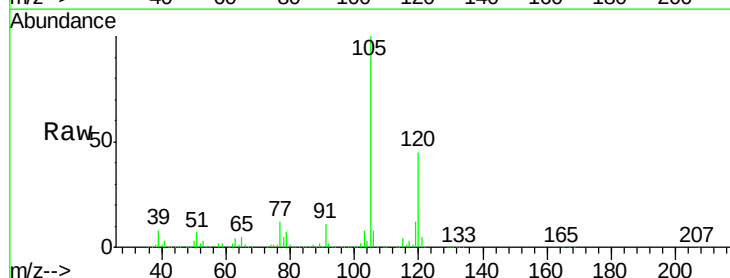
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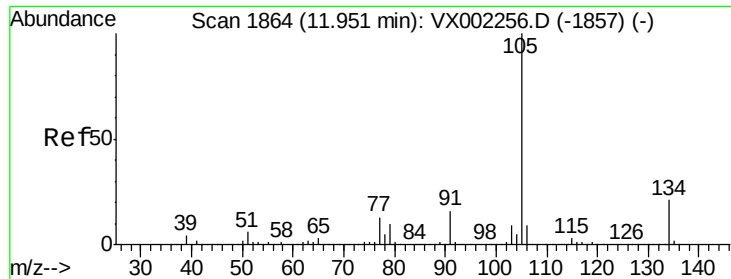
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.42 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002345.D
 Acq: 06 Jun 2018 11:48

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	297299		
120	45.2		22.3	66.8





#85

sec-Butylbenzene

Concen: 21.79 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002345.D

Acq: 06 Jun 2018 11:48

Instrument :

MSVOA_X

ClientSampled :

VX0606WBS01

Tot Ion:105 Resp: 351885

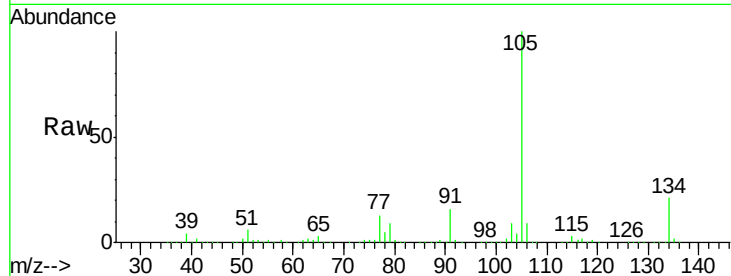
Ion Ratio Lower Upper

105 100

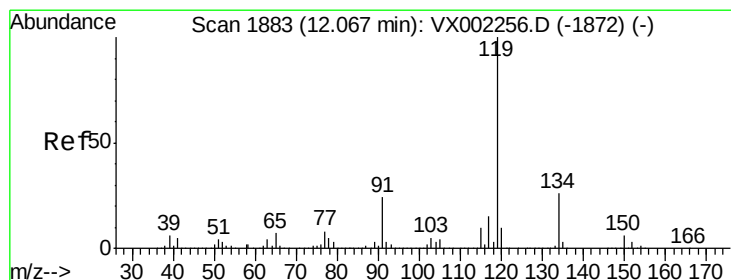
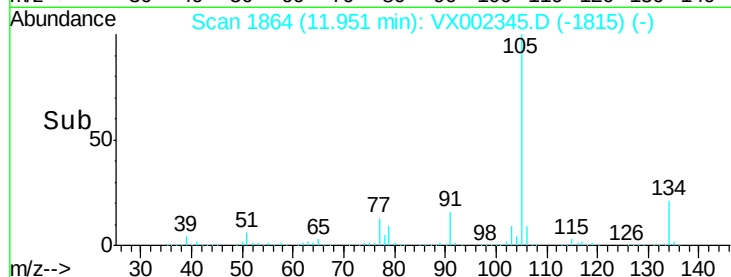
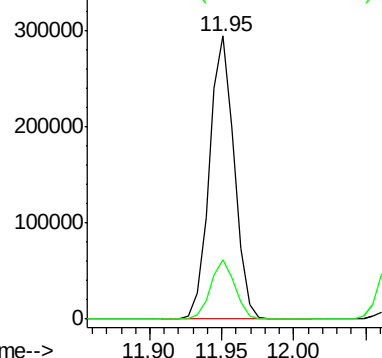
134 20.6 10.4 31.1

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Abundance Ion 105.00 (104.70 to 105.70): V
Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.67 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002345.D

Acq: 06 Jun 2018 11:48

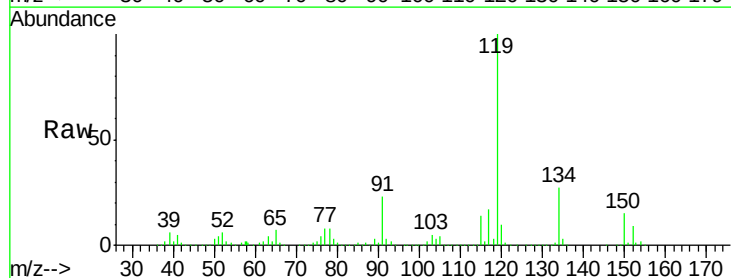
Tgt Ion:119 Resp: 318795

Ion Ratio Lower Upper

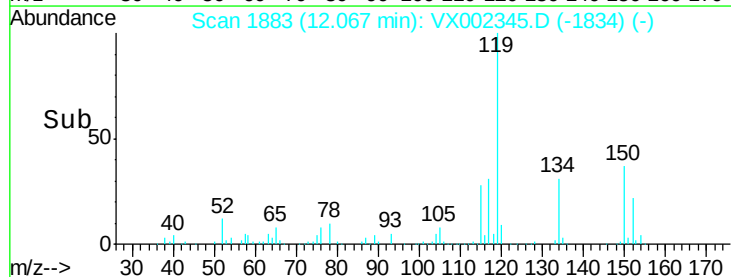
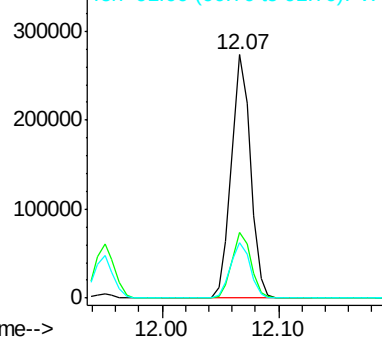
119 100

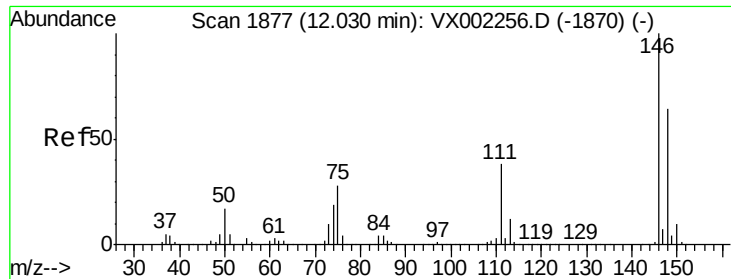
134 27.0 13.4 40.1

91 23.6 11.9 35.7



Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V





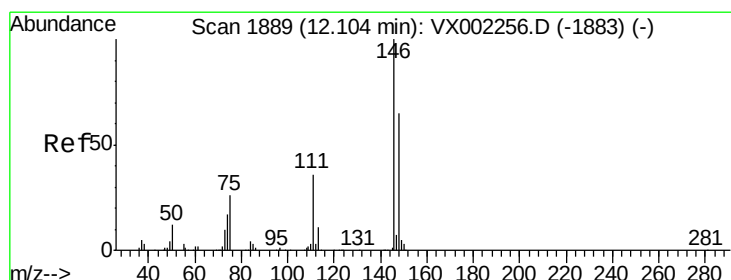
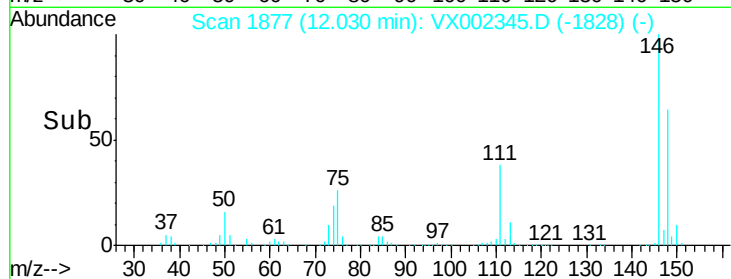
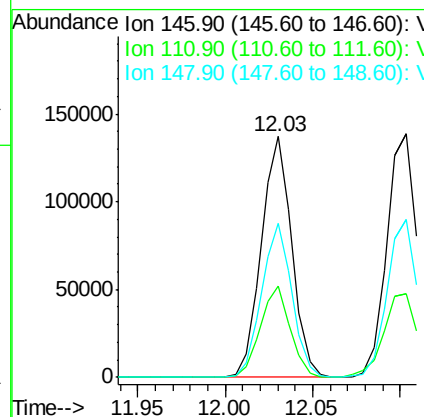
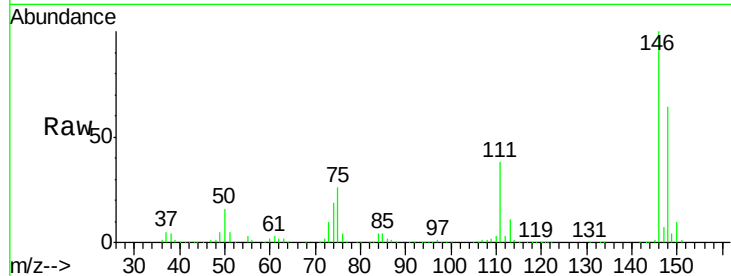
#87
 1,3-Dichlorobenzene
 Concen: 20.22 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002345.D
 Acq: 06 Jun 2018 11:48

Instrument :
 MSVOA_X
 ClientSampled :
 VX0606WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.9	56.7
148	63.5	32.1	96.3

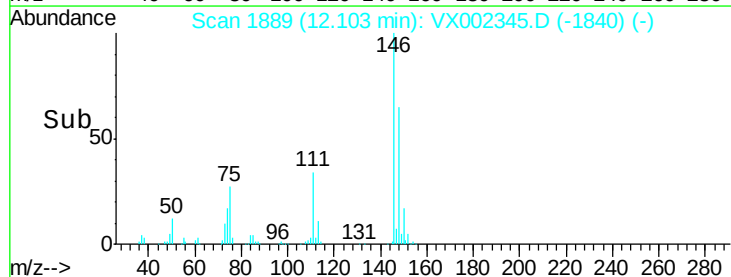
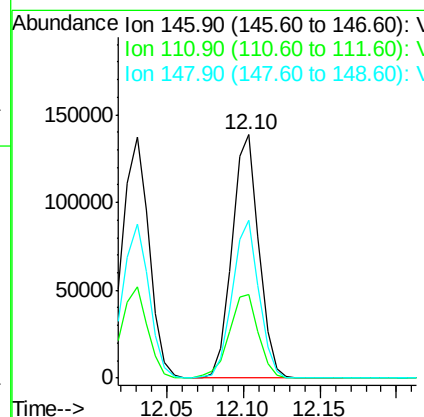
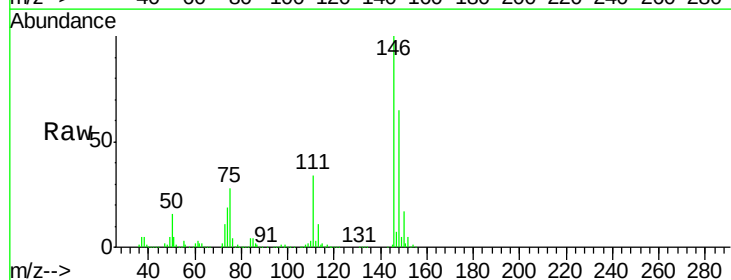
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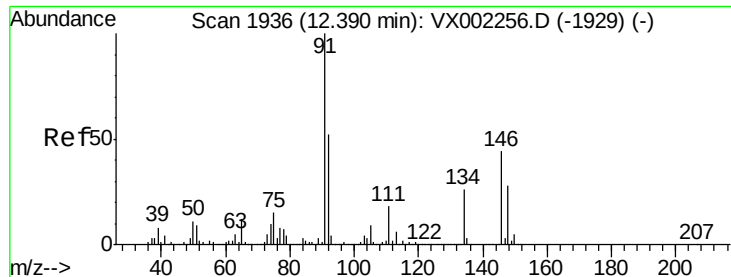
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#88
 1,4-Dichlorobenzene
 Concen: 19.73 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002345.D
 Acq: 06 Jun 2018 11:48

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.7	56.1
148	64.5	32.4	97.0





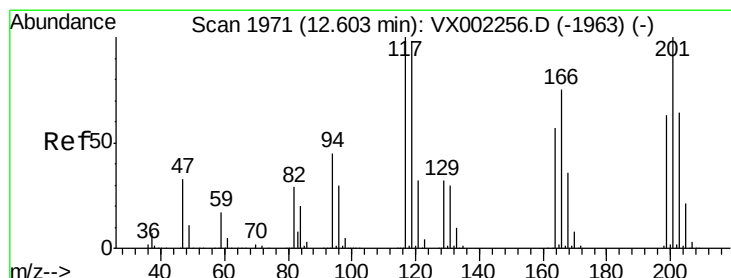
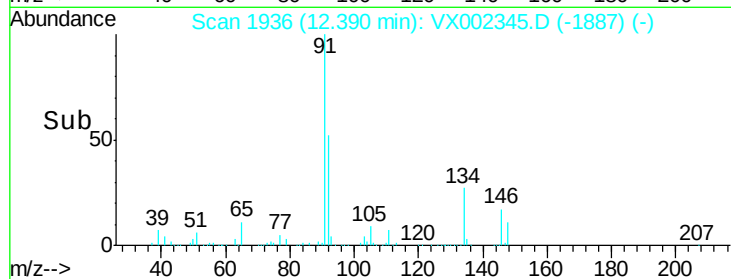
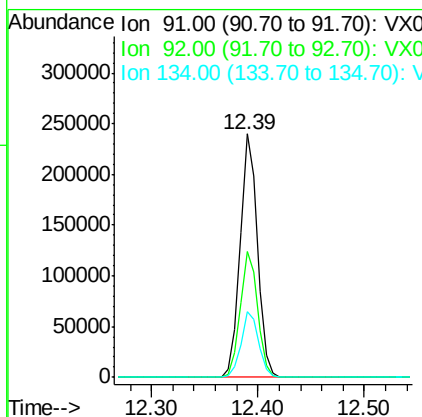
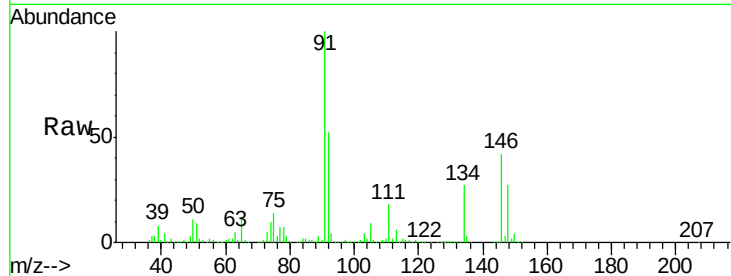
#89
n-Butylbenzene
Concen: 22.25 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX002345.D
Acq: 06 Jun 2018 11:48

Instrument :
MSVOA_X
ClientSampleId :
VX0606WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.1	26.0	78.0
134	27.2	13.5	40.5

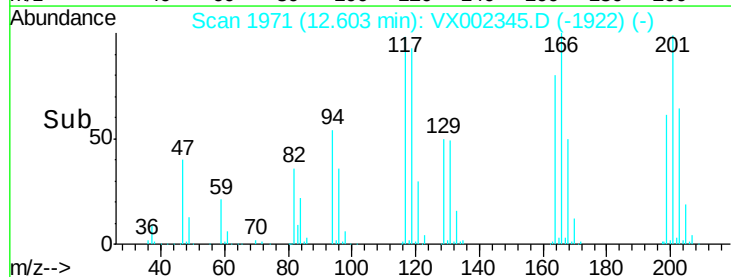
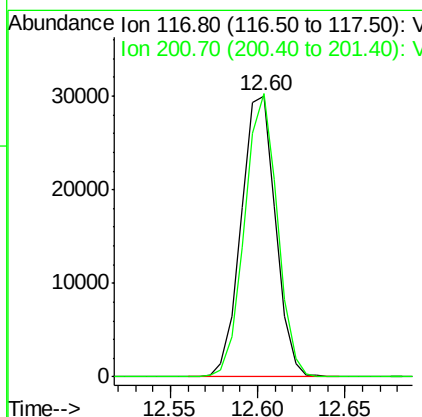
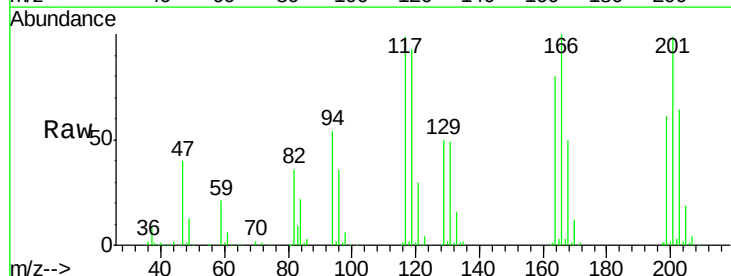
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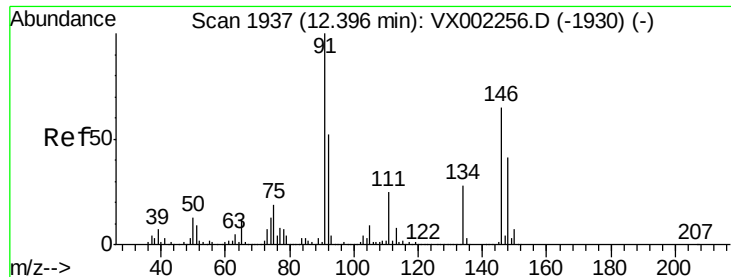
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#90
Hexachloroethane
Concen: 17.45 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX002345.D
Acq: 06 Jun 2018 11:48

Tgt Ion	Ratio	Lower	Upper
117	100		
201	95.6	49.0	147.0





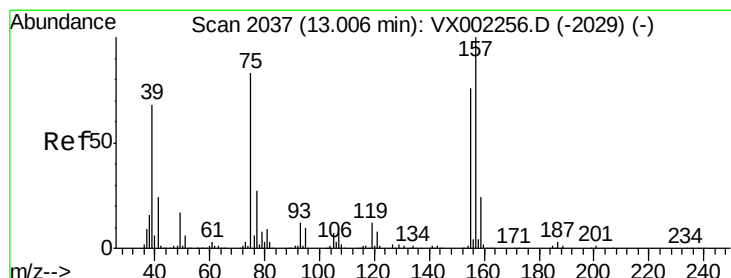
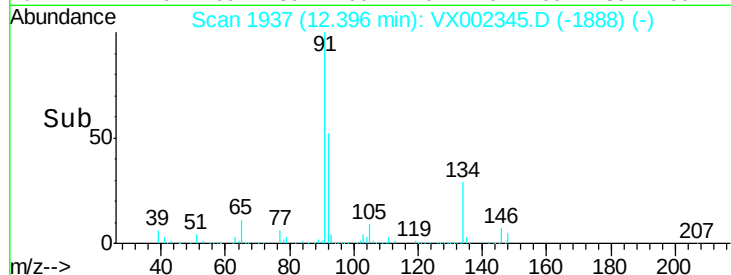
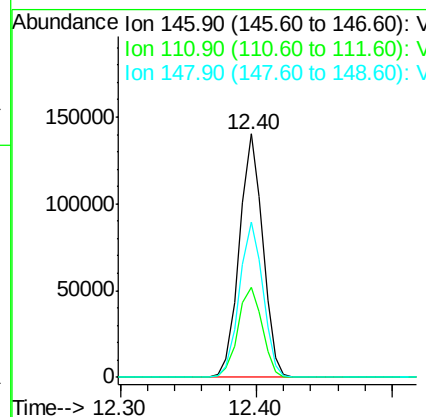
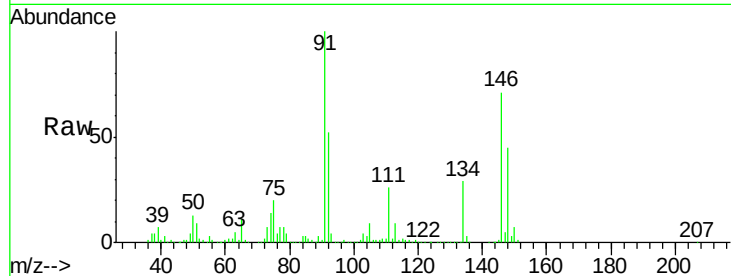
#91
1,2-Dichlorobenzene
Concen: 19.58 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX002345.D
Acq: 06 Jun 2018 11:48

Instrument :
MSVOA_X
ClientSampleId :
VX0606WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	167700		
111	38.5	19.4	58.1	
148	64.5	31.7	95.1	

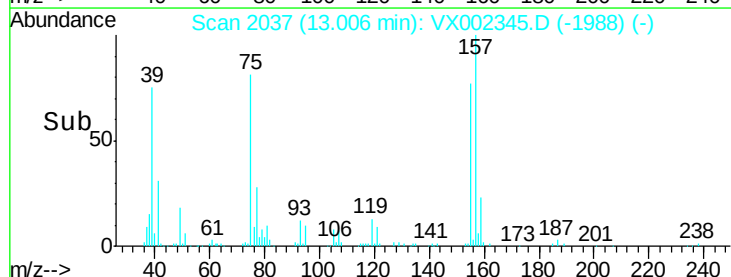
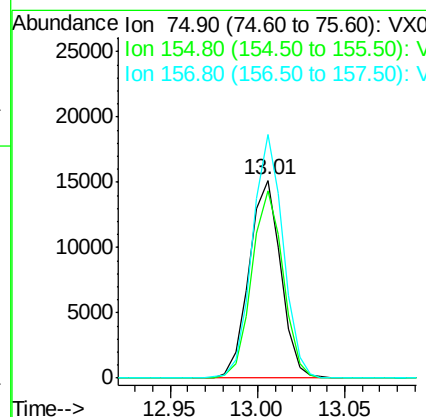
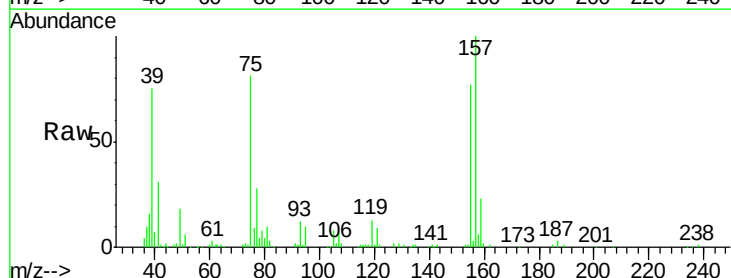
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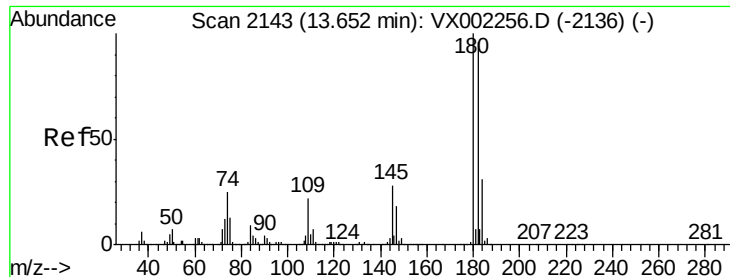
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#92
1,2-Dibromo-3-Chloropropane
Concen: 16.81 ug/l
RT: 13.01 min Scan# 2037
Delta R.T. -0.00 min
Lab File: VX002345.D
Acq: 06 Jun 2018 11:48

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	19067		
155	93.7	45.8	137.4	
157	119.8	60.1	180.3	





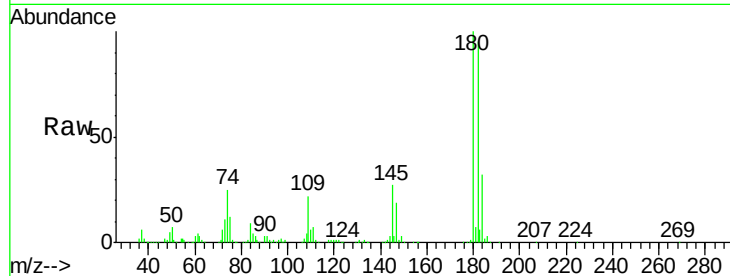
#93
 1,2,4-Trichlorobenzene
 Concen: 20.46 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002345.D
 Acq: 06 Jun 2018 11:48

Instrument :
 MSVOA_X
 ClientSampled :
 VX0606WBS01

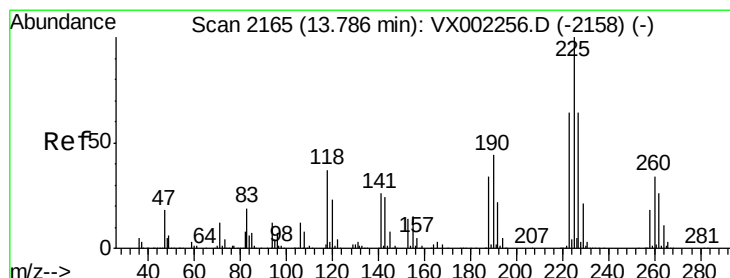
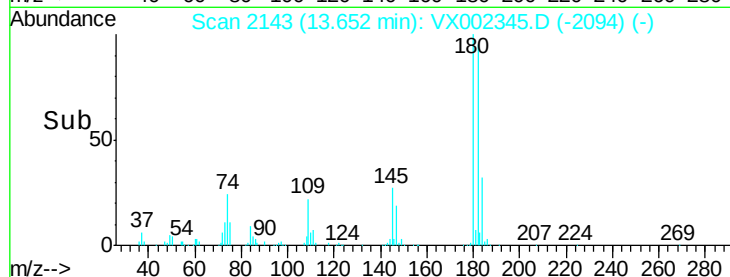
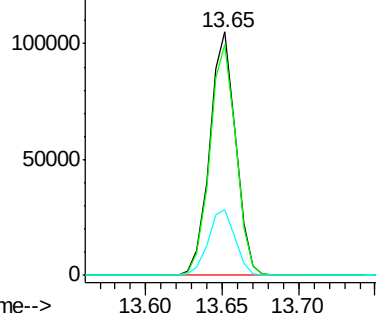
Tot Ion	Ratio	Resp	Lower	Upper
180	100	122850		
182	95.9	47.7	143.1	
145	28.0	14.1	42.4	

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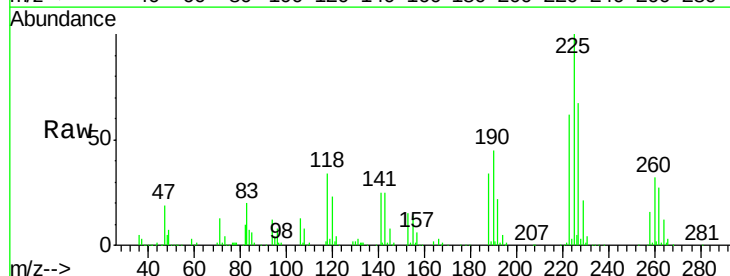


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

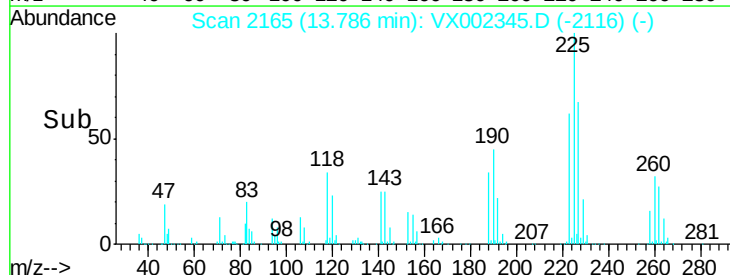
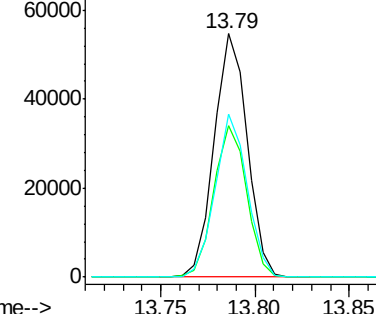


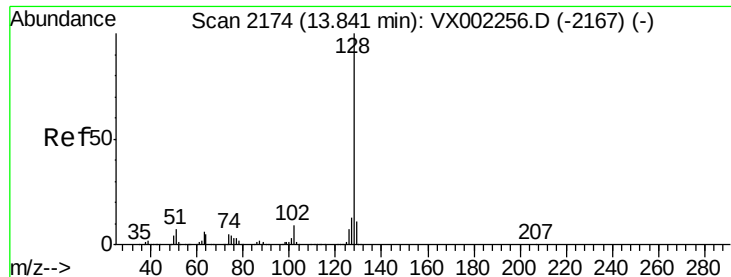
#94
 Hexachlorobutadiene
 Concen: 22.49 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002345.D
 Acq: 06 Jun 2018 11:48

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	66743		
223	61.7	31.6	95.0	
227	64.8	32.4	97.2	



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





#95

Naphthalene

Concen: 19.53 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002345.D

Acq: 06 Jun 2018 11:48

Instrument :

MSVOA_X

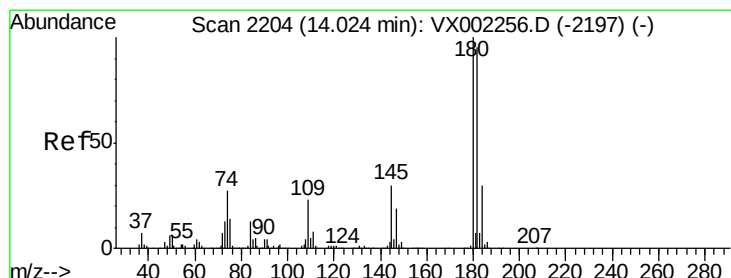
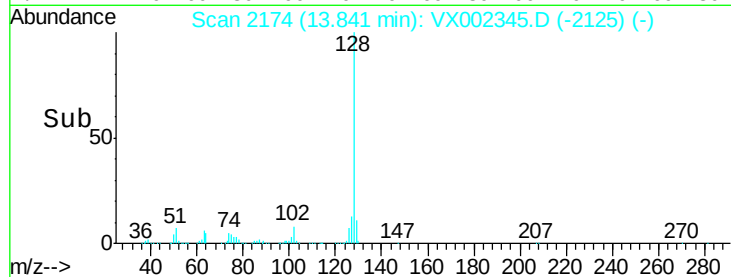
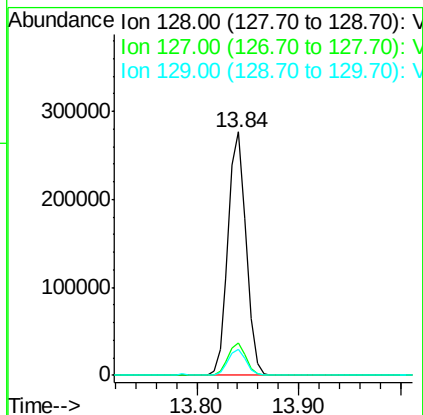
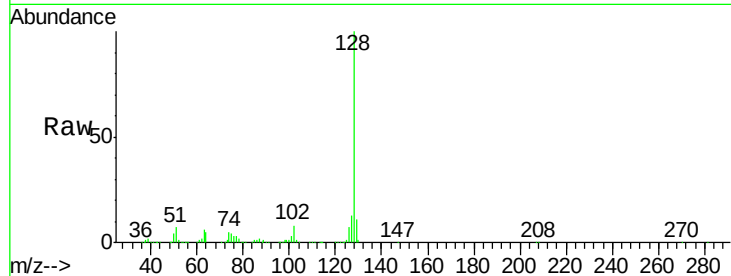
ClientSampleId :

VX0606WBS01

Tot Ion:	128	Resp:	336965
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.4	15.6
129	10.9	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
6/7/2018 11:36:13 AM



#96

1,2,3-Trichlorobenzene

Concen: 20.46 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX002345.D

Acq: 06 Jun 2018 11:48

Tgt Ion:	180	Resp:	125330
Ion Ratio	Lower	Upper	
180	100		
182	96.3	48.0	144.0
145	29.7	14.8	44.3

