

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061818\
 Data File : VX002685.D
 Acq On : 18 Jun 2018 17:54
 Operator : JC/MD
 Sample : VX0618WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0618WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/19/2018 1:05:32 PM

Quant Time: Jun 19 05:27:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X061818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jun 18 15:18:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	42945	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	239911	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	220315	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	99705	30.40	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.33%
60) 4-Bromofluorobenzene	11.14	95	108199	29.74	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.13%
63) Toluene-d8	8.72	98	295378	30.69	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.30%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.20	85	40066	19.55	ug/l	100
3) Chloromethane	1.32	50	44436	19.97	ug/l	99
4) Vinyl Chloride	1.40	62	49861	20.11	ug/l	99
5) Bromomethane	1.64	94	31490	21.74	ug/l	97
6) Chloroethane	1.73	64	32838	19.69	ug/l	96
7) Trichlorofluoromethane	1.93	101	88479	20.08	ug/l	99
8) Diethyl Ether	2.19	74	32159	20.47	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	49811	19.75	ug/l	98
10) 1,1-Dichloroethene	2.37	96	43630	19.65	ug/l	98
11) Methyl Iodide	2.51	142	40513	15.84	ug/l	99
12) Methyl Acetate	2.78	43	80550	22.36	ug/l	98
13) Acrolein	2.30	56	21790	85.06	ug/l	98
14) Acrylonitrile	3.15	53	144652	106.75	ug/l	99
15) Acetone	2.45	58	41663	110.61	ug/l	91
16) Carbon Disulfide	2.57	76	103867	18.68	ug/l	99
17) Allyl chloride	2.73	41	87700	19.85	ug/l	95
18) Methylene Chloride	2.86	84	51607	20.31	ug/l	98
19) trans-1,2-Dichloroethene	3.17	96	47503	19.95	ug/l	98
20) Diisopropyl ether	3.88	45	160815	19.53	ug/l	98
21) 1,1-Dichloroethane	3.70	63	93174	21.05	ug/l	99
22) cis-1,2-Dichloroethene	4.60	96	51517	20.13	ug/l #	79
23) tert-Butyl Alcohol	3.08	59	69124	112.35	ug/l #	100
24) Methyl tert-Butyl Ether	3.21	73	170981	20.63	ug/l	99
25) Chloroform	5.22	83	88563	19.94	ug/l	98
26) Cyclohexane	5.58	56	71902	19.12	ug/l #	94
29) 1,1-Dichloropropene	5.80	75	63542	19.61	ug/l	100
30) 2-Butanone	4.72	43	197601	106.59	ug/l	98
31) 2,2-Dichloropropane	4.59	77	67438	19.48	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	74990	19.16	ug/l	99
33) Carbon Tetrachloride	5.79	117	67346	19.14	ug/l	96
34) Benzene	6.15	78	189440	19.74	ug/l	98
35) Methacrylonitrile	5.07	41	41901	20.76	ug/l	98
36) 1,2-Dichloroethane	6.20	62	75175	19.96	ug/l	99
37) Trichloroethene	7.22	130	54825	19.51	ug/l	89
38) Methylcyclohexane	7.46	83	74903	19.00	ug/l	99
39) 1,2-Dichloropropane	7.53	63	49174	19.65	ug/l	96
40) Dibromomethane	7.67	93	34842	20.04	ug/l	99

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	62123	19.02	ug/l	95
42) Vinyl Acetate	3.83	43	715200	101.72	ug/l	100
43) Ethyl Acetate	4.87	43	74793	21.09	ug/l	100
44) Isopropyl Acetate	6.47	43	119185	20.06	ug/l	99
45) 1,4-Dioxane	7.76	88	26135	449.05	ug/l #	86
46) Methyl methacrylate	7.79	41	61139	20.14	ug/l	97
47) n-amyl Acetate	10.90	43	104403	18.62	ug/l #	90
48) t-1,3-Dichloropropene	8.44	75	71969	18.77	ug/l	97
49) cis-1,3-Dichloropropene	9.05	75	65255	18.22	ug/l	98
50) 1,1,2-Trichloroethane	9.22	97	51863	20.22	ug/l	98
51) Ethyl methacrylate	9.19	69	74748	19.31	ug/l	95
52) 1,3-Dichloropropane	9.38	76	83488	19.93	ug/l	100
53) Dibromochloromethane	9.59	129	49582	18.21	ug/l	100
54) 1,2-Dibromoethane	9.68	107	52967	19.60	ug/l	99
55) 2-Chloroethyl vinyl ether	8.32	63	185754	101.01	ug/l	99
56) Bromoform	10.86	173	37291	17.16	ug/l	97
58) 4-Methyl-2-Pentanone	8.65	43	400099	106.96	ug/l	98
59) 2-Hexanone	9.50	43	305144	106.71	ug/l	100
61) Tetrachloroethene	9.34	164	60023	19.85	ug/l	96
62) Toluene	8.79	91	215047	20.25	ug/l	97
64) Chlorobenzene	10.14	112	140778	19.95	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.23	131	51147	19.78	ug/l	100
66) Ethyl Benzene	10.26	91	236841	19.80	ug/l	100
67) m/p-Xylenes	10.36	106	182083	39.18	ug/l	99
68) o-Xylene	10.70	106	89180	19.69	ug/l	98
69) Styrene	10.71	104	148017	19.59	ug/l	98
70) Isopropylbenzene	11.02	105	247139	19.79	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.27	83	75948	20.35	ug/l	100
72) 1,2,3-Trichloropropane	11.30	75	77079m	23.82	ug/l	
73) Bromobenzene	11.26	156	67291	19.38	ug/l	94
74) n-propylbenzene	11.37	91	281258	19.40	ug/l	99
75) 2-Chlorotoluene	11.43	91	166380	19.72	ug/l	97
76) 1,3,5-Trimethylbenzene	11.51	105	206671	19.49	ug/l	99
77) t-1,4-Dichloro-2-butene	11.08	75	18092	17.38	ug/l	77
78) 4-Chlorotoluene	11.51	91	193883	19.40	ug/l	98
79) tert-butylbenzene	12.07	119	226662	19.38	ug/l	99
80) 1,2,4-Trimethylbenzene	11.81	105	209757	19.37	ug/l	98
81) sec-Butylbenzene	11.95	105	252782	19.49	ug/l	99
82) p-Isopropyltoluene	12.07	119	226662	19.38	ug/l	99
83) 1,3-Dichlorobenzene	12.03	146	124348	19.46	ug/l	99
84) 1,4-Dichlorobenzene	12.10	146	124197	19.24	ug/l	99
85) n-Butylbenzene	12.39	91	193723	18.69	ug/l	98
86) Hexachloroethane	12.60	117	31982	18.04	ug/l	98
87) 1,2-Dichlorobenzene	12.40	146	126629	19.62	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	13.01	75	15707	18.84	ug/l	91
89) 1,2,4-Trichlorobenzene	13.65	180	93343	19.16	ug/l	99
90) Hexachlorobutadiene	13.79	225	48750	19.22	ug/l	98
91) Naphthalene	13.84	128	257158	19.92	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	95245	19.65	ug/l	100

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MSVOA_X
ClientSampleId :
VX0618WBSD01

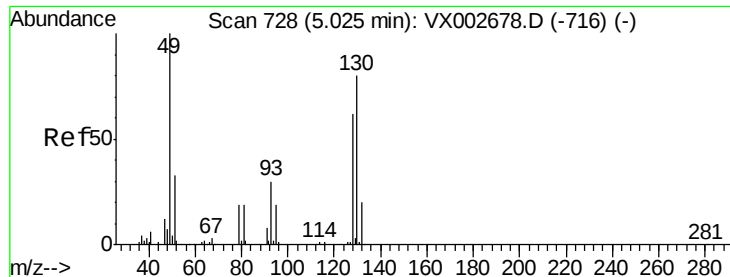
Manual Integrations
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QLast Update : Mon Jun 18 15:18:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX002685.D

Acq: 18 Jun 2018 17:54

Instrument :

MSVOA_X

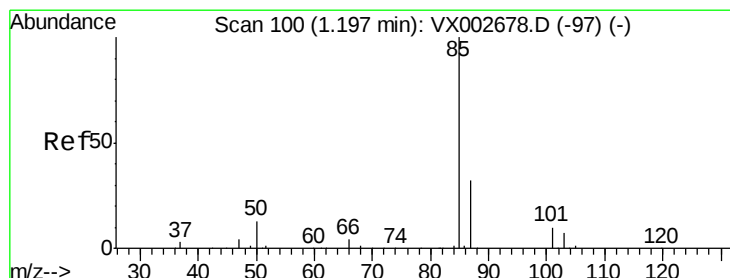
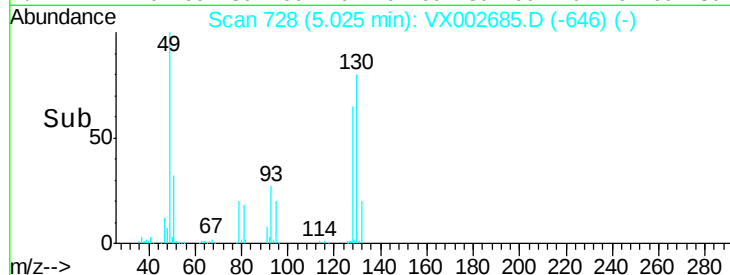
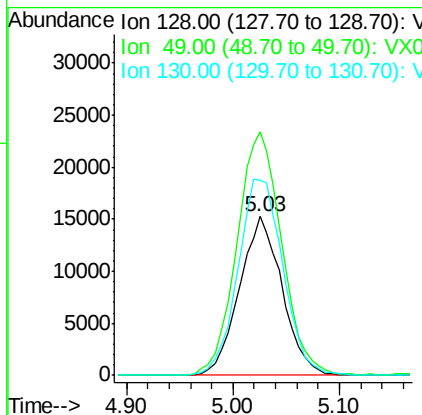
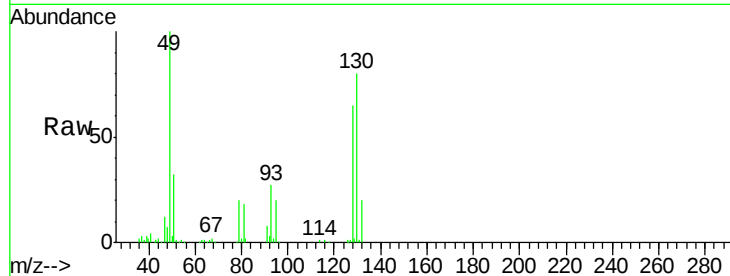
ClientSampleId :

VX0618WBSD01

Tot Ion:	128	Resp:	42945
Ion	Ratio	Lower	Upper
128	100		
49	160.6	0.0	423.0
130	130.5	0.0	324.3

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#2

Dichlorodifluoromethane

Concen: 19.55 ug/l

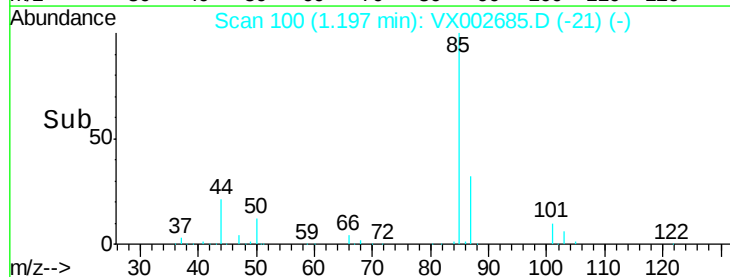
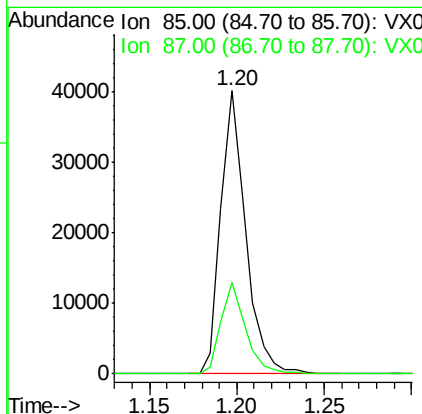
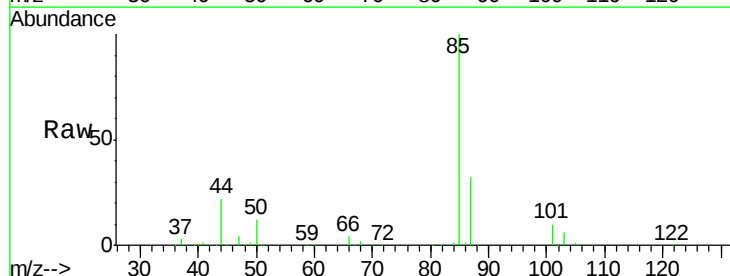
RT: 1.20 min Scan# 100

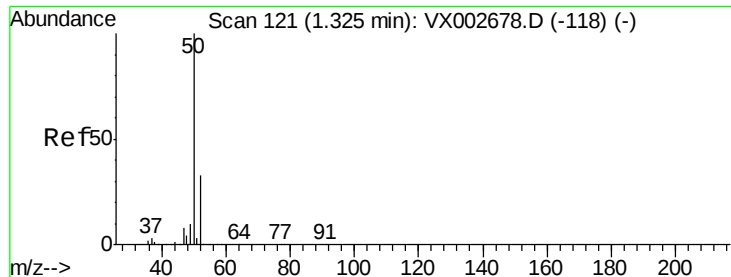
Delta R.T. 0.00 min

Lab File: VX002685.D

Acq: 18 Jun 2018 17:54

Tgt Ion:	85	Resp:	40066
Ion	Ratio	Lower	Upper
85	100		
87	32.1	16.2	48.5





#3

Chloromethane

Concen: 19.97 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002685.D

Acq: 18 Jun 2018 17:54

Instrument :

MSVOA_X

ClientSampleId :

VX0618WBSD01

Tot Ion: 50 Resp: 44436

Ion Ratio Lower Upper

50 100

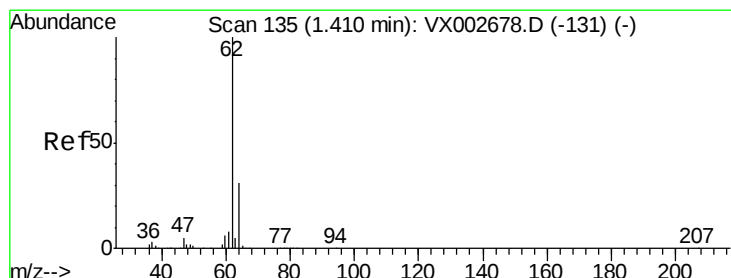
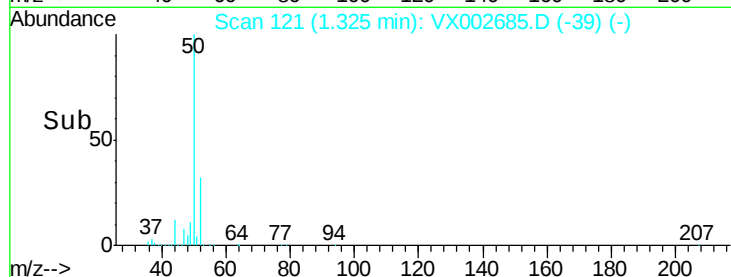
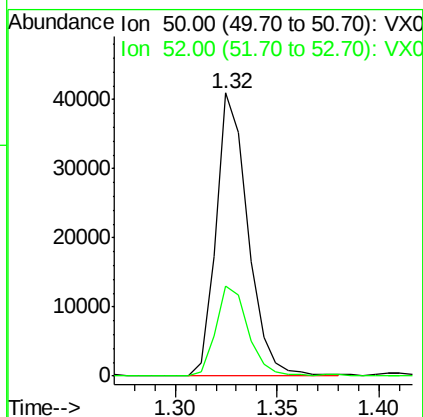
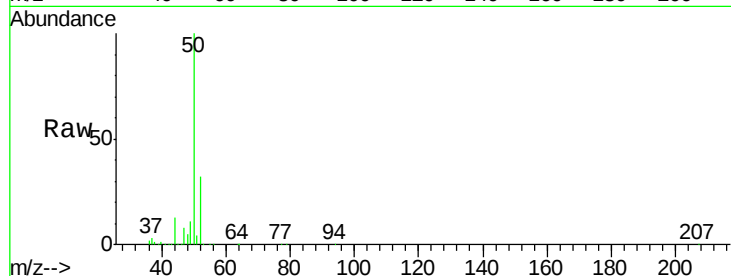
52 31.6 25.6 38.4

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.11 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX002685.D

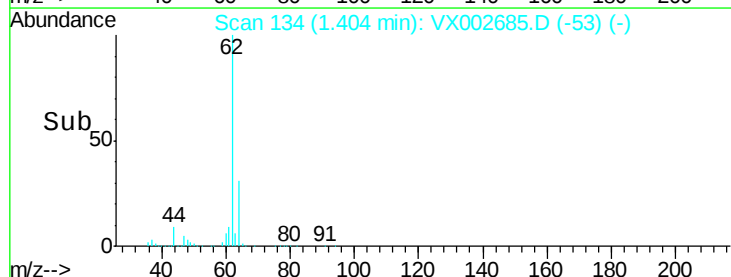
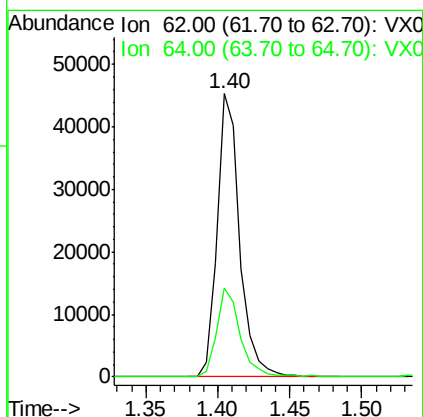
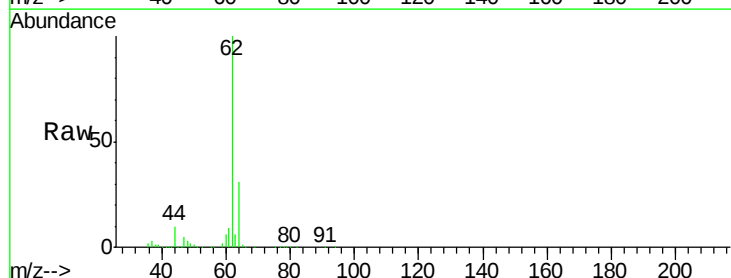
Acq: 18 Jun 2018 17:54

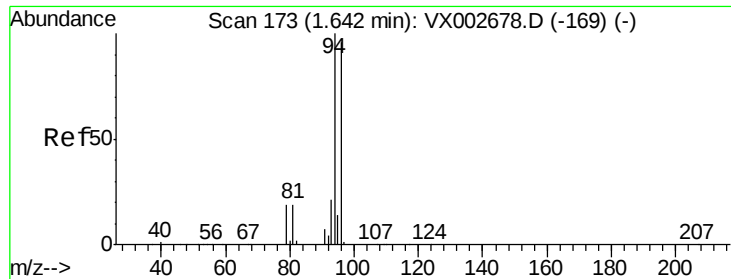
Tgt Ion: 62 Resp: 49861

Ion Ratio Lower Upper

62 100

64 31.2 25.3 37.9





#5

Bromomethane

Concen: 21.74 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX002685.D

Acq: 18 Jun 2018 17:54

Instrument :

MSVOA_X

ClientSampleId :

VX0618WBSD01

Tot Ion: 94 Resp: 31490

Ion Ratio Lower Upper

94 100

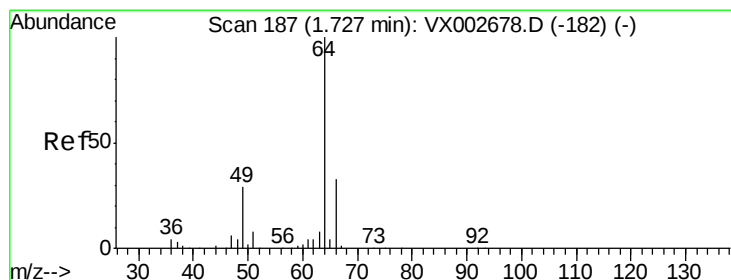
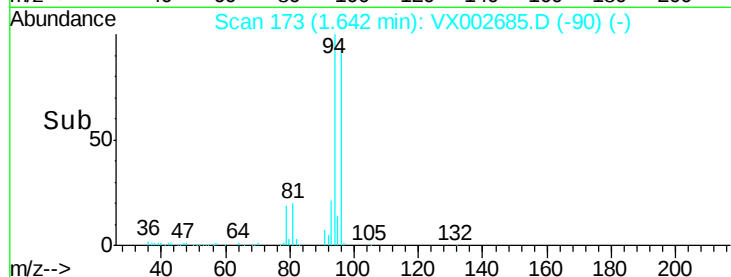
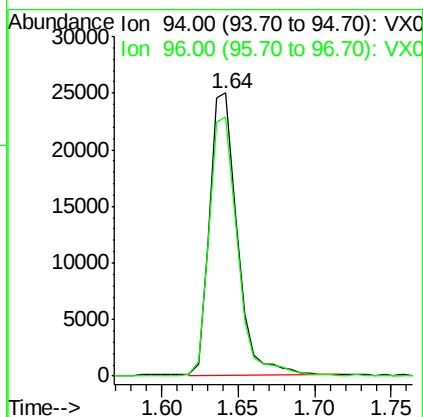
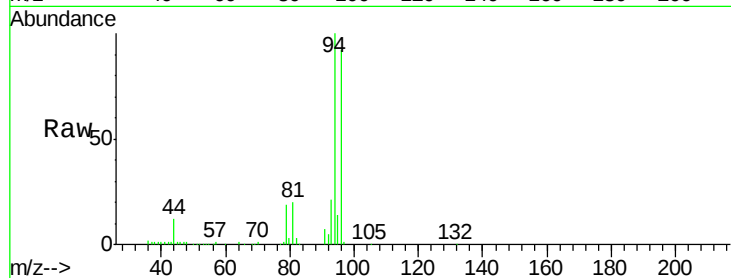
96 91.7 75.7 113.5

Manual Integrations

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#6

Chloroethane

Concen: 19.69 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.02 min

Lab File: VX002685.D

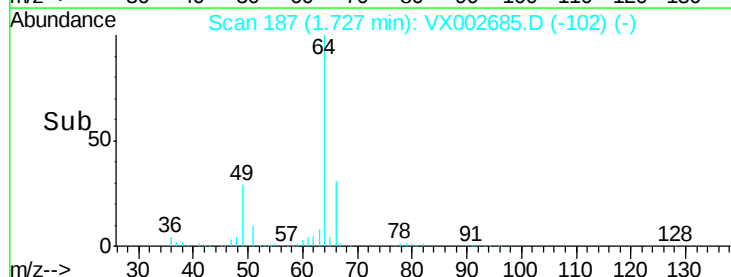
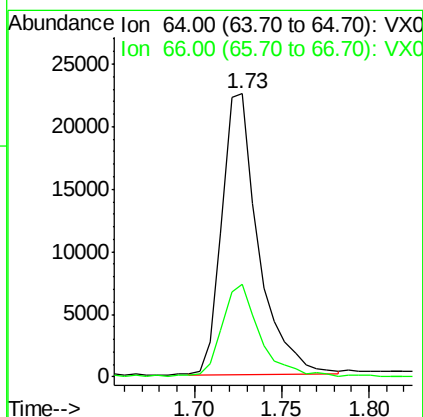
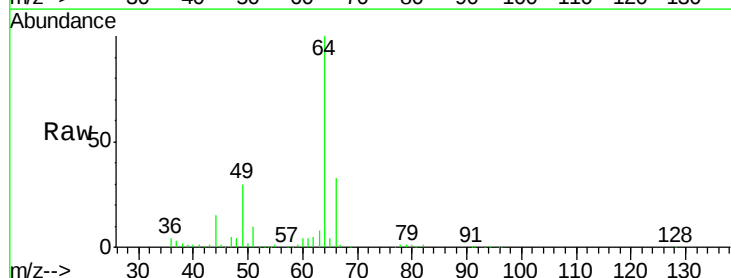
Acq: 18 Jun 2018 17:54

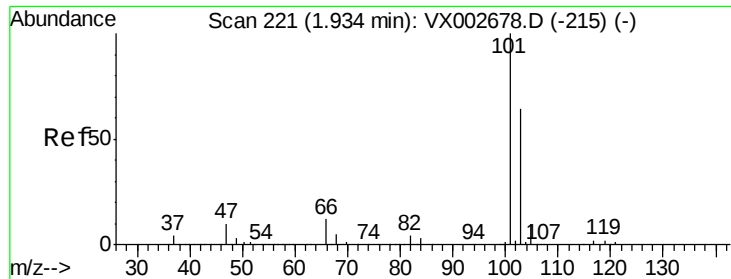
Tgt Ion: 64 Resp: 32838

Ion Ratio Lower Upper

64 100

66 32.8 24.3 36.5





#7

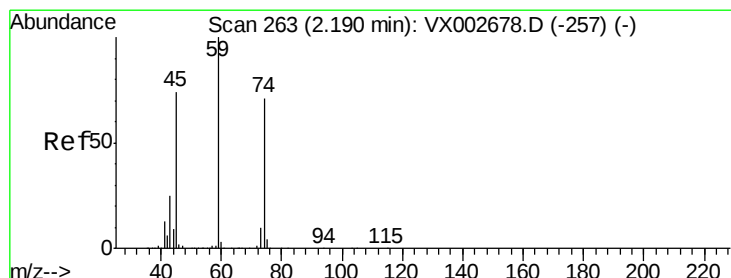
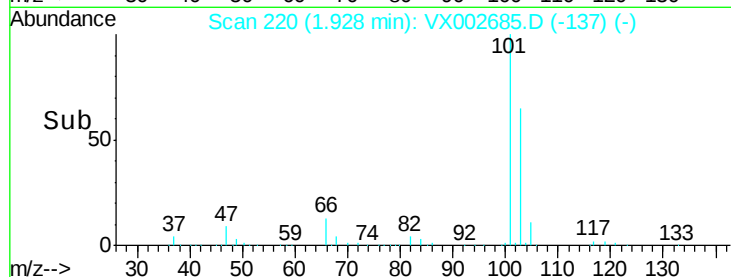
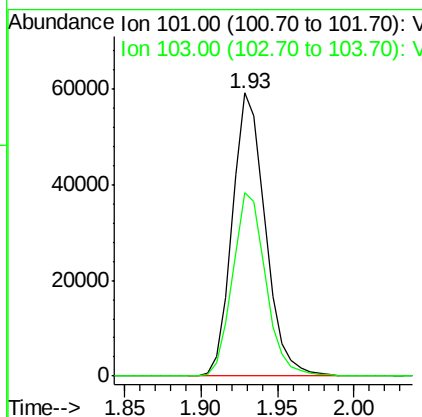
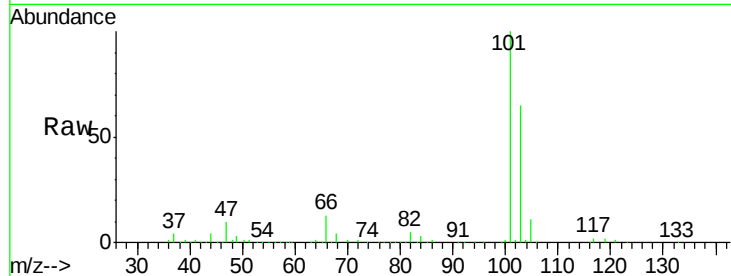
Trichlorofluoromethane
Concen: 20.08 ug/l
RT: 1.93 min Scan# 220
Delta R.T. 0.01 min
Lab File: VX002685.D
Acq: 18 Jun 2018 17:54

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBSD01

Tot Ion:101 Resp: 88479
Ion Ratio Lower Upper
101 100
103 64.9 51.5 77.3

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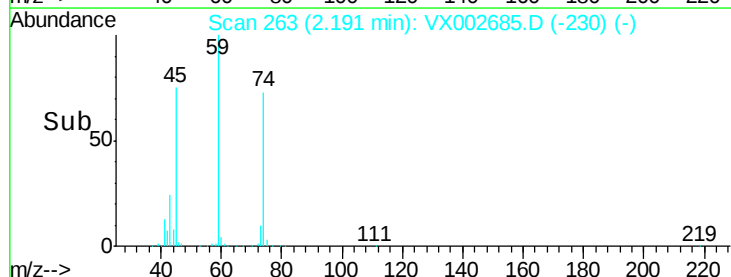
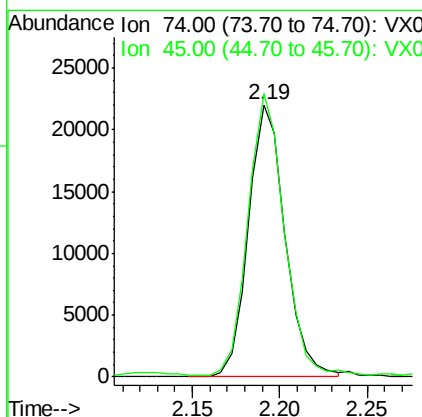
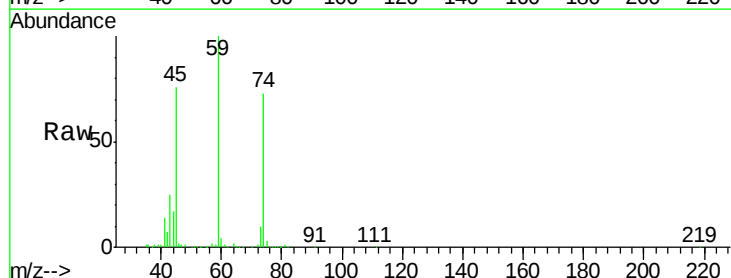
MMDadoda
6/19/2018 1:05:32 PM

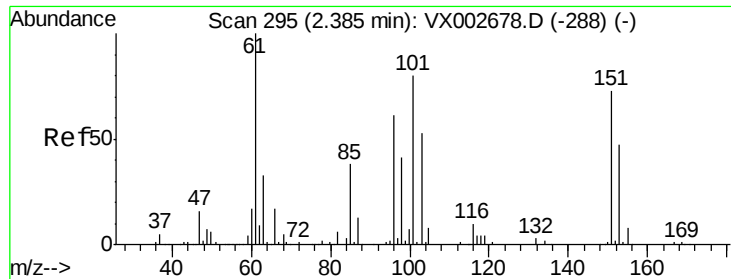


#8

Diethyl Ether
Concen: 20.47 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX002685.D
Acq: 18 Jun 2018 17:54

Tgt Ion: 74 Resp: 32159
Ion Ratio Lower Upper
74 100
45 101.7 20.5 184.5





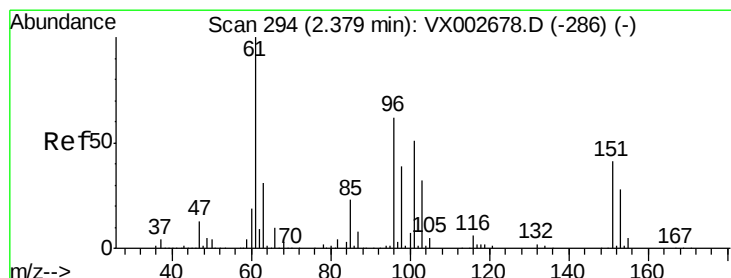
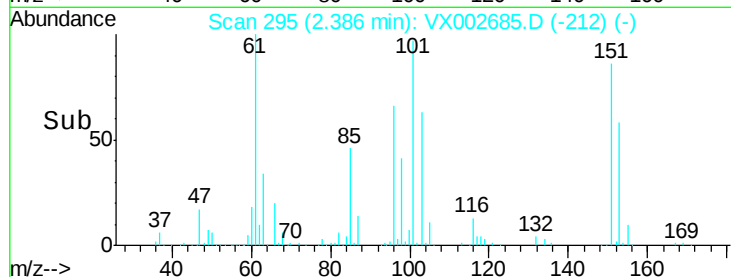
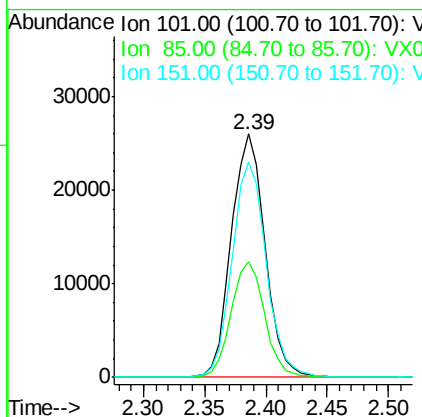
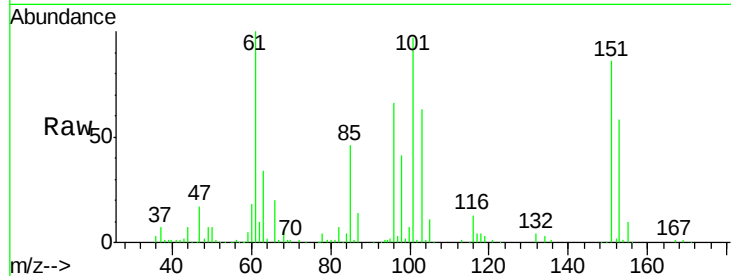
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.75 ug/l
 RT: 2.39 min Scan# 295
 Delta R.T. 0.01 min
 Lab File: VX002685.D
 Acq: 18 Jun 2018 17:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0618WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	49811		
85	46.8	0.0	87.0	
151	89.1	0.0	177.6	

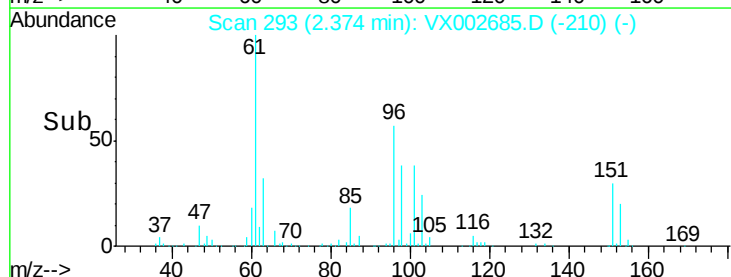
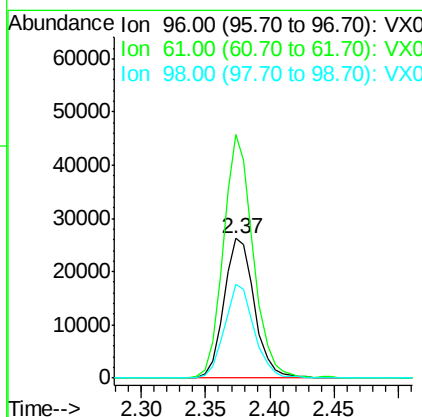
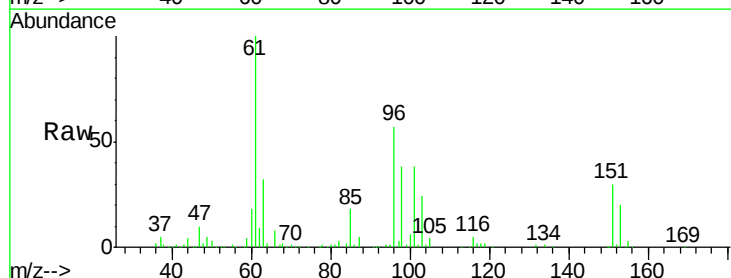
Manual Integrations
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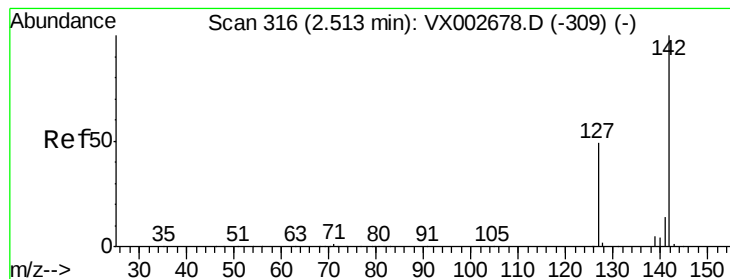
MMDadoda
 6/19/2018 1:05:32 PM



#10
 1,1-Dichloroethene
 Concen: 19.65 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.01 min
 Lab File: VX002685.D
 Acq: 18 Jun 2018 17:54

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	43630		
61	174.4	137.5	206.3	
98	66.9	51.4	77.2	





#11

Methyl Iodide

Concen: 15.84 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.01 min

Lab File: VX002685.D

Acq: 18 Jun 2018 17:54

Instrument :

MSVOA_X

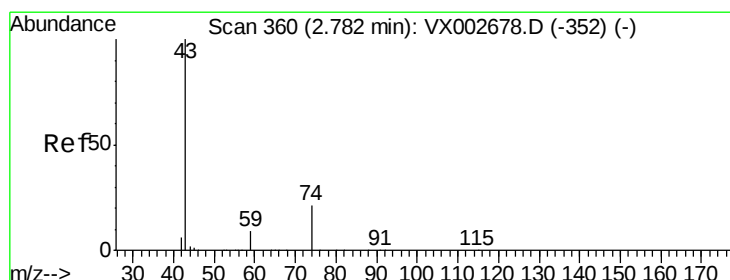
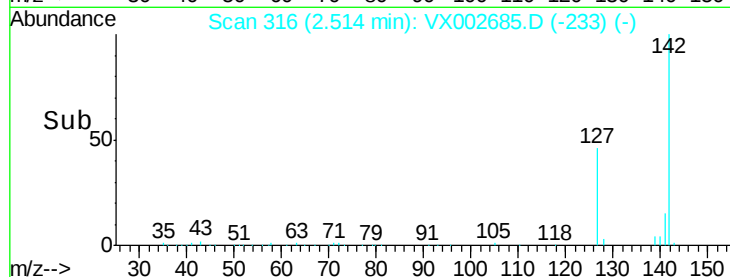
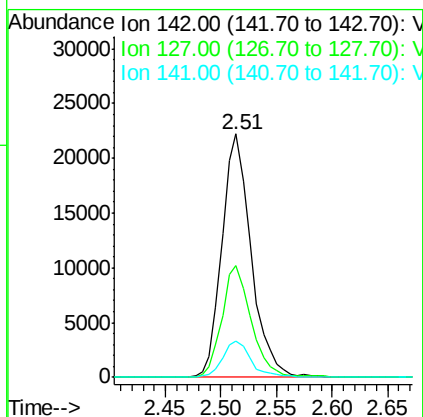
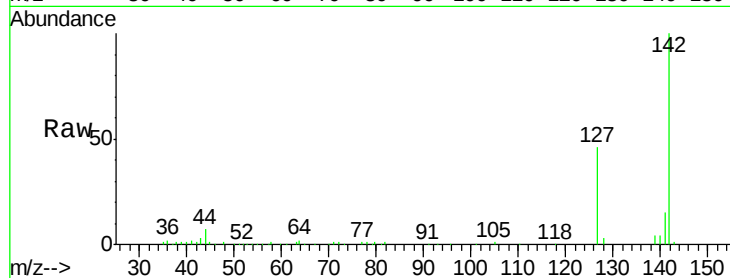
ClientSampleId :

VX0618WBSD01

Tot Ion:	142	Resp:	40513
Ion Ratio	Lower	Upper	
142	100		
127	45.9	23.2	69.6
141	14.9	7.4	22.2

Manual Integrations
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6/19/2018 1:05:32 PM



#12

Methyl Acetate

Concen: 22.36 ug/l

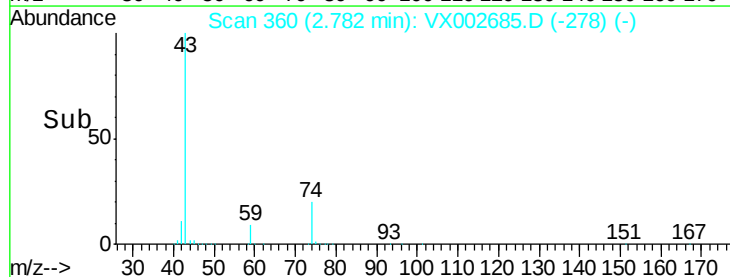
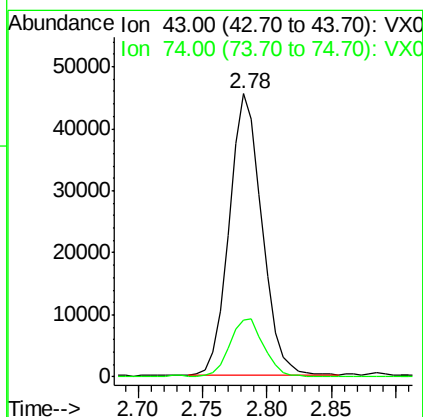
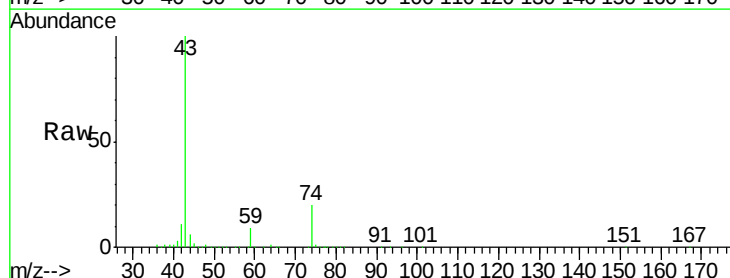
RT: 2.78 min Scan# 360

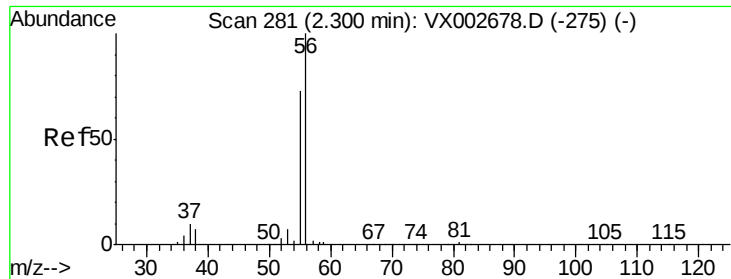
Delta R.T. 0.00 min

Lab File: VX002685.D

Acq: 18 Jun 2018 17:54

Tgt Ion:	43	Resp:	80550
Ion Ratio	Lower	Upper	
43	100		
74	19.7	16.4	24.6





#13

Acrolein

Concen: 85.06 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX002685.D

Acq: 18 Jun 2018 17:54

Instrument :

MSVOA_X

ClientSampleId :

VX0618WBSD01

Tot Ion: 56 Resp: 21790

Ion Ratio Lower Upper

56 100

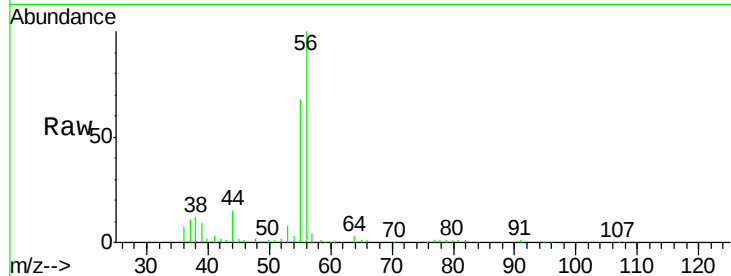
55 70.3 57.3 85.9

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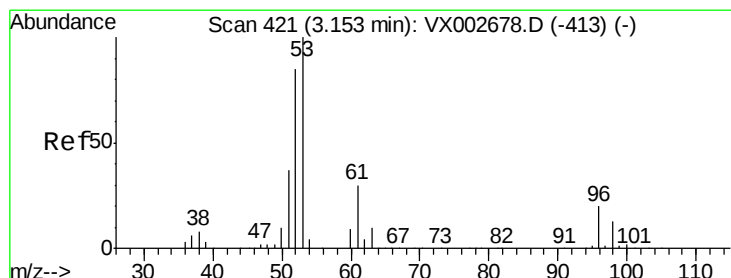
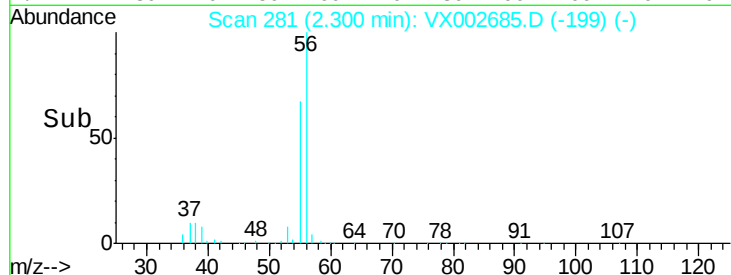
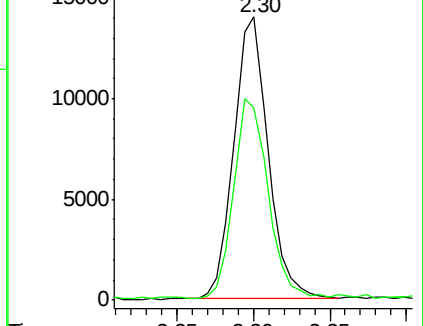
MMDadoda

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Acrylonitrile

Concen: 106.75 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX002685.D

Acq: 18 Jun 2018 17:54

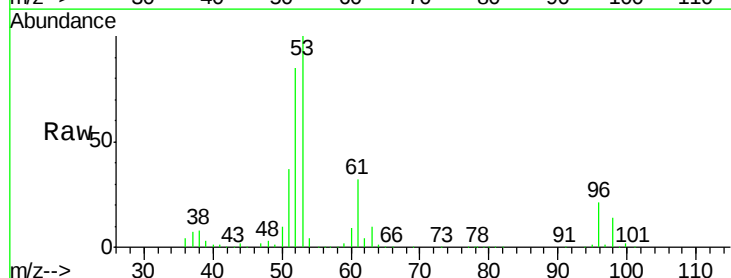
Tgt Ion: 53 Resp: 144652

Ion Ratio Lower Upper

53 100

52 84.4 41.5 124.6

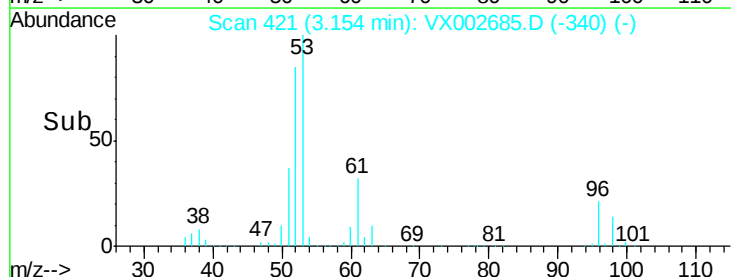
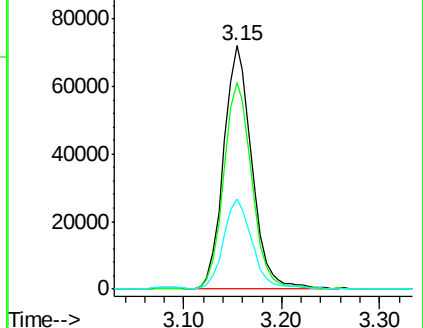
51 36.8 17.9 53.8

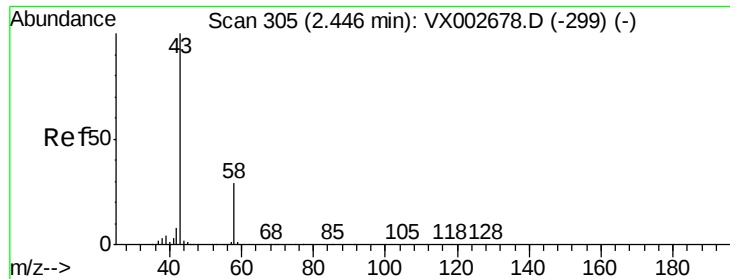


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





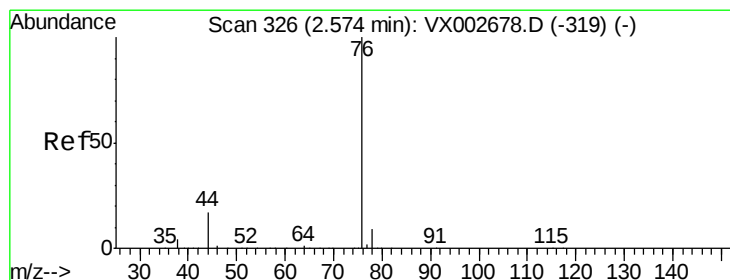
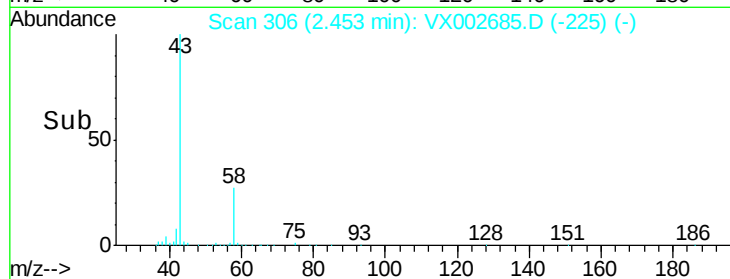
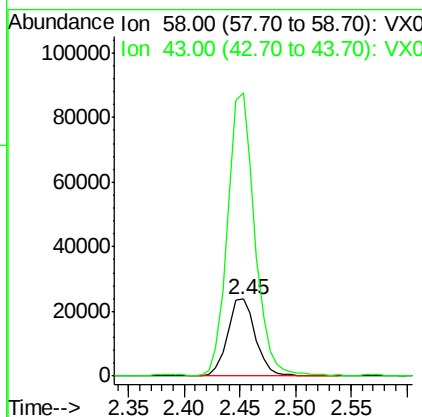
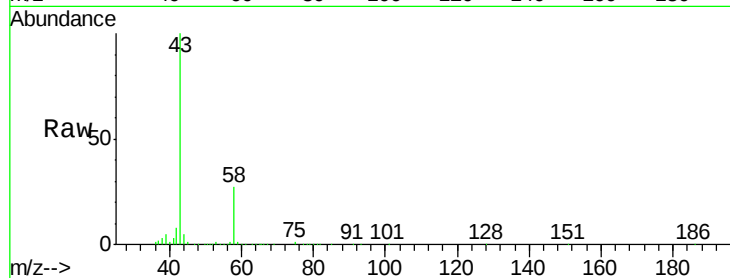
#15
Acetone
Concen: 110.61 ug/l
RT: 2.45 min Scan# 306
Delta R.T. -0.01 min
Lab File: VX002685.D
Acq: 18 Jun 2018 17:54

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBSD01

Tot Ion: 58 Resp: 41663
Ion Ratio Lower Upper
58 100
43 367.2 278.8 418.2

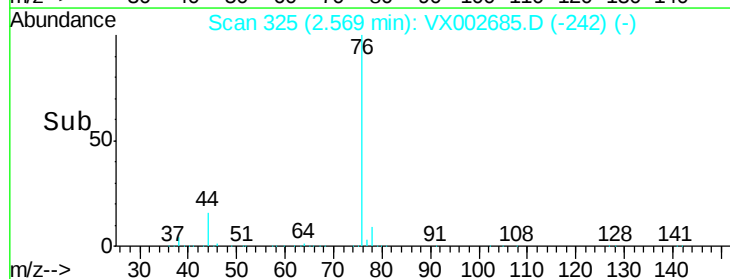
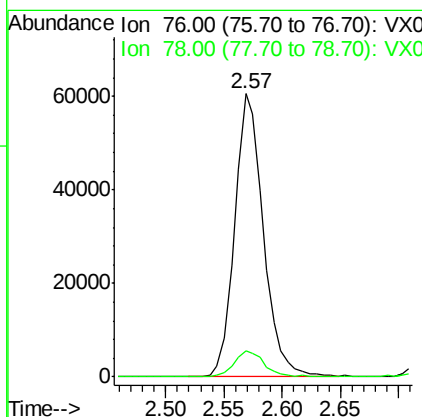
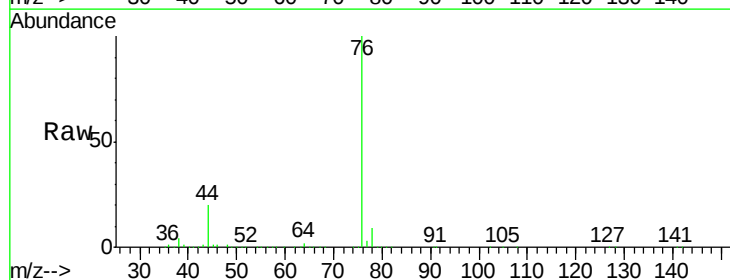
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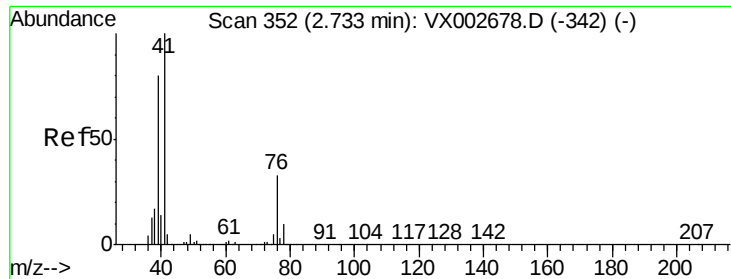
MMDadoda
6/19/2018 1:05:32 PM



#16
Carbon Disulfide
Concen: 18.68 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.01 min
Lab File: VX002685.D
Acq: 18 Jun 2018 17:54

Tgt Ion: 76 Resp: 103867
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0





#17

Allvl chloride

Concen: 19.85 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX002685.D

Acq: 18 Jun 2018 17:54

Instrument :

MSVOA_X

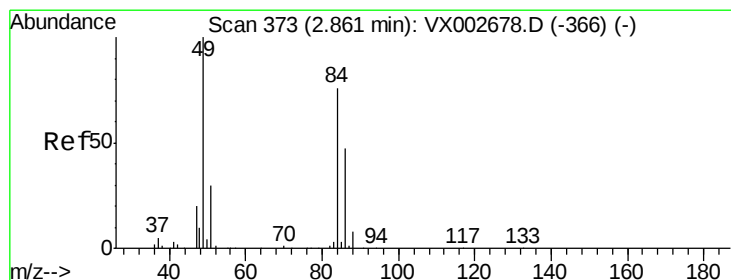
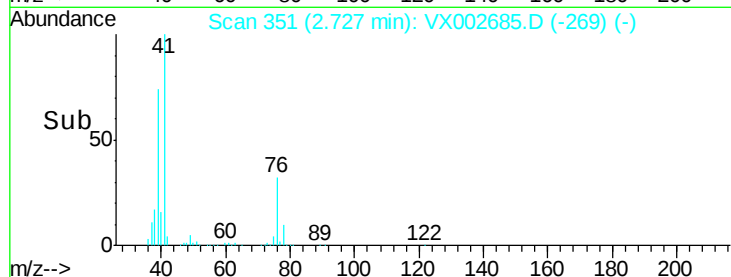
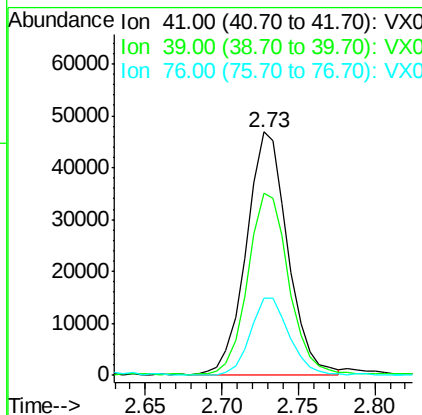
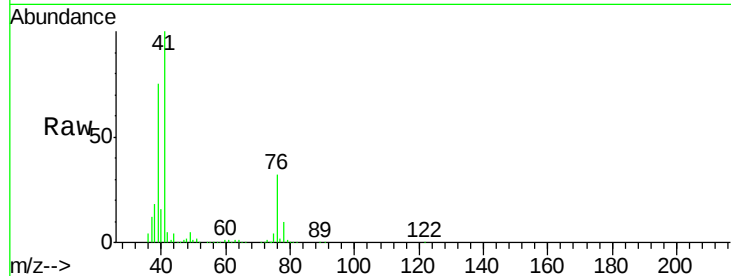
ClientSampleId :

VX0618WBSD01

Tot Ion:	41	Resp:	87700
Ion	Ratio	Lower	Upper
41	100		
39	74.5	34.6	103.8
76	31.6	15.0	45.1

Manual Integrations
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#18

Methylene Chloride

Concen: 20.31 ug/l

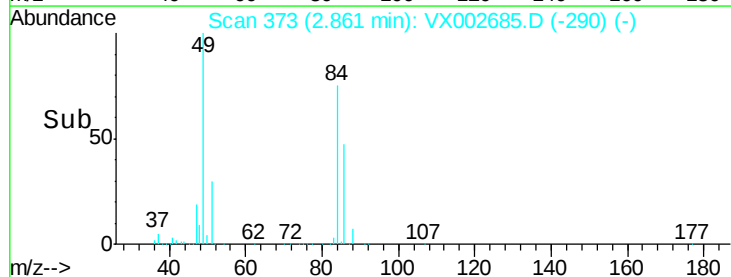
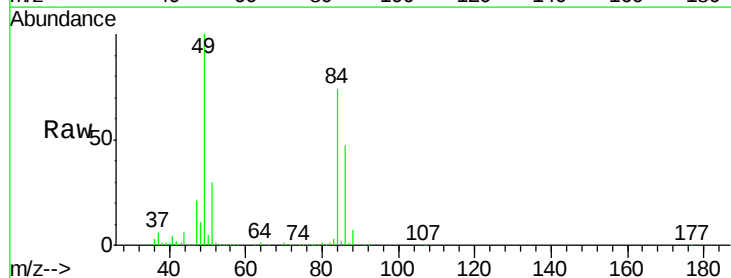
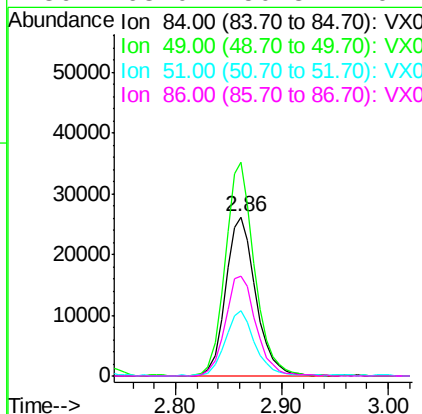
RT: 2.86 min Scan# 373

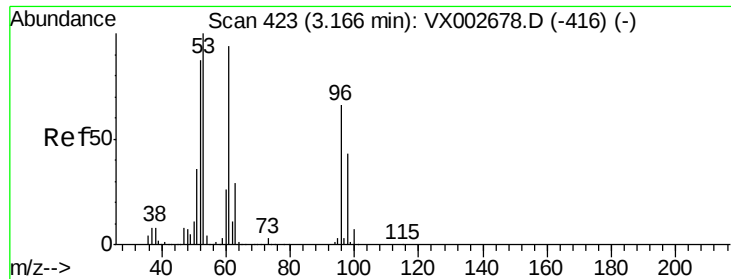
Delta R.T. 0.01 min

Lab File: VX002685.D

Acq: 18 Jun 2018 17:54

Tgt Ion:	84	Resp:	51607
Ion	Ratio	Lower	Upper
84	100		
49	134.1	104.7	157.1
51	40.6	31.0	46.4
86	63.0	50.8	76.2





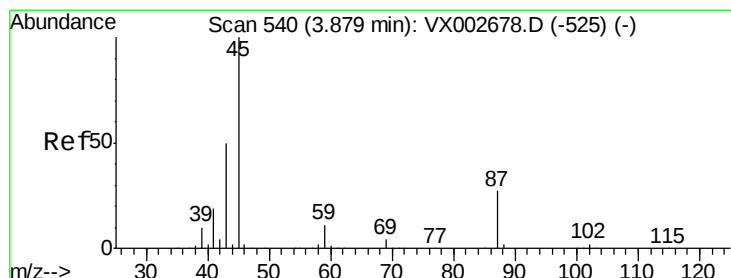
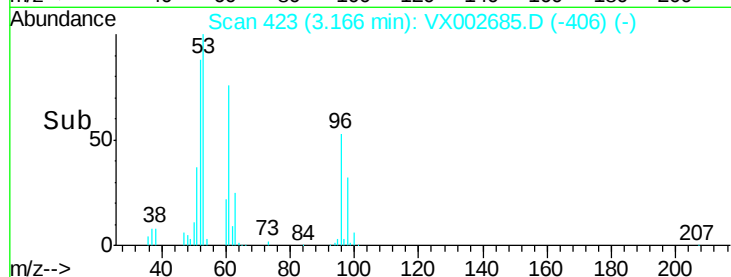
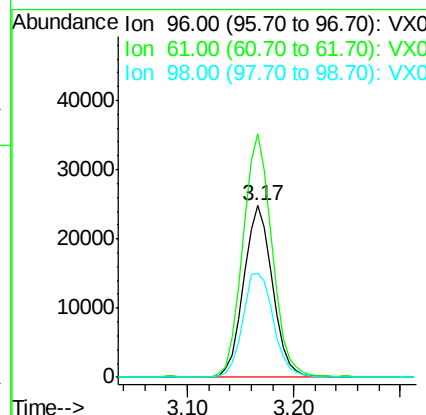
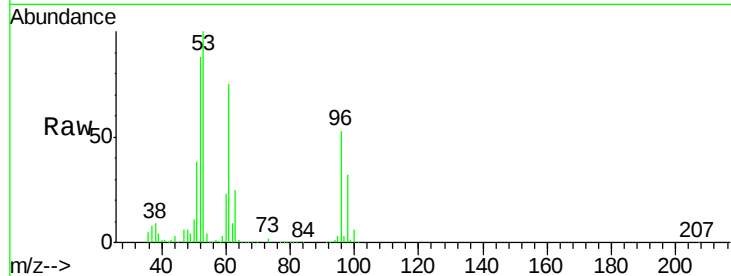
#19
trans-1,2-Dichloroethene
Concen: 19.95 ug/l
RT: 3.17 min Scan# 423
Delta R.T. 0.01 min
Lab File: VX002685.D
Acq: 18 Jun 2018 17:54

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	141.9	114.6	172.0
98	60.6	51.3	76.9

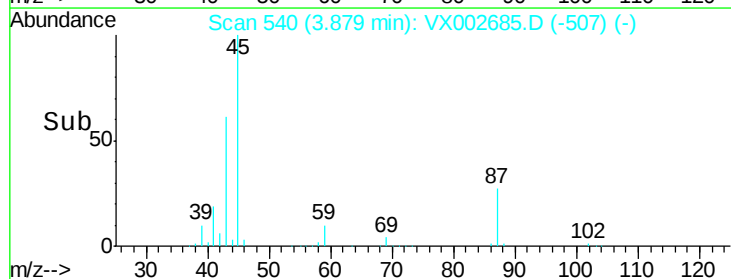
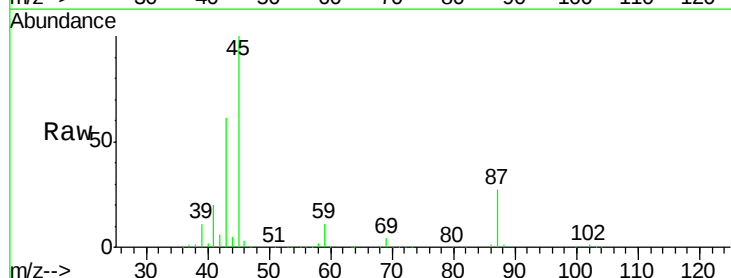
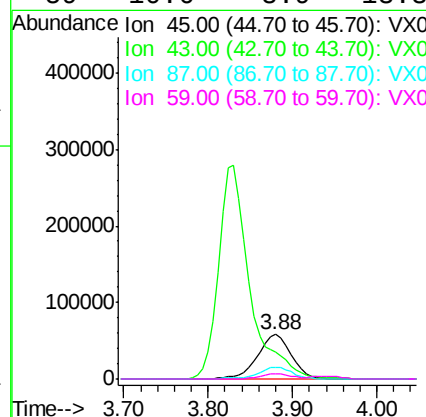
Manual Integrations
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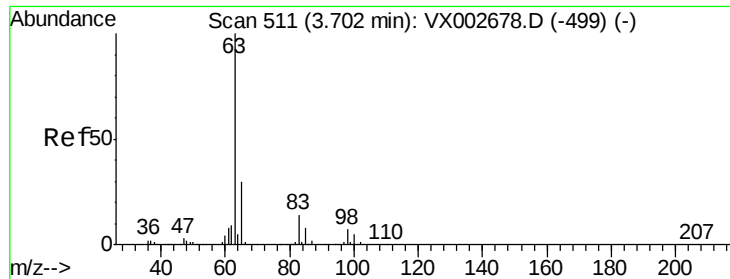
MMDadoda
6/19/2018 1:05:32 PM



#20
Diisopropyl ether
Concen: 19.53 ug/l
RT: 3.88 min Scan# 540
Delta R.T. 0.00 min
Lab File: VX002685.D
Acq: 18 Jun 2018 17:54

Tgt Ion	Ratio	Lower	Upper
45	100		
43	58.9	45.6	68.4
87	27.2	20.7	31.1
59	10.6	8.9	13.3





#21

1,1-Dichloroethane

Concen: 21.05 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX002685.D

Acq: 18 Jun 2018 17:54

Instrument :

MSVOA_X

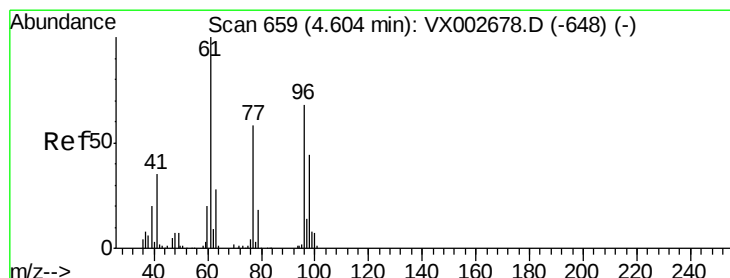
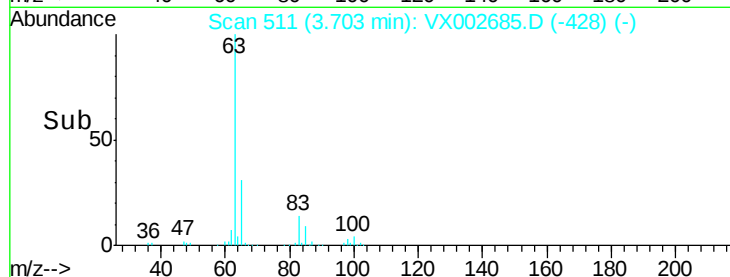
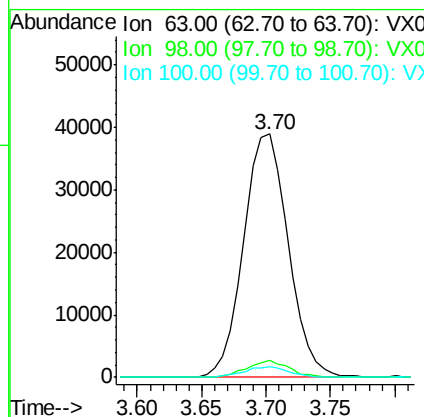
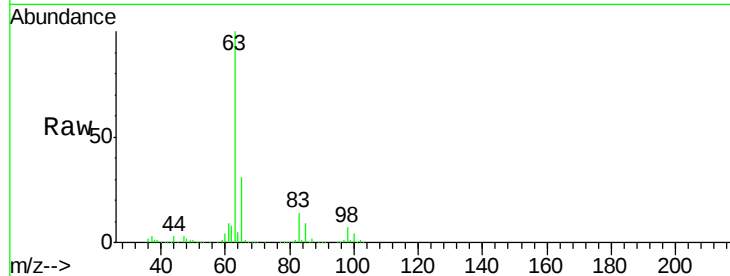
ClientSampleId :

VX0618WBSD01

Tot Ion:	63	Resp:	93174
Ion Ratio	Lower	Upper	
63	100		
98	7.0	3.1	9.3
100	4.4	2.2	6.6

Manual Integrations
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#22

cis-1,2-Dichloroethene

Concen: 20.13 ug/l

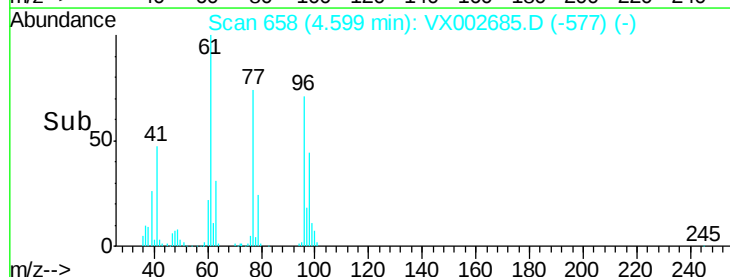
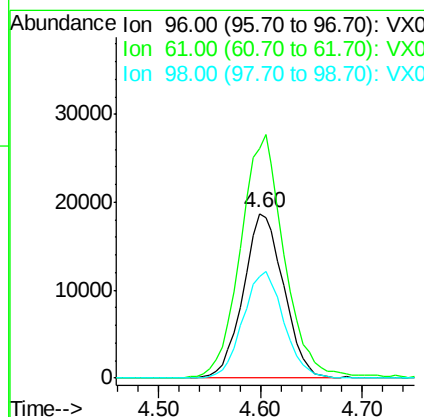
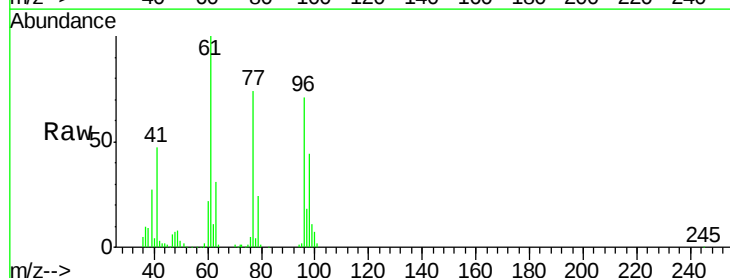
RT: 4.60 min Scan# 658

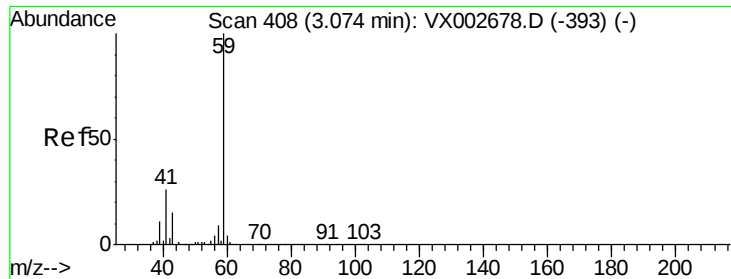
Delta R.T. -0.01 min

Lab File: VX002685.D

Acq: 18 Jun 2018 17:54

Tgt Ion:	96	Resp:	51517
Ion Ratio	Lower	Upper	
96	100		
61	159.8	160.2	240.2#
98	65.2	54.1	81.1





#23

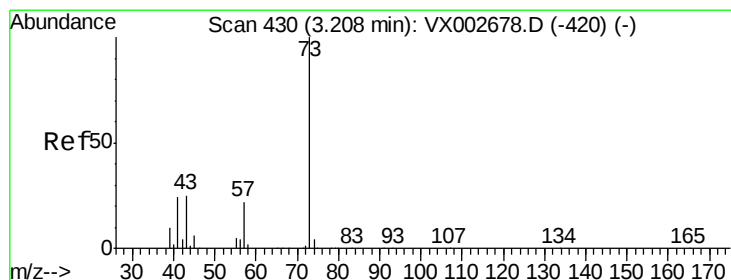
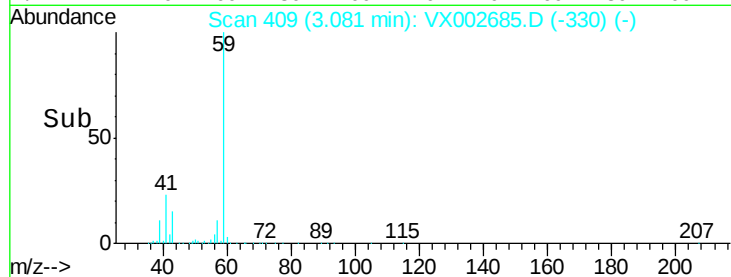
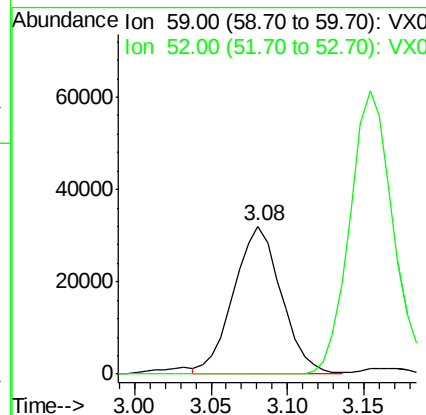
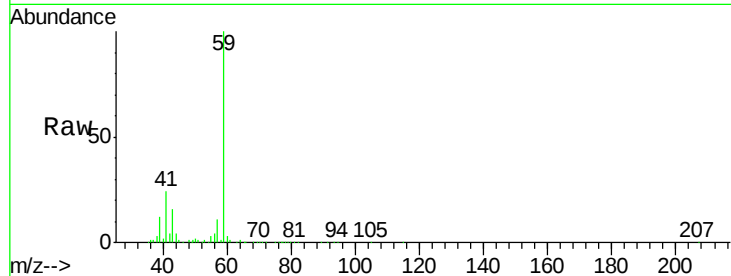
tert-Butyl Alcohol
 Concen: 112.35 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. -0.02 min
 Lab File: VX002685.D
 Acq: 18 Jun 2018 17:54

Instrument :
 MSVOA_X
 ClientSampled :
 VX0618WBSD01

Tot Ion	59	52	Ratio	100	0.2	Resp	69124	Lower	Upper
Ion	59	52	Ratio	100	0.2	Resp	69124	Lower	Upper

Manual Integrations
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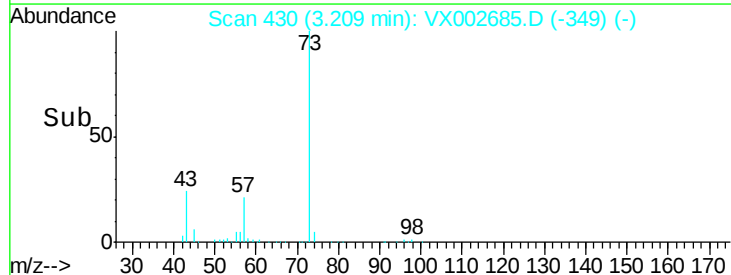
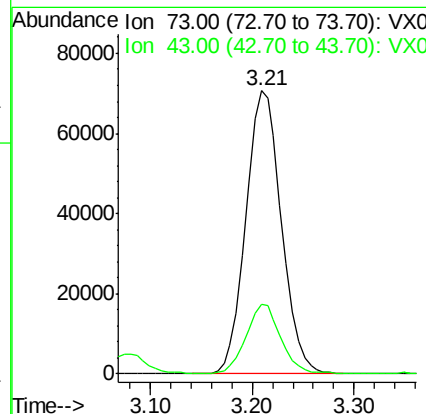
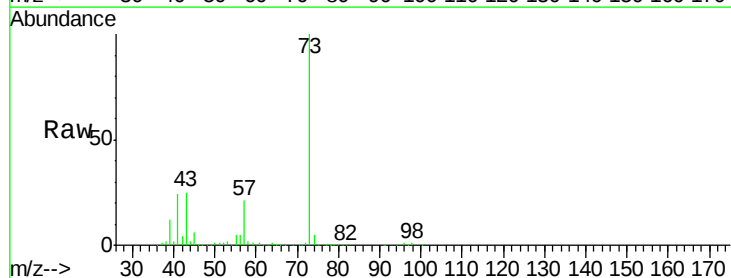
MMDadoda
 6/19/2018 1:05:32 PM

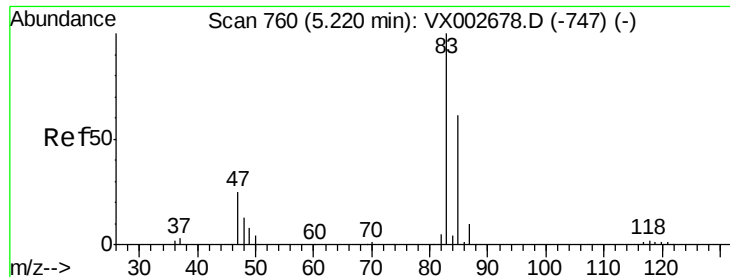


#24

Methyl tert-Butyl Ether
 Concen: 20.63 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. -0.01 min
 Lab File: VX002685.D
 Acq: 18 Jun 2018 17:54

Tgt Ion	73	43	Ratio	100	23.4	Resp	170981	Lower	Upper
Ion	73	43	Ratio	100	23.4	Resp	170981	Lower	Upper





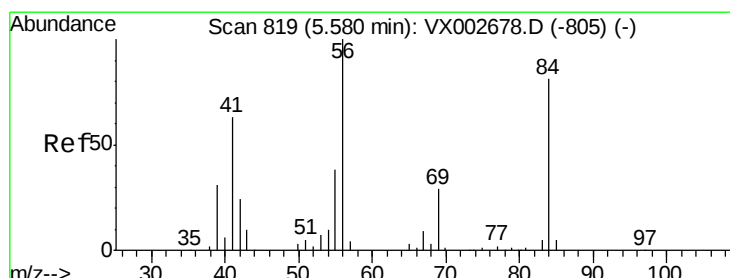
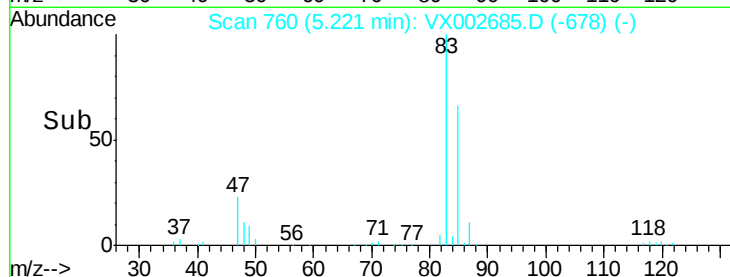
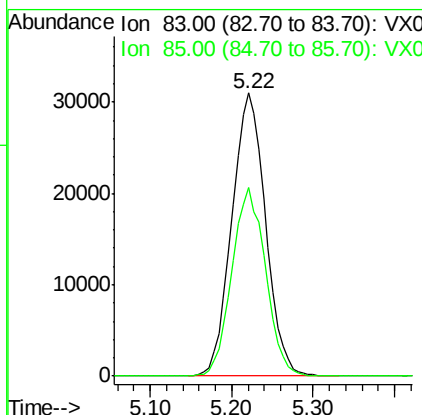
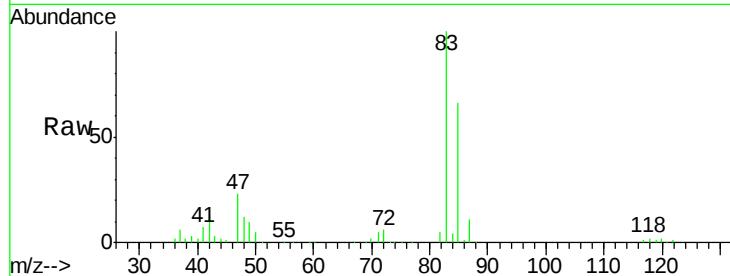
#25
Chloroform
Concen: 19.94 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX002685.D
Acq: 18 Jun 2018 17:54

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBSD01

Tot Ion	83	Resp	88563
Ion Ratio	100	Lower	Upper
85	66.5	51.9	77.9

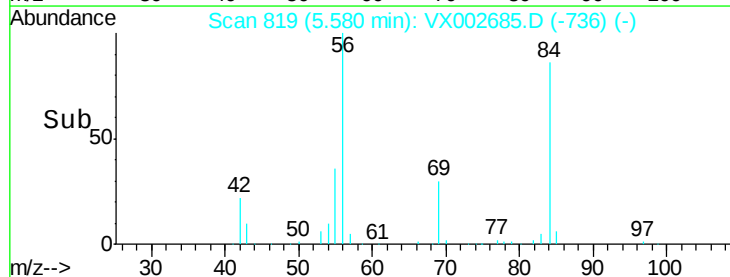
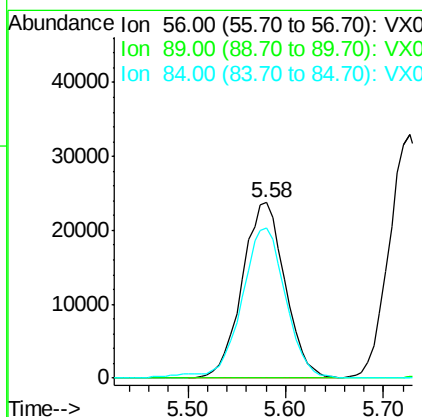
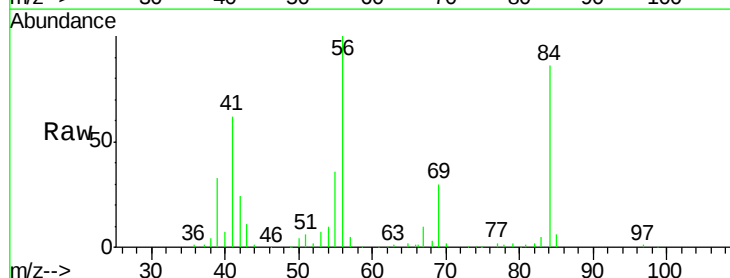
Manual Integrations
APPROVED

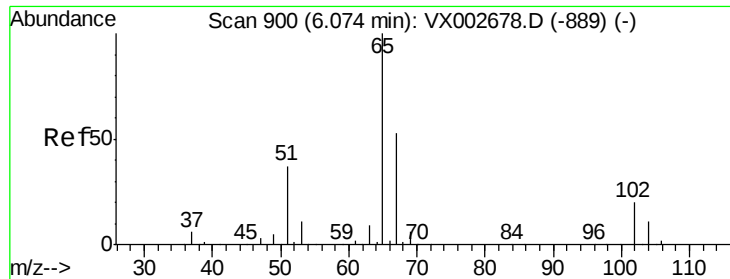
MMDadoda
6/19/2018 1:05:32 PM



#26
Cyclohexane
Concen: 19.12 ug/l
RT: 5.58 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX002685.D
Acq: 18 Jun 2018 17:54

Tgt Ion	56	Resp	71902
Ion Ratio	100	Lower	Upper
89	0.0	0.1	0.1#
84	86.3	64.9	97.3





#27

1,2-Dichloroethane-d4

Concen: 30.40 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002685.D

Acq: 18 Jun 2018 17:54

Tot Ion: 65 Resp: 99705

Ion Ratio Lower Upper

65 100

67 51.6 40.9 61.3

Instrument :

MSVOA_X

ClientSampleId :

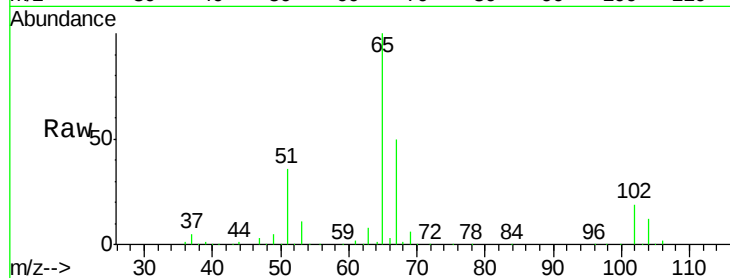
VX0618WBSD01

Manual Integrations

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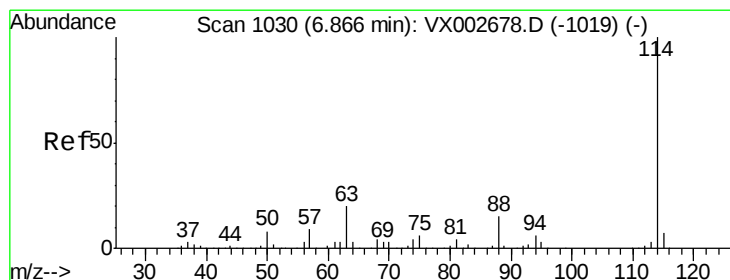
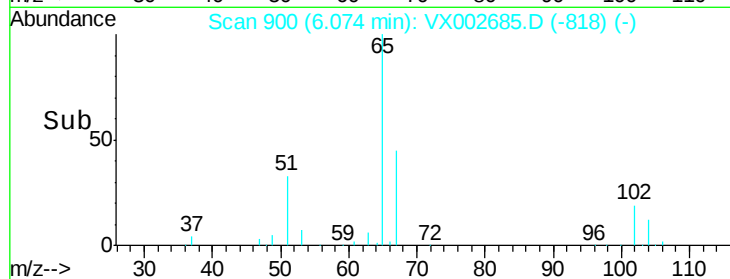
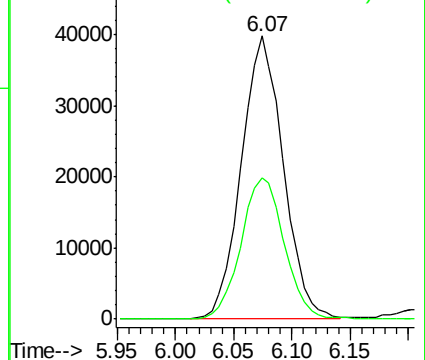
MMDadoda

6/19/2018 1:05:32 PM



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX002685.D

Acq: 18 Jun 2018 17:54

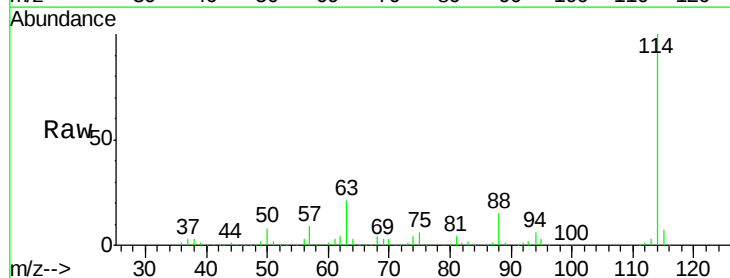
Tgt Ion: 114 Resp: 239911

Ion Ratio Lower Upper

114 100

63 20.3 17.1 25.7

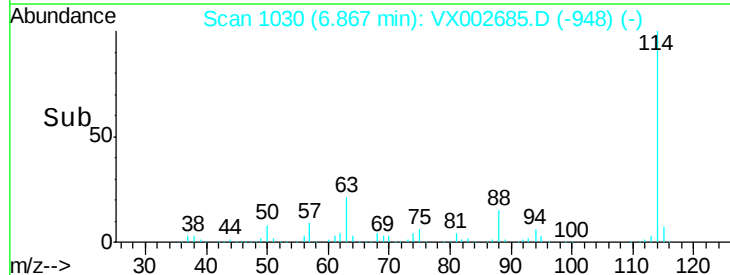
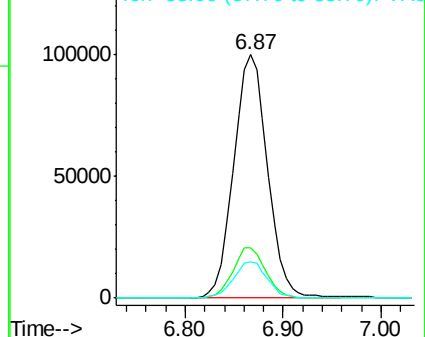
88 14.9 12.6 19.0

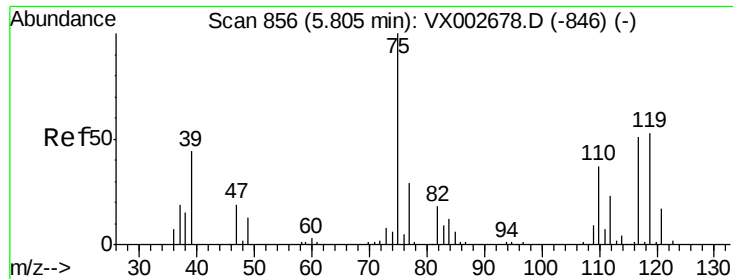


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





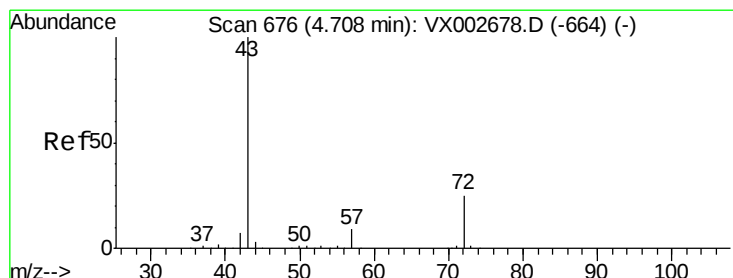
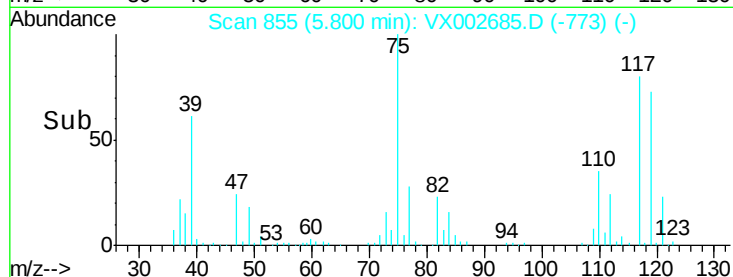
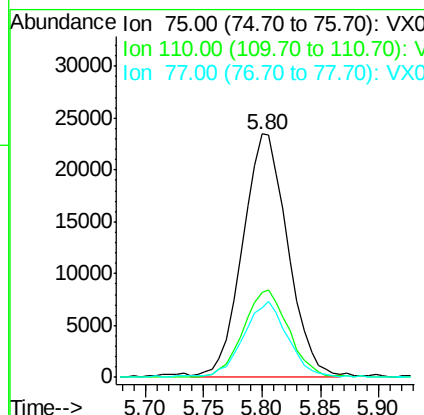
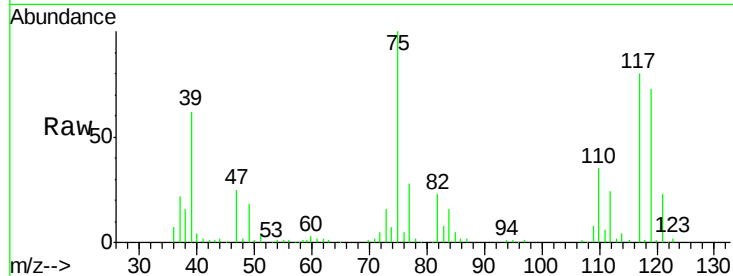
#29
 1,1-Dichloropropene
 Concen: 19.61 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. 0.00 min
 Lab File: VX002685.D
 Acq: 18 Jun 2018 17:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0618WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
110	35.8	0.0	71.4
77	30.3	0.0	60.6

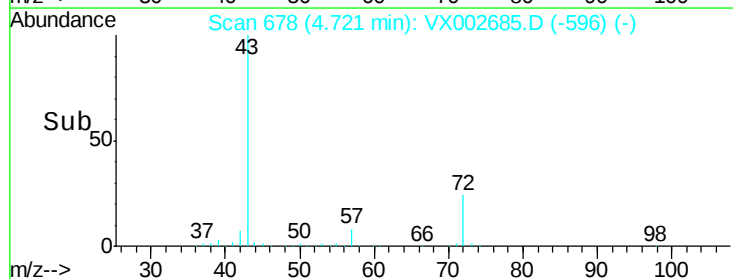
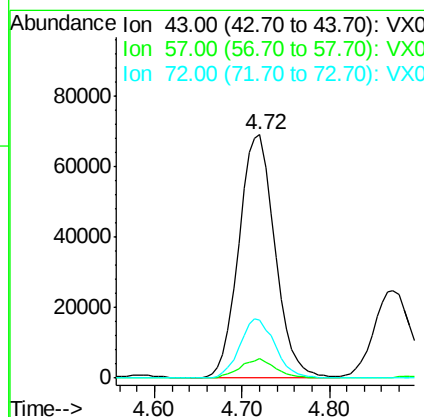
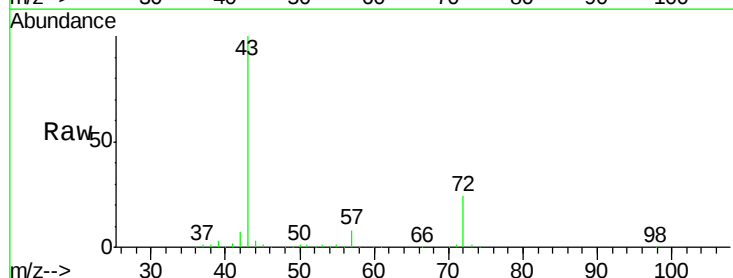
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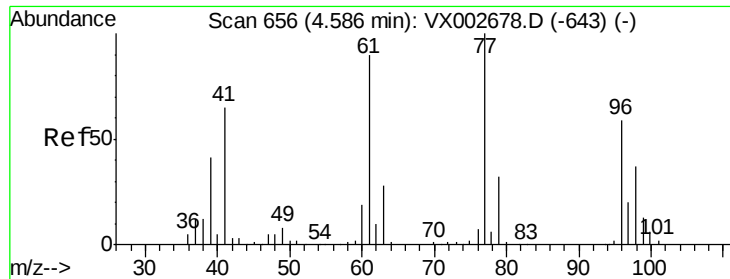
MMDadoda
 6/19/2018 1:05:32 PM



#30
 2-Butanone
 Concen: 106.59 ug/l
 RT: 4.72 min Scan# 678
 Delta R.T. 0.00 min
 Lab File: VX002685.D
 Acq: 18 Jun 2018 17:54

Tgt Ion	Ratio	Lower	Upper
43	100		
57	7.9	6.1	9.1
72	24.1	18.1	27.1





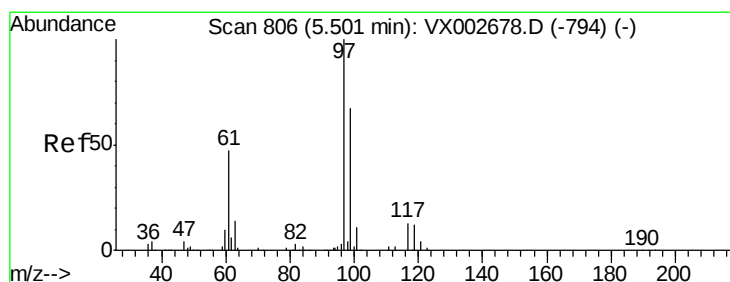
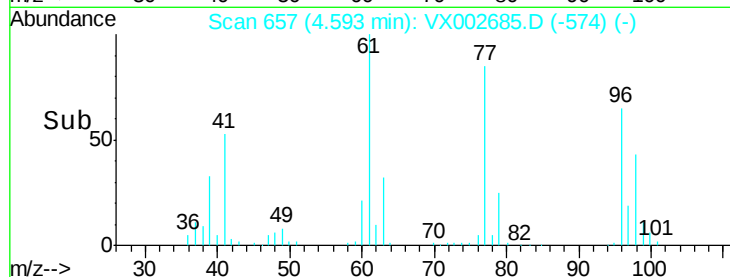
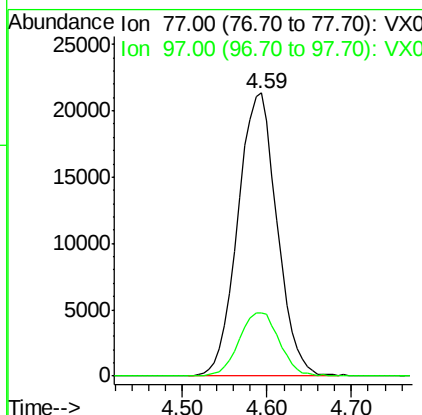
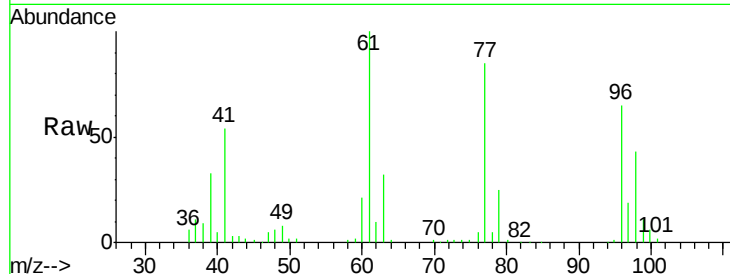
#31
 2,2-Dichloropropane
 Concen: 19.48 ug/l
 RT: 4.59 min Scan# 657
 Delta R.T. 0.01 min
 Lab File: VX002685.D
 Acq: 18 Jun 2018 17:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0618WBSD01

Tot Ion: 77 Resp: 67438
 Ion Ratio Lower Upper
 77 100
 97 23.0 18.7 28.1

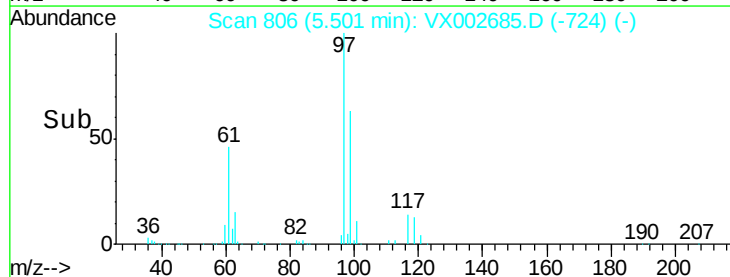
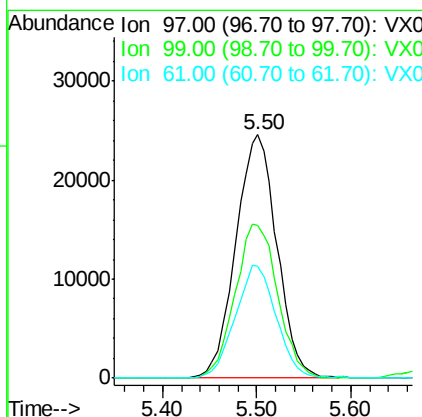
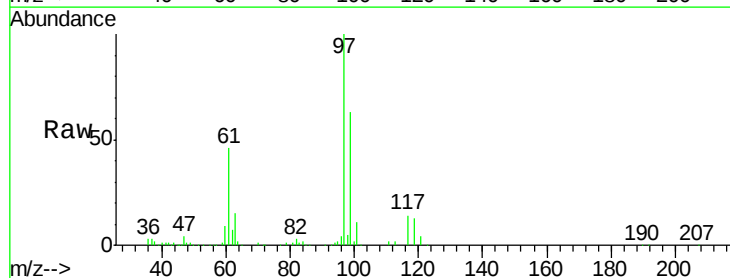
Manual Integrations
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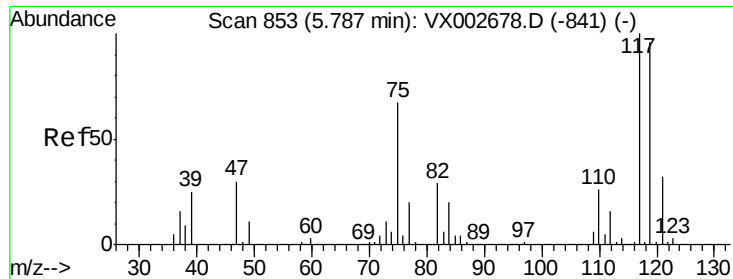
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#32
 1,1,1-Trichloroethane
 Concen: 19.16 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX002685.D
 Acq: 18 Jun 2018 17:54

Tgt Ion: 97 Resp: 74990
 Ion Ratio Lower Upper
 97 100
 99 65.5 51.7 77.5
 61 46.2 36.4 54.6





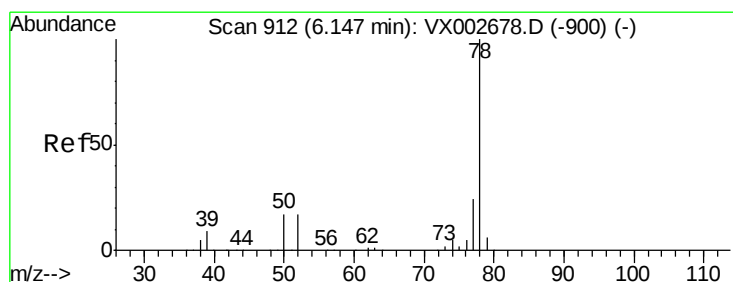
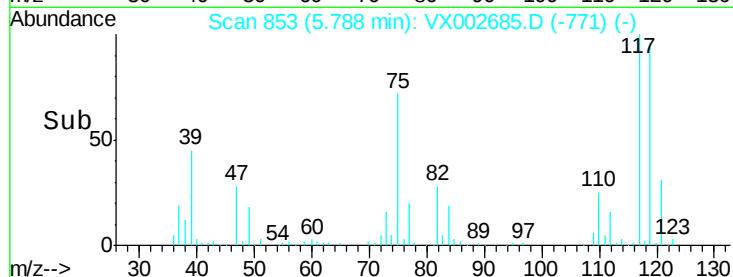
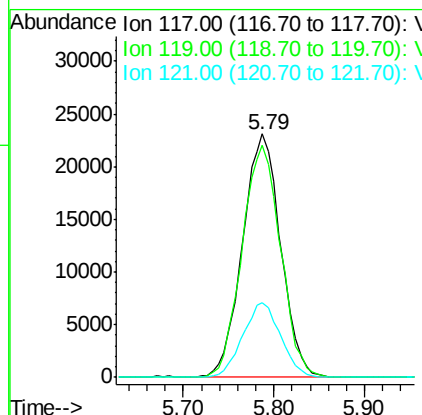
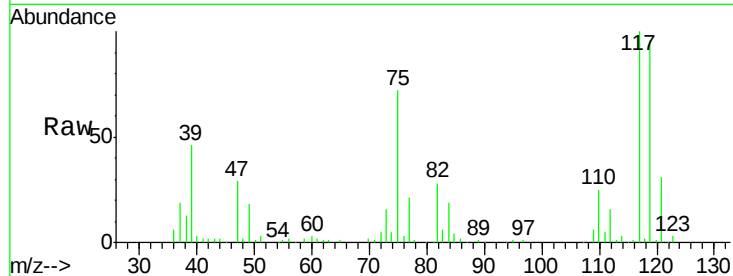
#33
Carbon Tetrachloride
Concen: 19.14 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX002685.D
Acq: 18 Jun 2018 17:54

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBSD01

Tot Ion:117 Resp: 67346
Ion Ratio Lower Upper
117 100
119 95.5 73.3 109.9
121 30.6 23.6 35.4

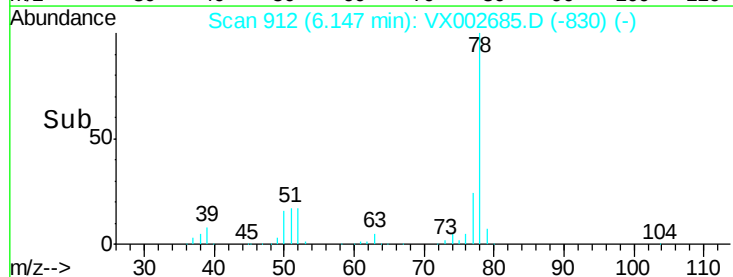
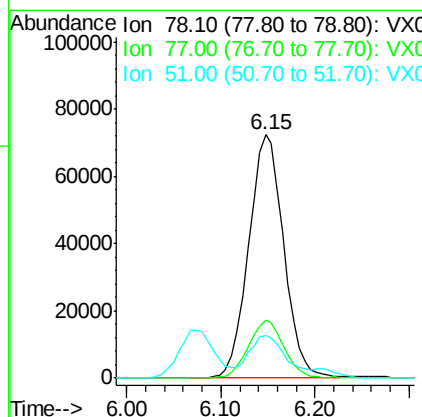
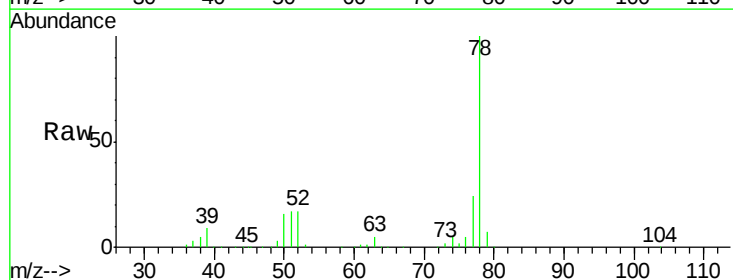
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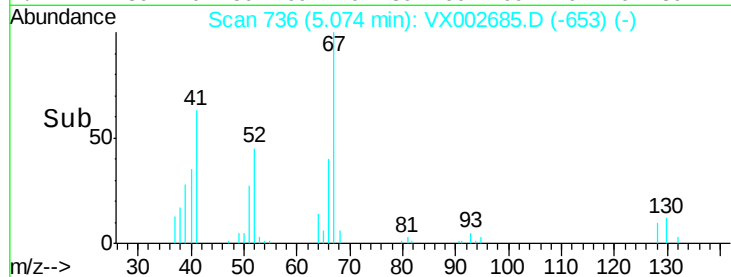
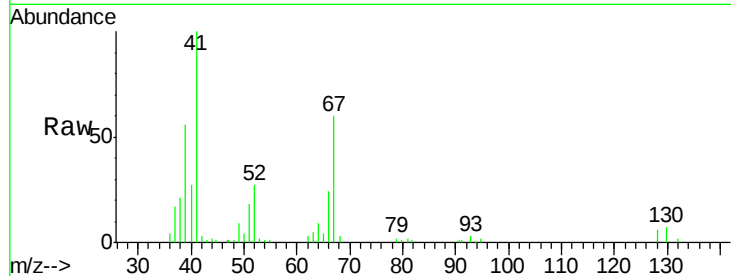
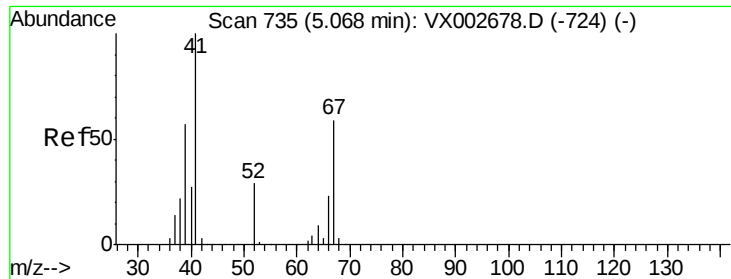
MMDadoda
6/19/2018 1:05:32 PM



#34
Benzene
Concen: 19.74 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX002685.D
Acq: 18 Jun 2018 17:54

Tgt Ion: 78 Resp: 189440
Ion Ratio Lower Upper
78 100
77 24.1 19.4 29.0
51 15.4 13.8 20.6





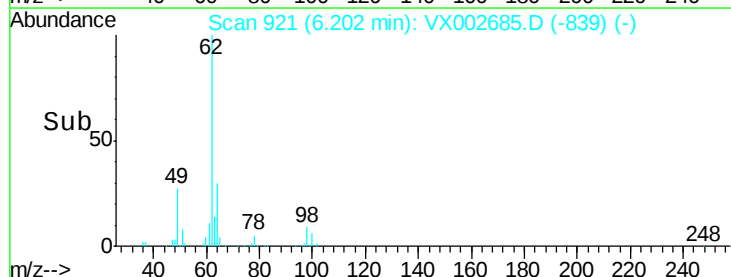
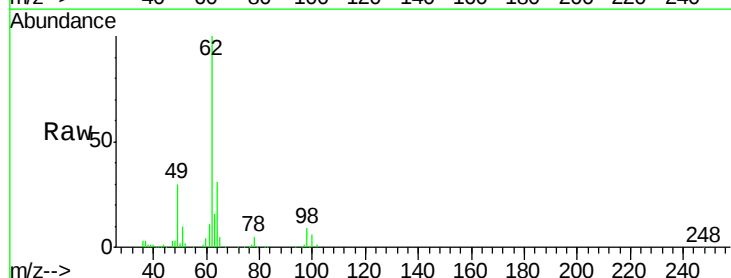
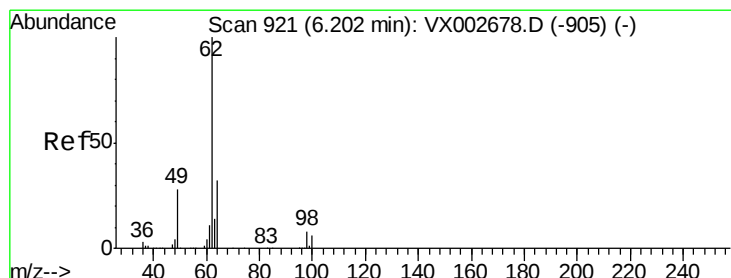
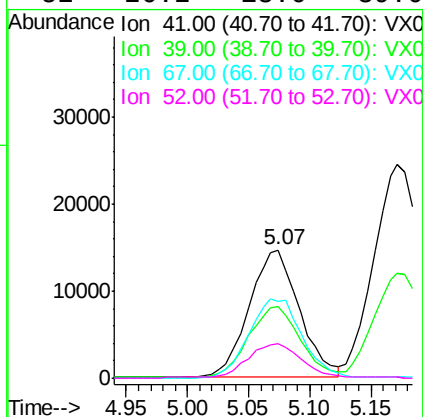
#35
Methacrylonitrile
Concen: 20.76 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.01 min
Lab File: VX002685.D
Acq: 18 Jun 2018 17:54

Tot Ion	41	Resp:	41901
Ion	Ratio	Lower	Upper
41	100		
39	55.5	28.8	86.5
67	59.6	30.4	91.2
52	26.2	13.0	39.0

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBSD01

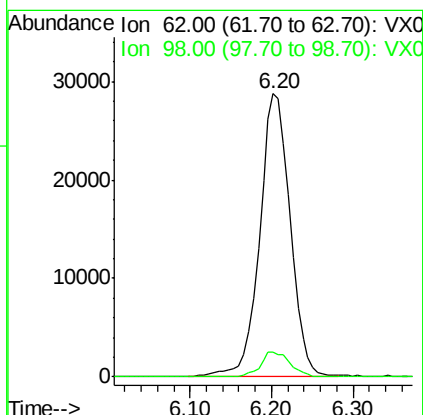
Manual Integrations
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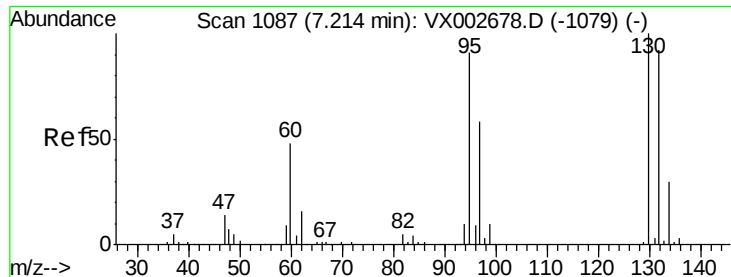
MMDadoda
6/19/2018 1:05:32 PM



#36
1,2-Dichloroethane
Concen: 19.96 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX002685.D
Acq: 18 Jun 2018 17:54

Tgt Ion	62	Resp:	75175
Ion	Ratio	Lower	Upper
62	100		
98	8.5	6.5	9.7





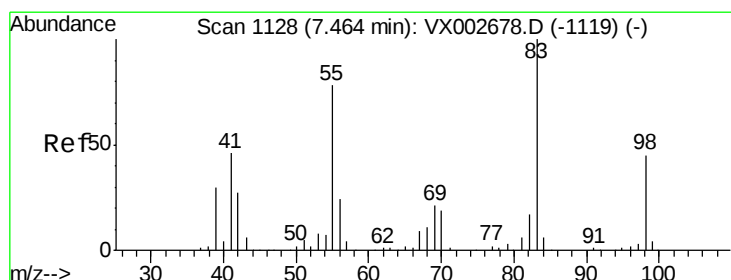
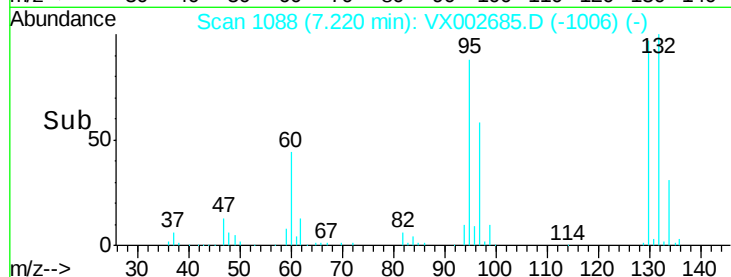
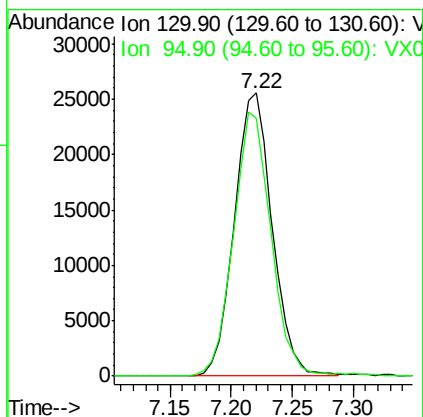
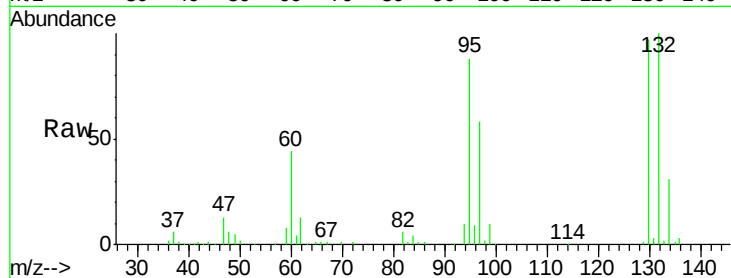
#37
 Trichloroethene
 Concen: 19.51 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX002685.D
 Acq: 18 Jun 2018 17:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0618WBSD01

Tot Ion:130 Resp: 54825
 Ion Ratio Lower Upper
 130 100
 95 91.2 81.5 122.3

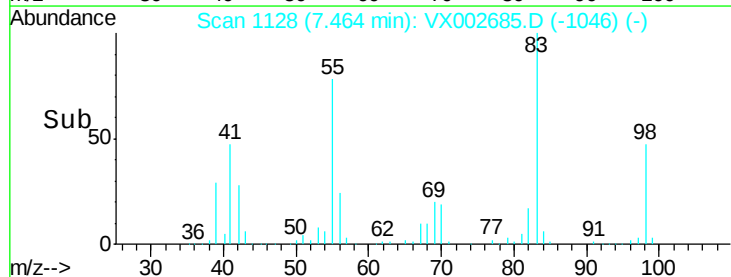
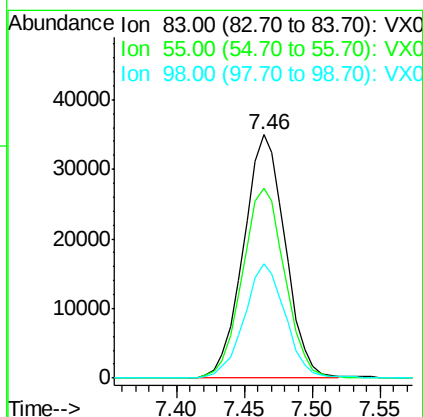
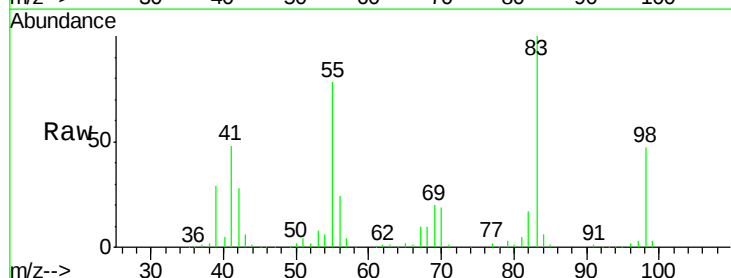
Manual Integrations
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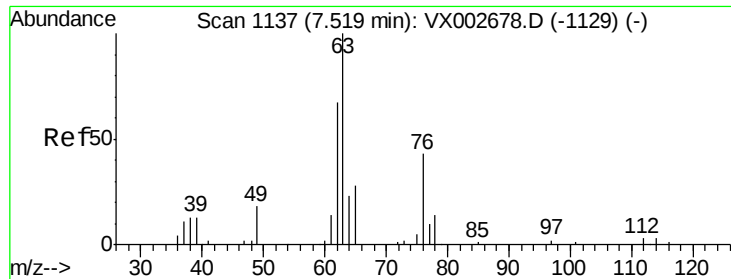
MMDadoda
 6/19/2018 1:05:32 PM



#38
 Methylcyclohexane
 Concen: 19.00 ug/l
 RT: 7.46 min Scan# 1128
 Delta R.T. 0.00 min
 Lab File: VX002685.D
 Acq: 18 Jun 2018 17:54

Tgt Ion: 83 Resp: 74903
 Ion Ratio Lower Upper
 83 100
 55 79.7 40.6 121.8
 98 46.3 23.5 70.5





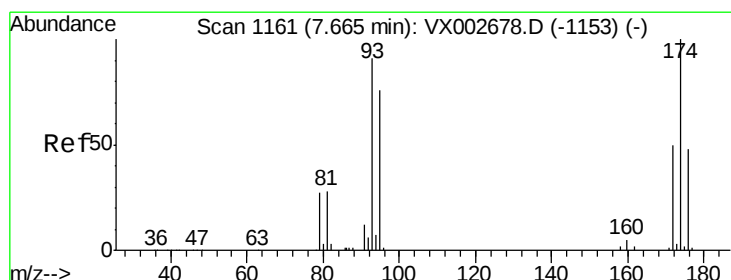
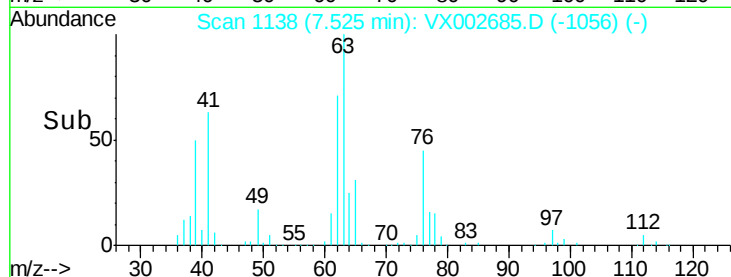
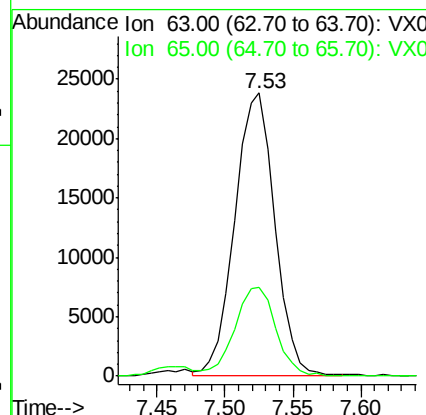
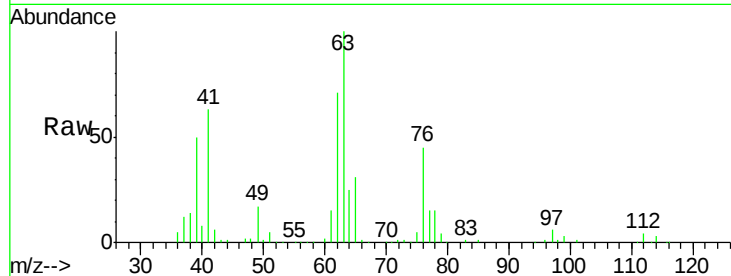
#39
 1,2-Dichloropropane
 Concen: 19.65 ug/l
 RT: 7.53 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX002685.D
 Acq: 18 Jun 2018 17:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0618WBSD01

Tot Ion: 63 Resp: 49174
 Ion Ratio Lower Upper
 63 100
 65 31.1 23.3 34.9

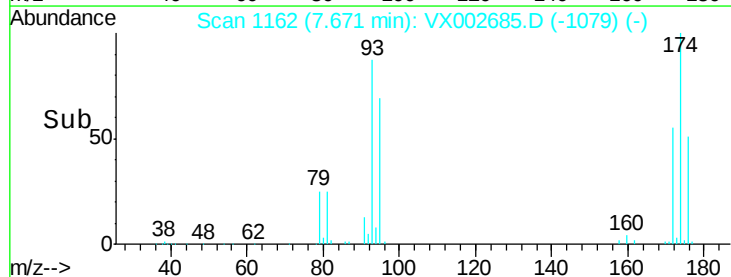
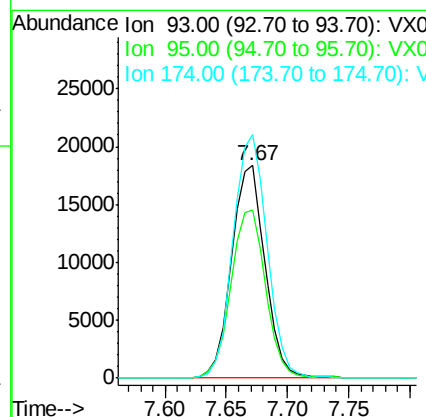
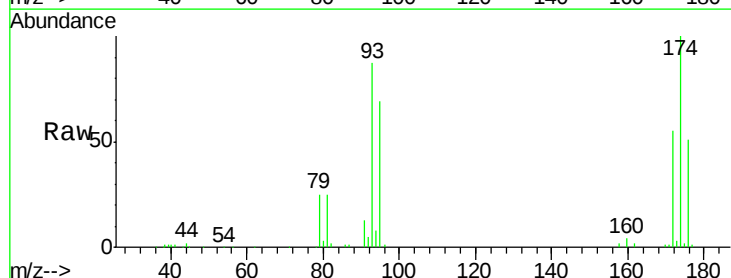
Manual Integrations
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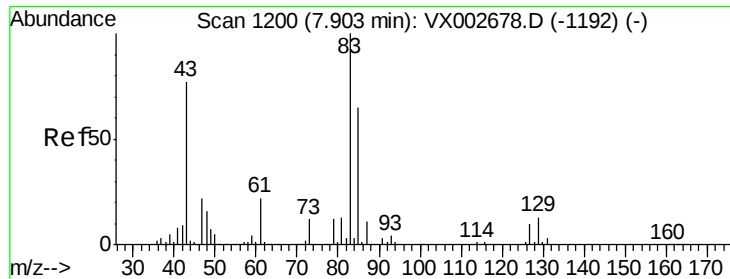
MMDadoda
 6/19/2018 1:05:32 PM



#40
 Dibromomethane
 Concen: 20.04 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.01 min
 Lab File: VX002685.D
 Acq: 18 Jun 2018 17:54

Tgt Ion: 93 Resp: 34842
 Ion Ratio Lower Upper
 93 100
 95 81.9 0.0 162.6
 174 115.7 0.0 229.4





#41

Bromodichloromethane

Concen: 19.02 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX002685.D

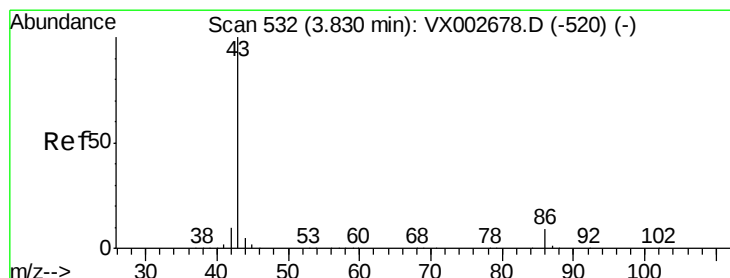
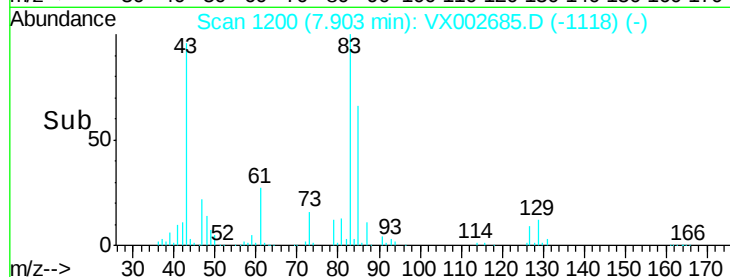
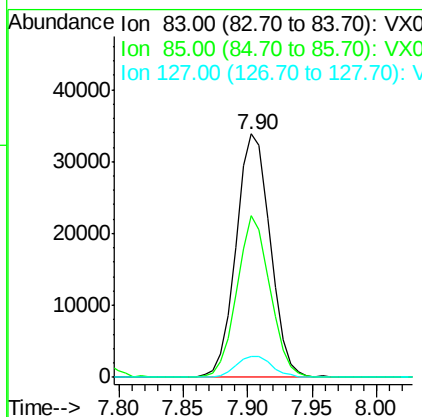
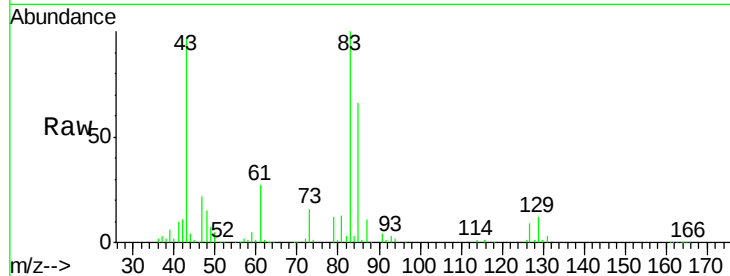
Acq: 18 Jun 2018 17:54

Tot Ion:	83	Resp:	62123
Ion Ratio	Lower	Upper	
83	100		
85	66.3	49.8	74.8
127	8.5	7.3	10.9

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBSD01

Manual Integrations
APPROVED

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6/19/2018 1:05:32 PM



#42

Vinyl Acetate

Concen: 101.72 ug/l

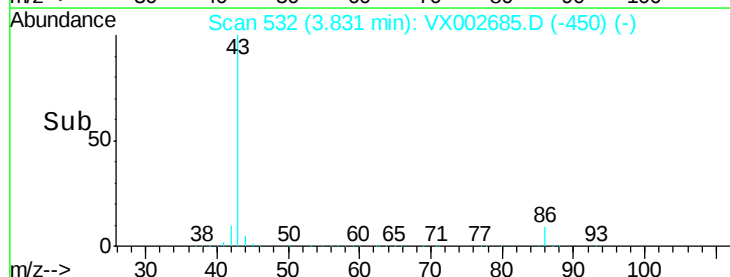
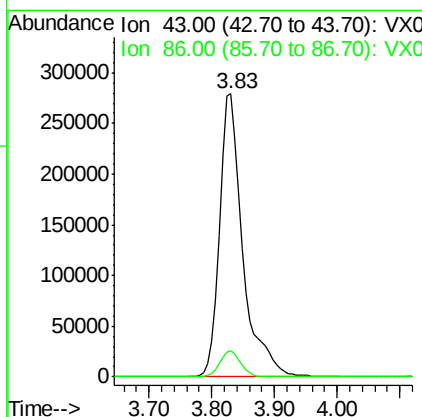
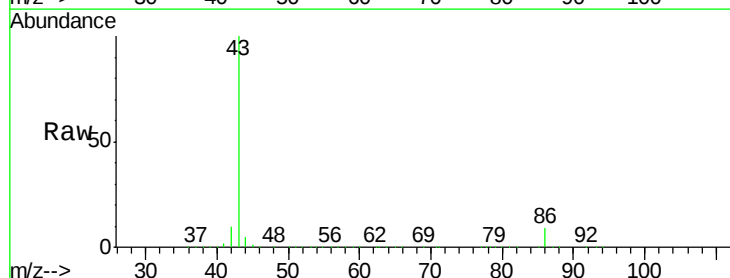
RT: 3.83 min Scan# 532

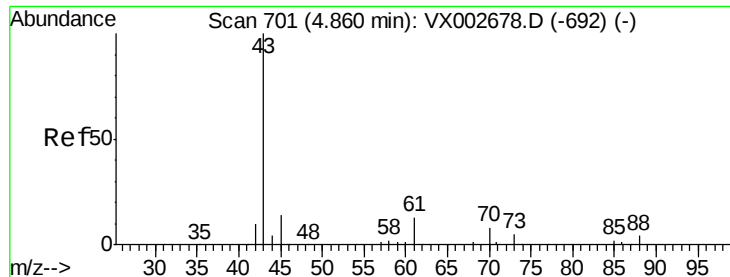
Delta R.T. 0.00 min

Lab File: VX002685.D

Acq: 18 Jun 2018 17:54

Tgt Ion:	43	Resp:	715200
Ion Ratio	Lower	Upper	
43	100		
86	8.4	6.7	10.1





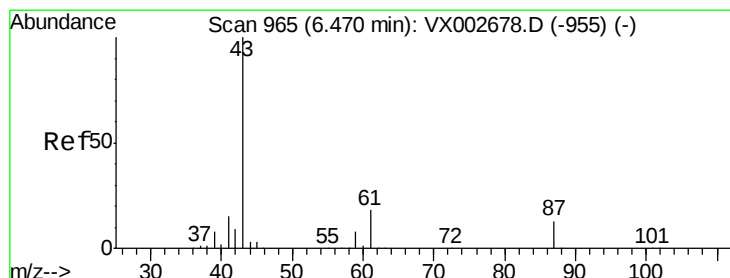
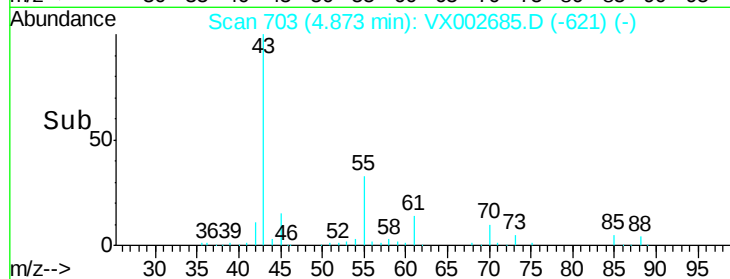
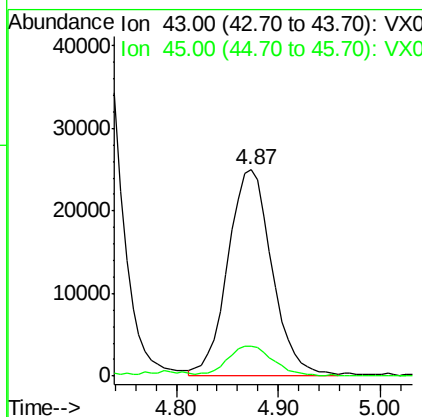
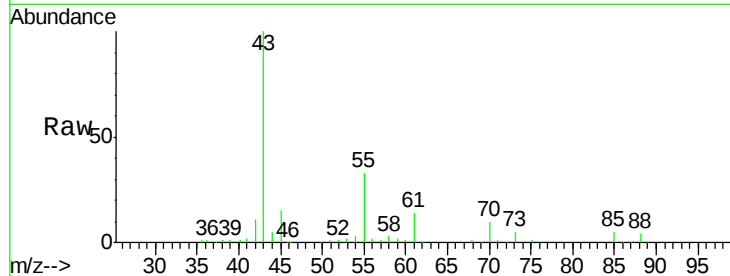
#43
Ethyl Acetate
Concen: 21.09 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.00 min
Lab File: VX002685.D
Acq: 18 Jun 2018 17:54

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBSD01

Tot Ion: 43 Resp: 74793
Ion Ratio Lower Upper
43 100
45 13.8 11.0 16.4

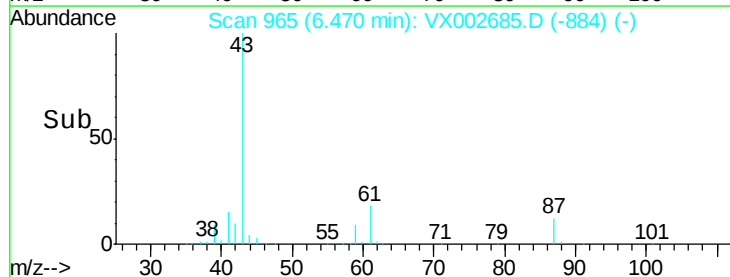
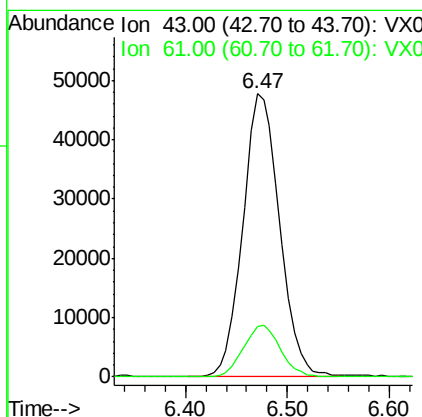
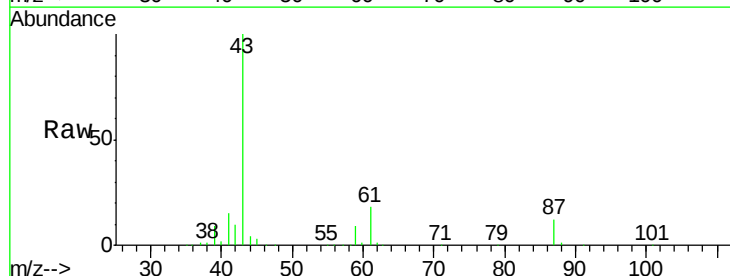
Manual Integrations
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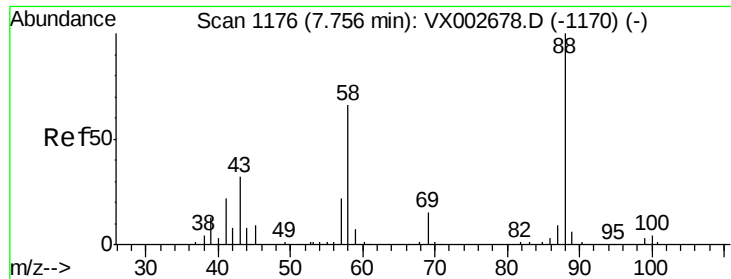
MMDadoda
6/19/2018 1:05:32 PM



#44
Isopropyl Acetate
Concen: 20.06 ug/l
RT: 6.47 min Scan# 965
Delta R.T. -0.01 min
Lab File: VX002685.D
Acq: 18 Jun 2018 17:54

Tgt Ion: 43 Resp: 119185
Ion Ratio Lower Upper
43 100
61 18.6 14.5 21.7





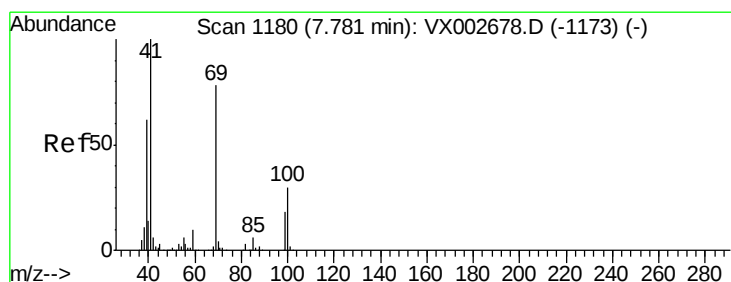
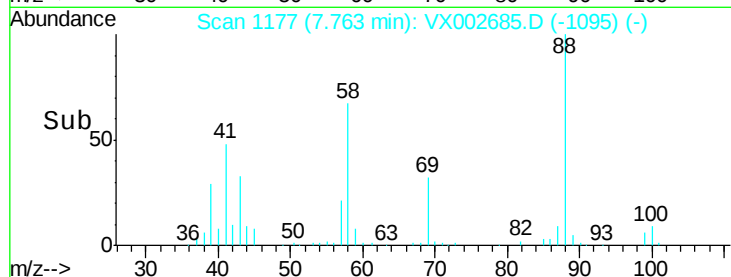
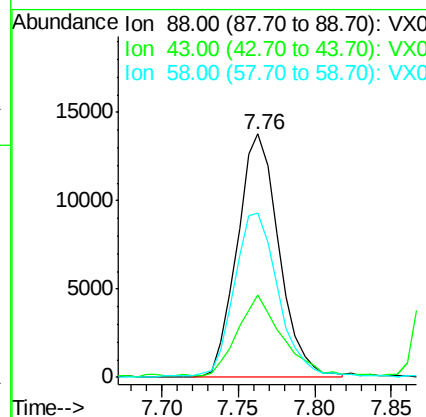
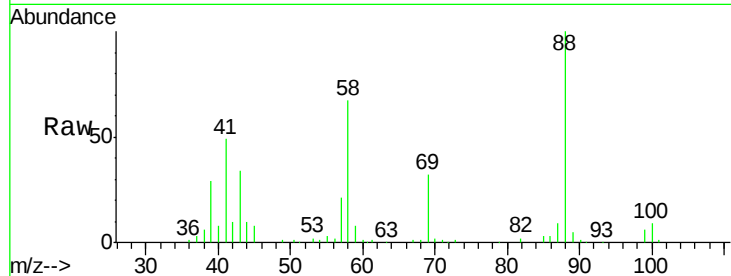
#45
 1,4-Dioxane
 Concen: 449.05 ug/l
 RT: 7.76 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: VX002685.D
 Acq: 18 Jun 2018 17:54

Instrument :
 MSVOA_X
 ClientSampled :
 VX0618WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.7	43.2	64.8#
58	71.8	60.2	90.2

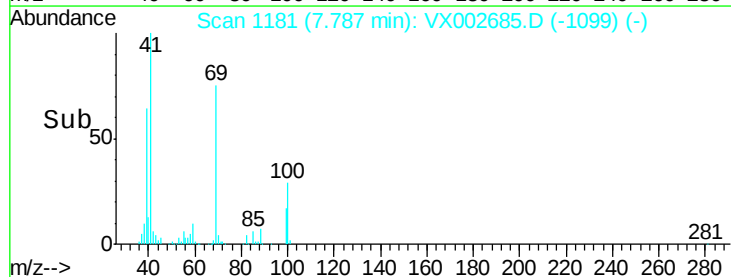
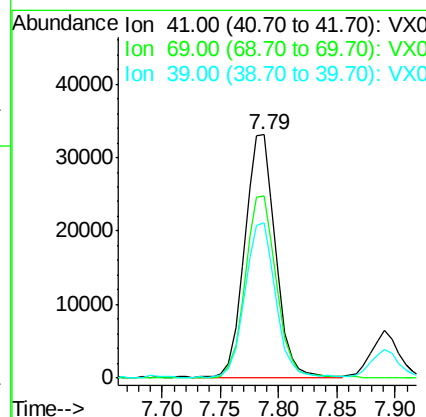
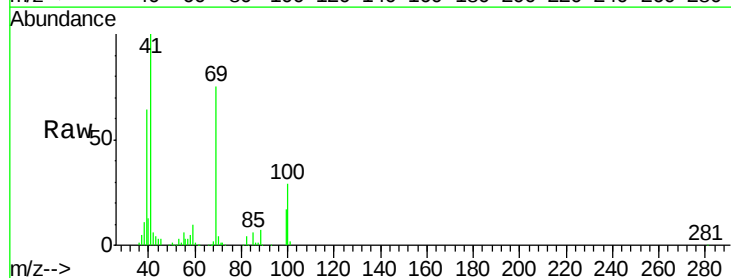
Manual Integrations
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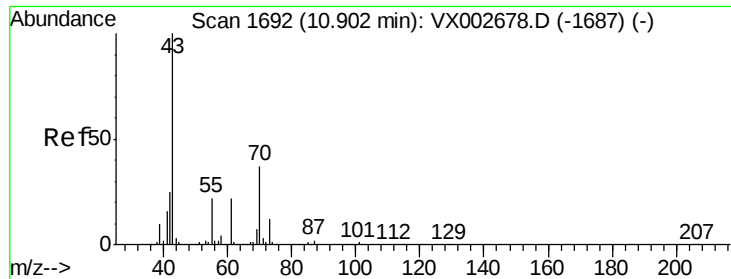
MMDadoda
 6/19/2018 1:05:32 PM



#46
 Methyl methacrylate
 Concen: 20.14 ug/l
 RT: 7.79 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VX002685.D
 Acq: 18 Jun 2018 17:54

Tgt Ion	Ratio	Lower	Upper
41	100		
69	74.8	37.0	110.9
39	63.4	29.6	88.9





#47

n-amvl Acetate

Concen: 18.62 ug/l

RT: 10.90 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX002685.D

Acq: 18 Jun 2018 17:54

Instrument :

MSVOA_X

ClientSampleId :

VX0618WBSD01

Tot Ion: 43 Resp: 104403

Ion Ratio Lower Upper

43 100

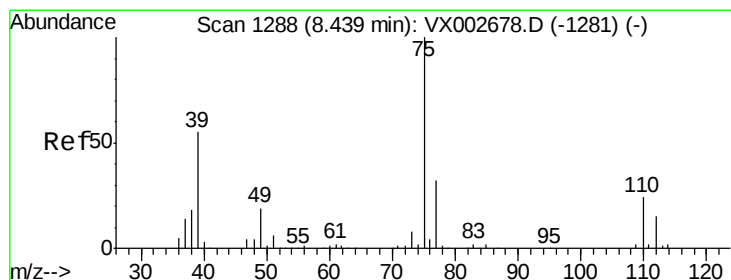
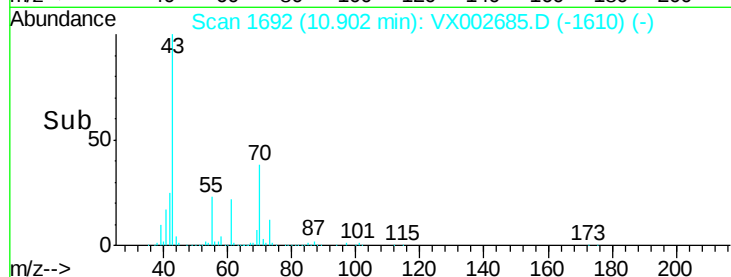
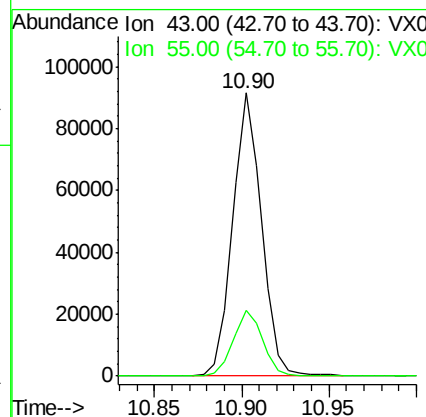
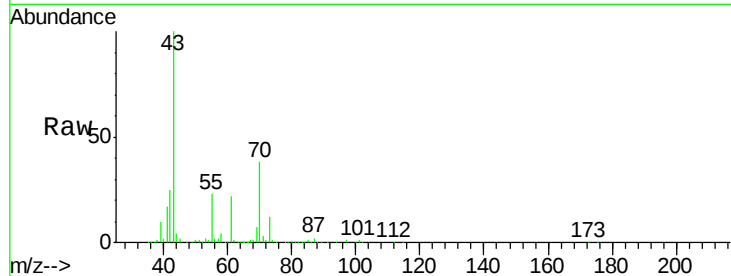
55 24.0 0.1 0.1#

Manual Integrations

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#48

t-1,3-Dichloropropene

Concen: 18.77 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX002685.D

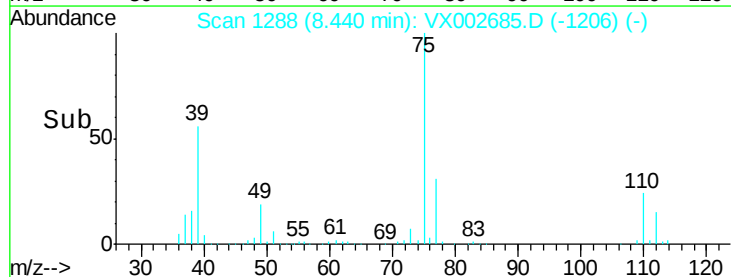
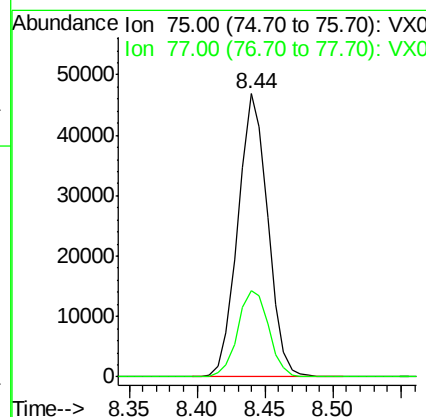
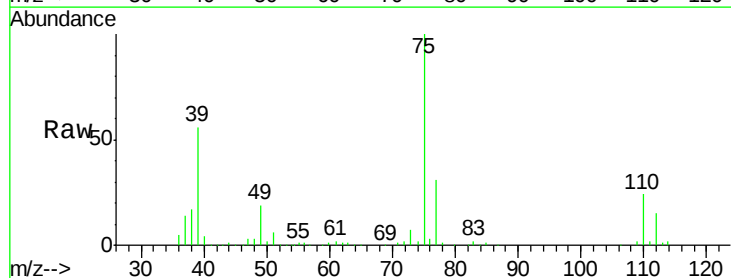
Acq: 18 Jun 2018 17:54

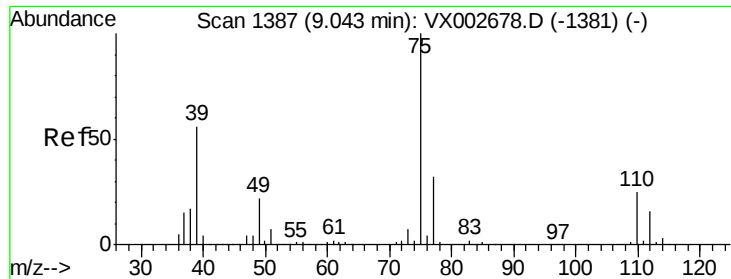
Tgt Ion: 75 Resp: 71969

Ion Ratio Lower Upper

75 100

77 30.5 25.6 38.4





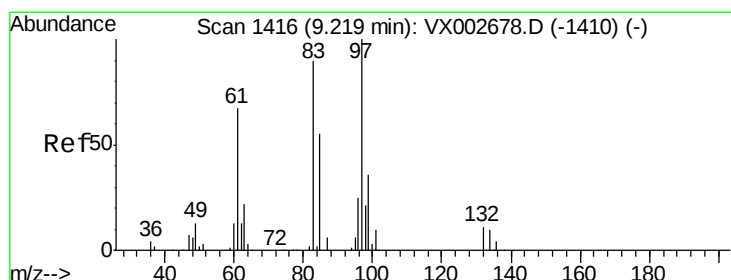
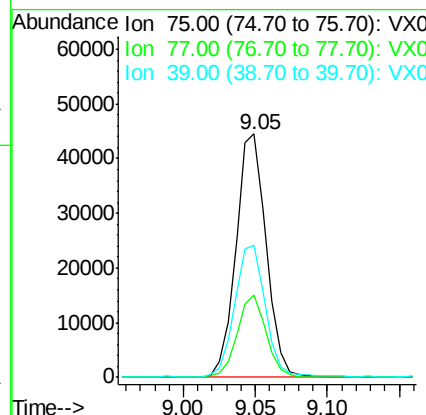
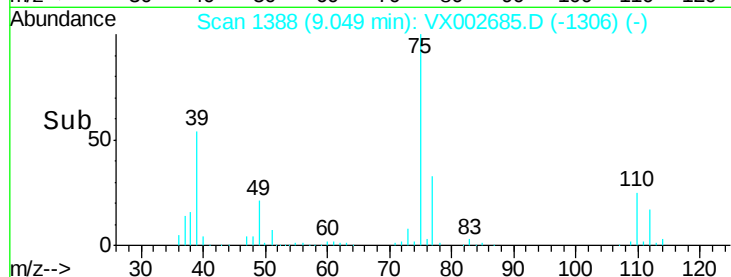
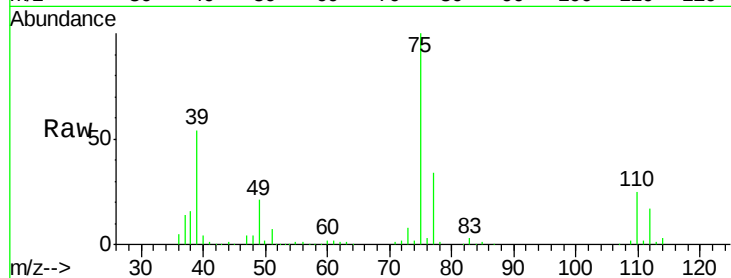
#49
 cis-1,3-Dichloropropene
 Concen: 18.22 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VX002685.D
 Acq: 18 Jun 2018 17:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0618WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	33.6	25.4	38.2
39	54.0	42.3	63.5

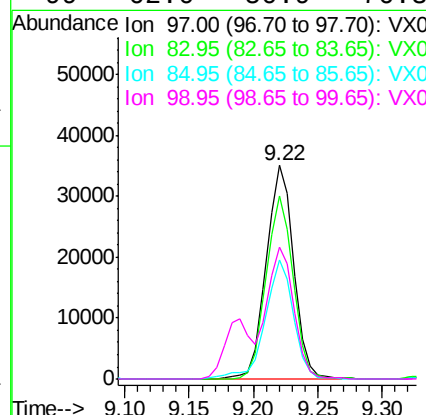
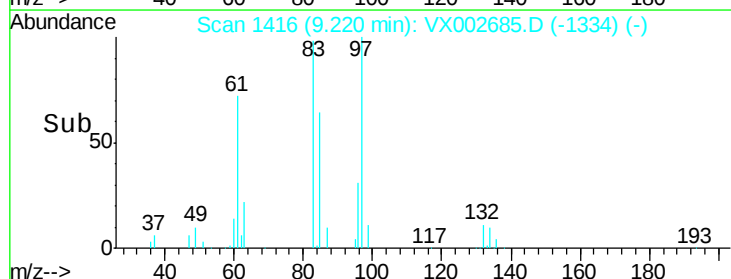
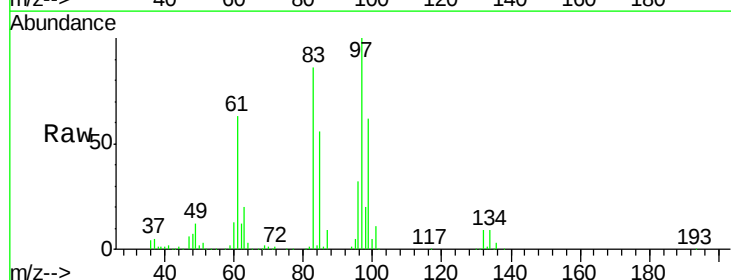
Manual Integrations
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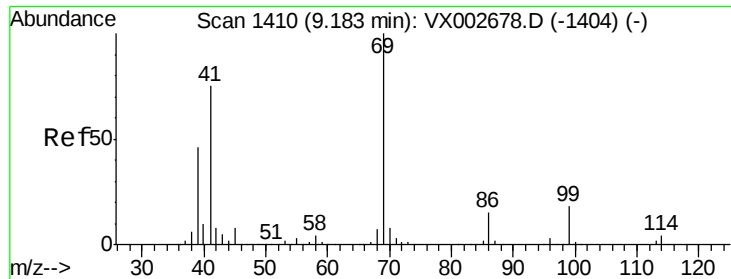
MMDadoda
 6/19/2018 1:05:32 PM



#50
 1,1,2-Trichloroethane
 Concen: 20.22 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX002685.D
 Acq: 18 Jun 2018 17:54

Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.9	70.8	106.2
85	55.9	43.5	65.3
99	62.0	50.9	76.3





#51

Ethyl methacrylate

Concen: 19.31 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. 0.00 min

Lab File: VX002685.D

Acq: 18 Jun 2018 17:54

Instrument :

MSVOA_X

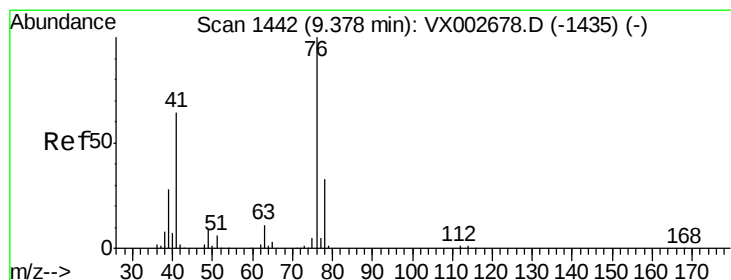
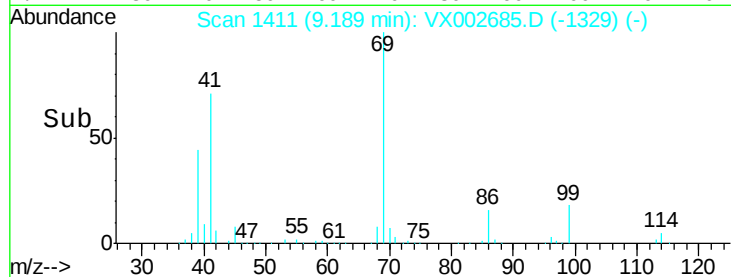
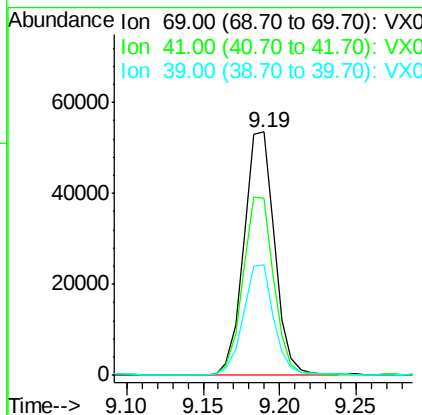
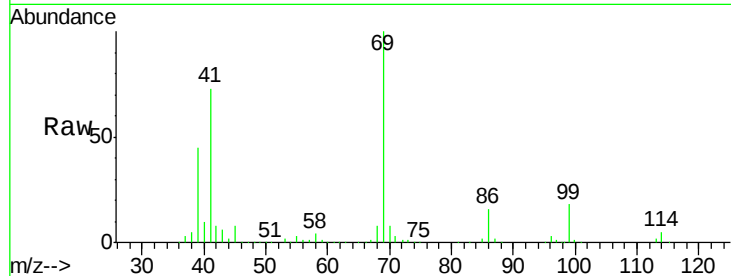
ClientSampleId :

VX0618WBSD01

Tot Ion:	69	Resp:	74748
Ion	Ratio	Lower	Upper
69	100		
41	72.6	39.1	117.3
39	45.1	21.7	65.1

Manual Integrations
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6/19/2018 1:05:32 PM



#52

1,3-Dichloropropane

Concen: 19.93 ug/l

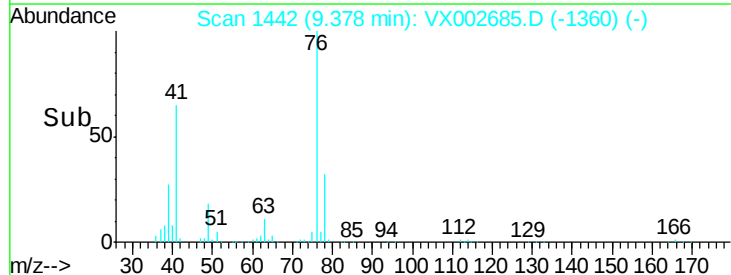
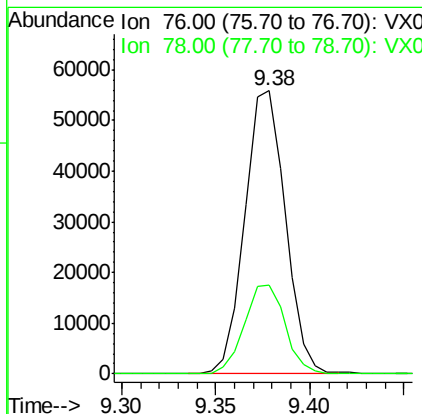
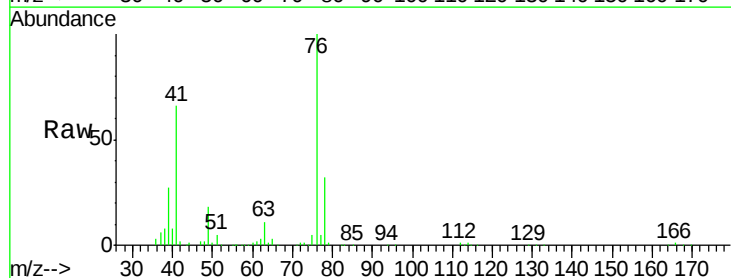
RT: 9.38 min Scan# 1442

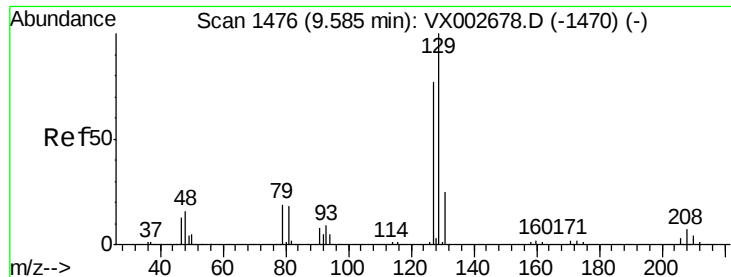
Delta R.T. 0.00 min

Lab File: VX002685.D

Acq: 18 Jun 2018 17:54

Tgt Ion:	76	Resp:	83488
Ion	Ratio	Lower	Upper
76	100		
78	31.9	0.0	63.4





#53

Dibromochloromethane

Concen: 18.21 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. 0.00 min

Lab File: VX002685.D

Acq: 18 Jun 2018 17:54

Instrument :

MSVOA_X

ClientSampleId :

VX0618WBSD01

Tot Ion:129 Resp: 49582

Ion Ratio Lower Upper

129 100

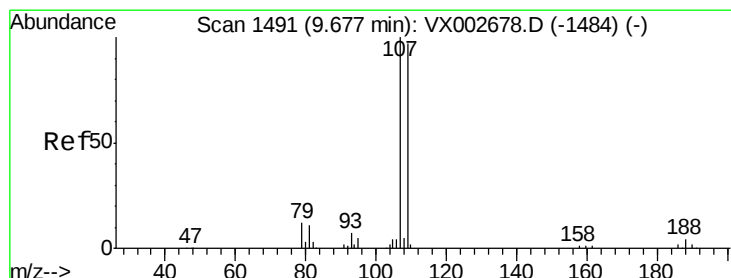
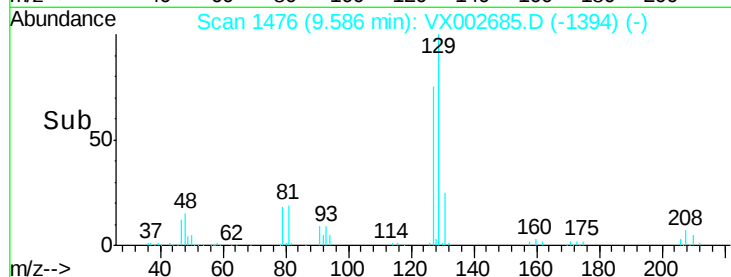
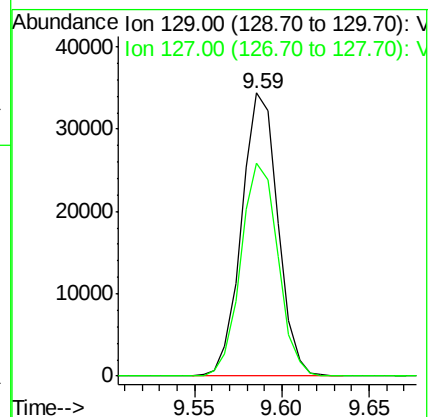
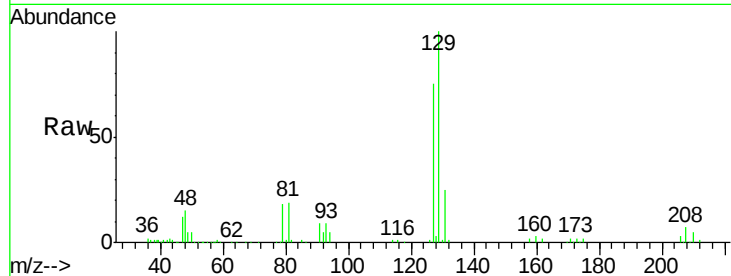
127 77.0 38.5 115.3

Manual Integrations

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#54

1,2-Dibromoethane

Concen: 19.60 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX002685.D

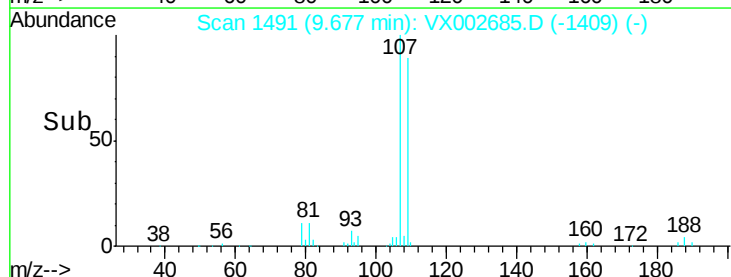
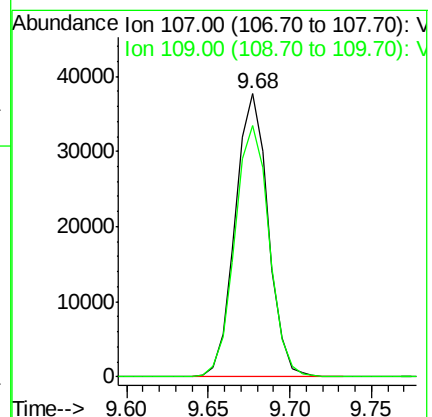
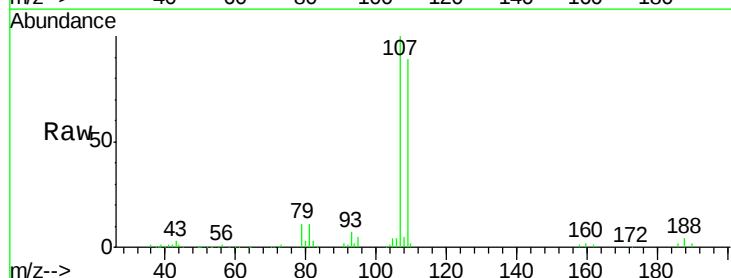
Acq: 18 Jun 2018 17:54

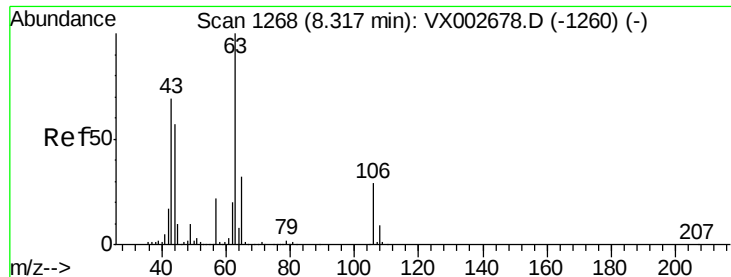
Tgt Ion:107 Resp: 52967

Ion Ratio Lower Upper

107 100

109 93.0 75.5 113.3





#55

2-Chloroethyl vinyl ether

Concen: 101.01 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX002685.D

Acq: 18 Jun 2018 17:54

Instrument :

MSVOA_X

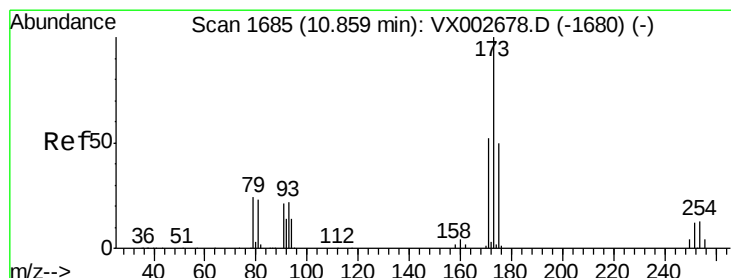
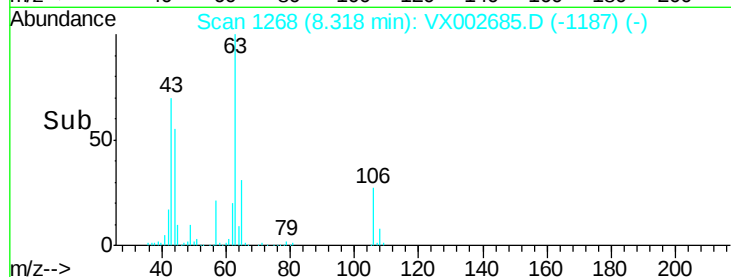
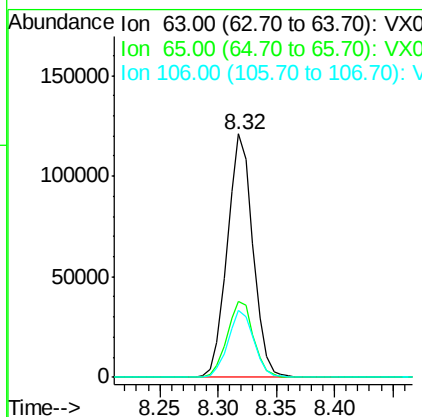
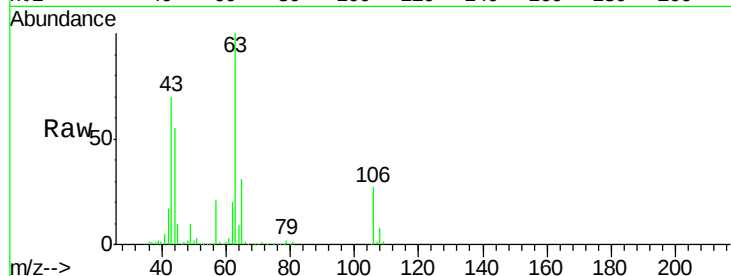
ClientSampleId :

VX0618WBSD01

Tot Ion:	63	Resp:	185754
Ion	Ratio	Lower	Upper
63	100		
65	32.1	25.6	38.4
106	27.8	21.6	32.4

Manual Integrations
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#56

Bromoform

Concen: 17.16 ug/l

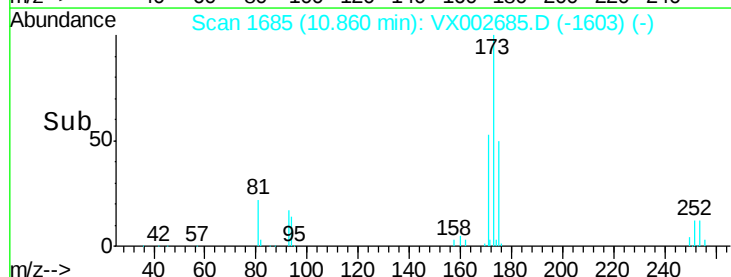
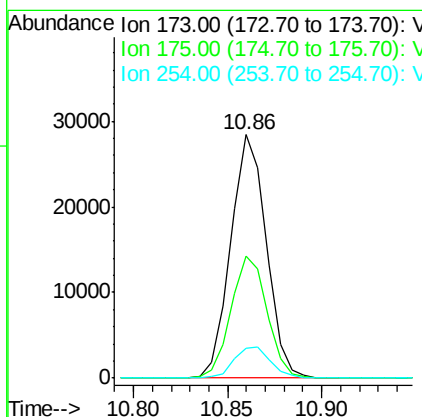
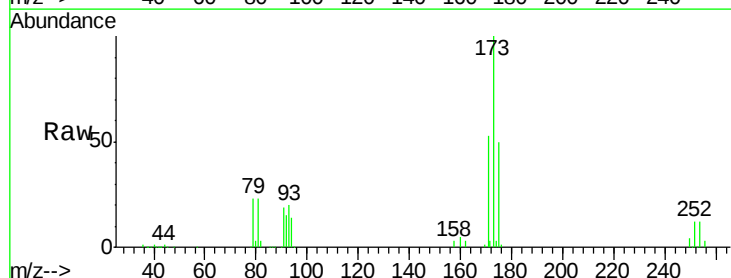
RT: 10.86 min Scan# 1685

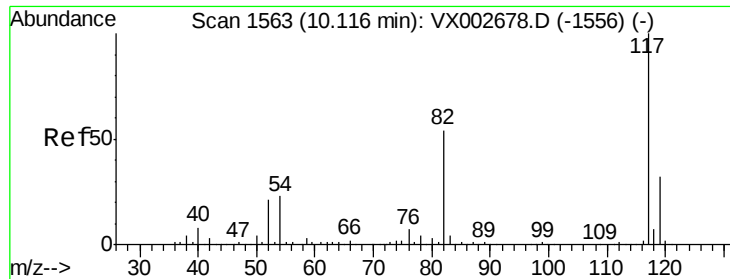
Delta R.T. 0.00 min

Lab File: VX002685.D

Acq: 18 Jun 2018 17:54

Tgt Ion:	173	Resp:	37291
Ion	Ratio	Lower	Upper
173	100		
175	51.0	39.0	58.4
254	13.3	9.6	14.4





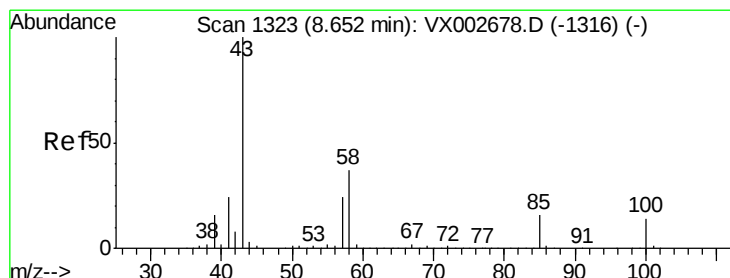
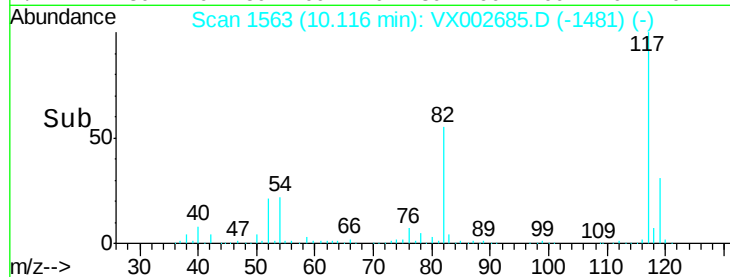
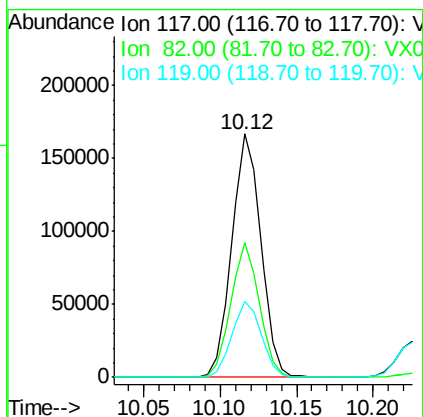
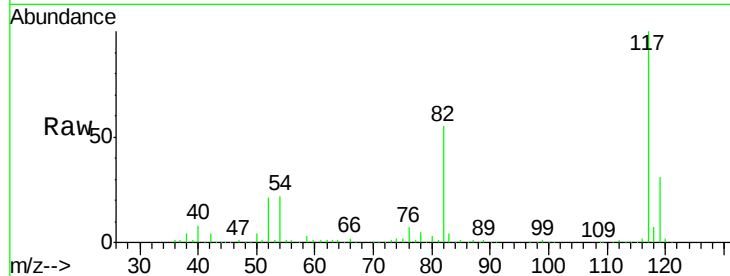
#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002685.D
Acq: 18 Jun 2018 17:54

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.1	44.3	66.5
119	31.8	25.7	38.5

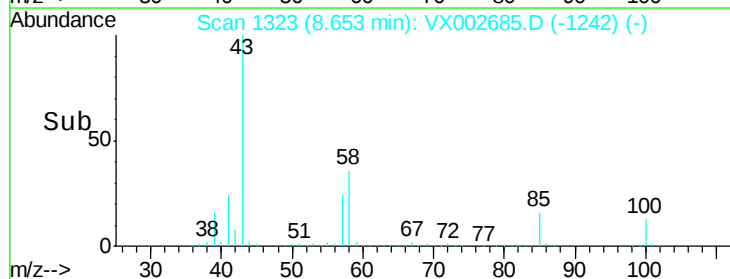
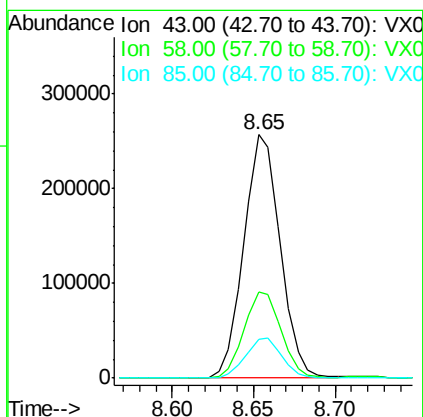
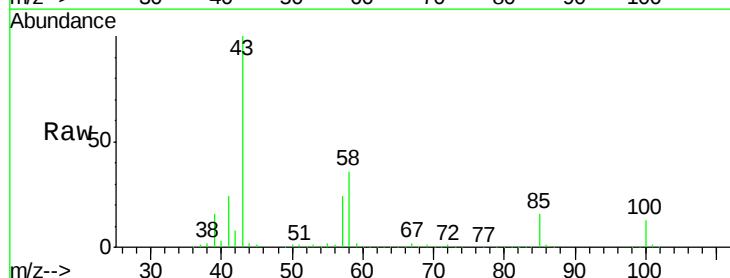
Manual Integrations
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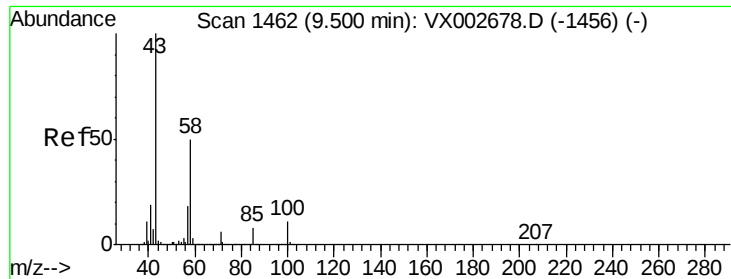
MMDadoda
6/19/2018 1:05:32 PM



#58
4-Methyl-2-Pentanone
Concen: 106.96 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.01 min
Lab File: VX002685.D
Acq: 18 Jun 2018 17:54

Tgt Ion	Ratio	Lower	Upper
43	100		
58	36.4	28.2	42.4
85	16.4	12.4	18.6





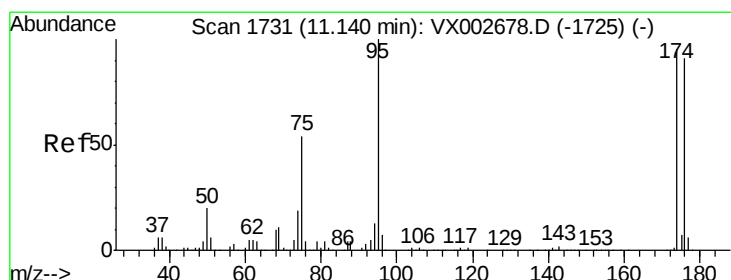
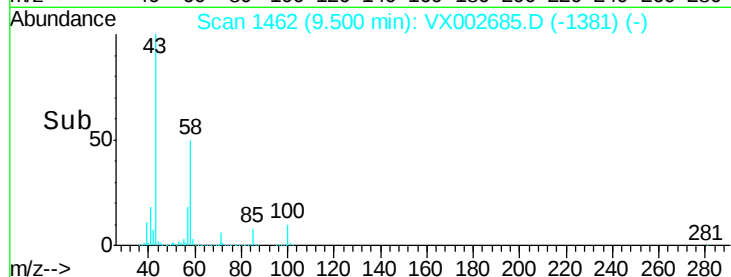
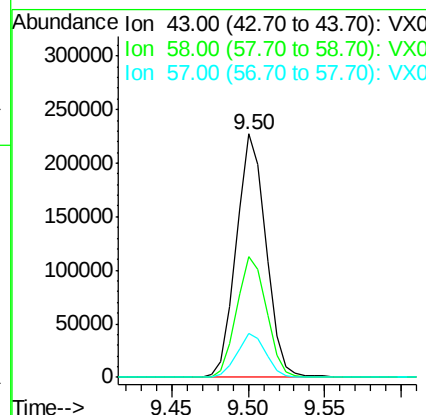
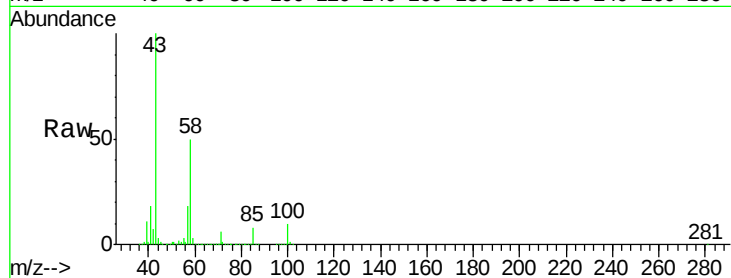
#59
2-Hexanone
Concen: 106.71 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX002685.D
Acq: 18 Jun 2018 17:54

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	49.7	39.6	59.4
57	17.6	14.1	21.1

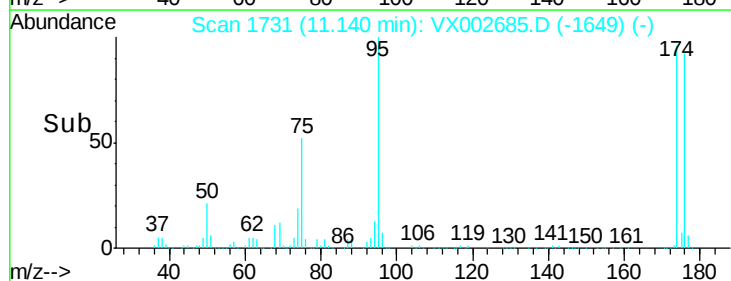
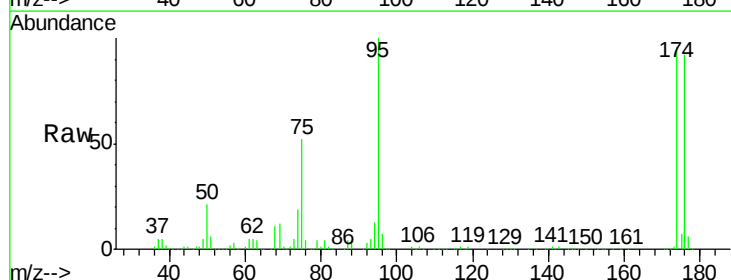
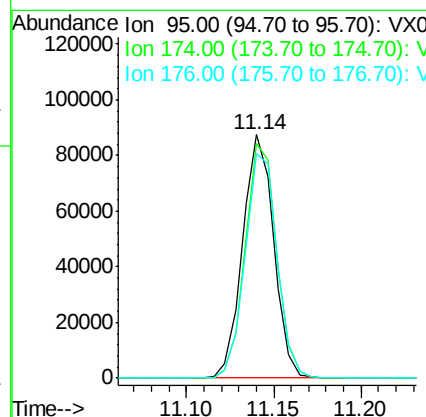
Manual Integrations
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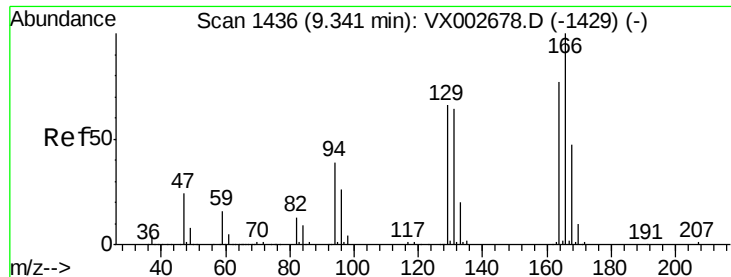
MMDadoda
6/19/2018 1:05:32 PM



#60
4-Bromofluorobenzene
Concen: 29.74 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002685.D
Acq: 18 Jun 2018 17:54

Tgt Ion	Ratio	Lower	Upper
95	100		
174	97.4	71.8	107.6
176	94.1	70.1	105.1





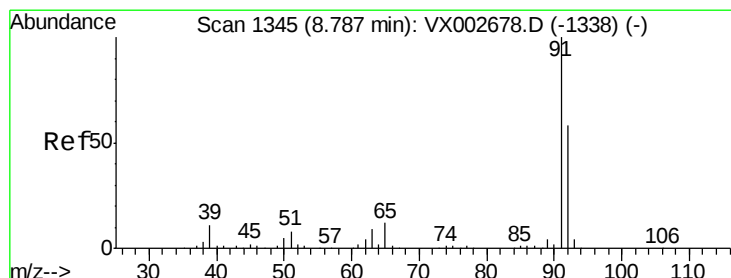
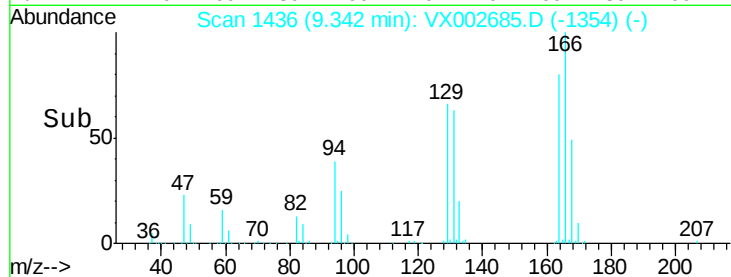
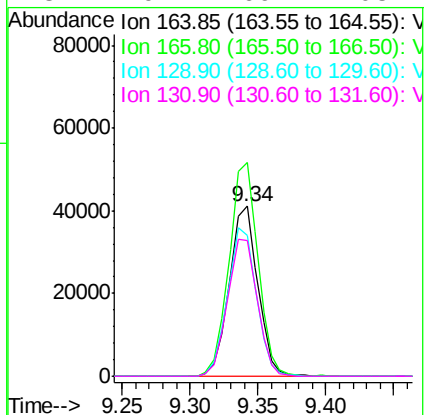
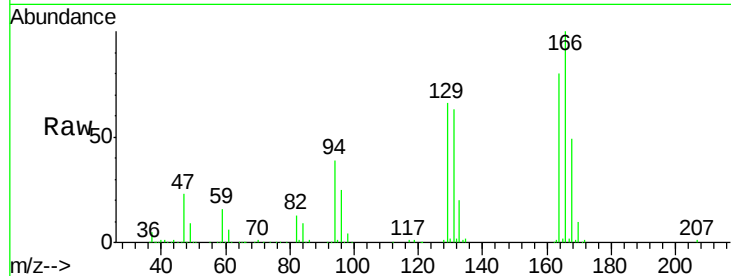
#61
Tetrachloroethene
Concen: 19.85 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX002685.D
Acq: 18 Jun 2018 17:54

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBSD01

Tot Ion	Ratio	Lower	Upper
164	100		
166	125.7	102.4	153.6
129	83.2	70.1	105.1
131	79.7	69.1	103.7

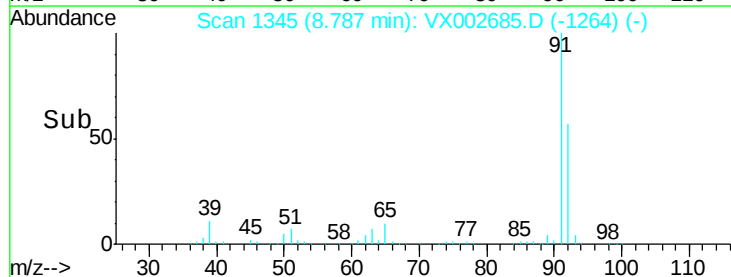
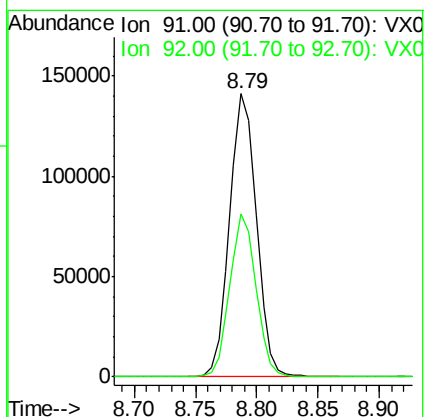
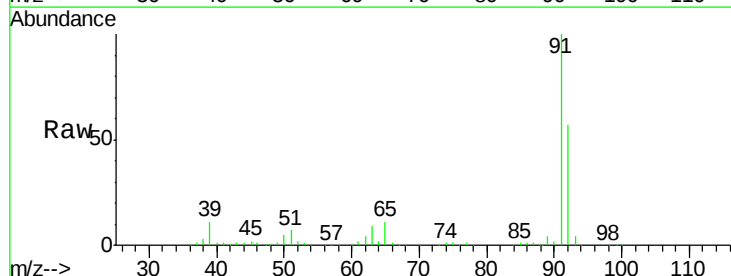
Manual Integrations
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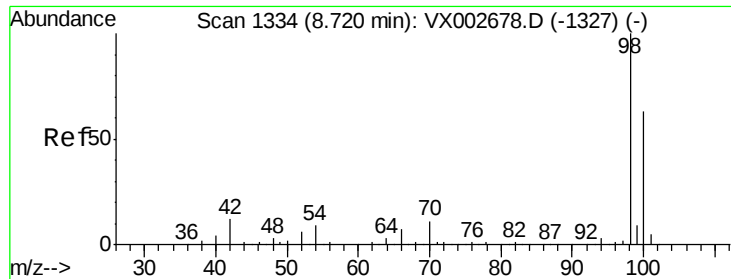
MMDadoda
6/19/2018 1:05:32 PM



#62
Toluene
Concen: 20.25 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.01 min
Lab File: VX002685.D
Acq: 18 Jun 2018 17:54

Tgt Ion	Ratio	Lower	Upper
91	100		
92	56.1	46.5	69.7





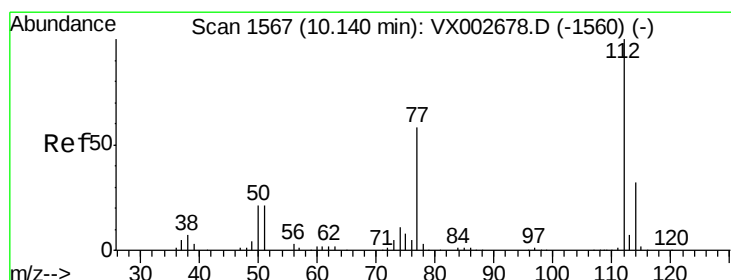
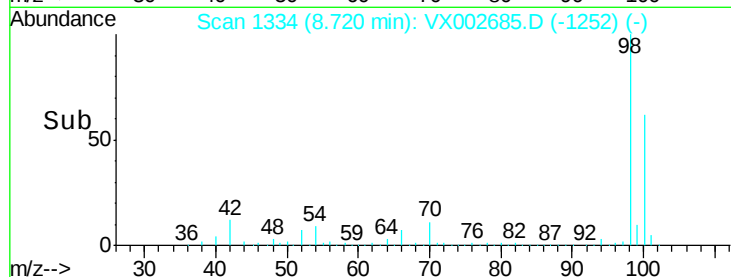
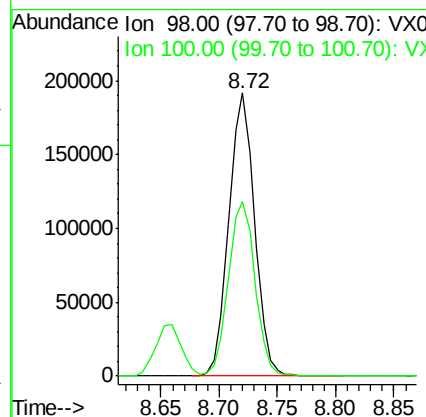
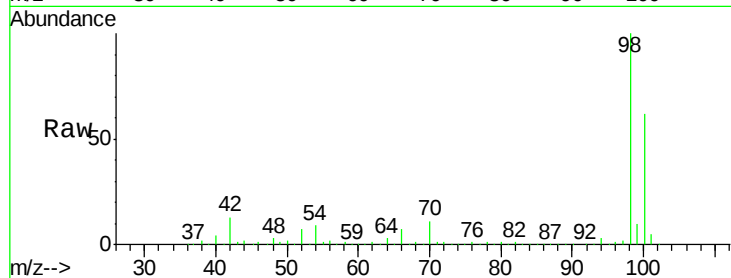
#63
Toluene-d8
Concen: 30.69 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002685.D
Acq: 18 Jun 2018 17:54

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBSD01

Tot Ion: 98 Resp: 295378
Ion Ratio Lower Upper
98 100
100 63.6 50.8 76.2

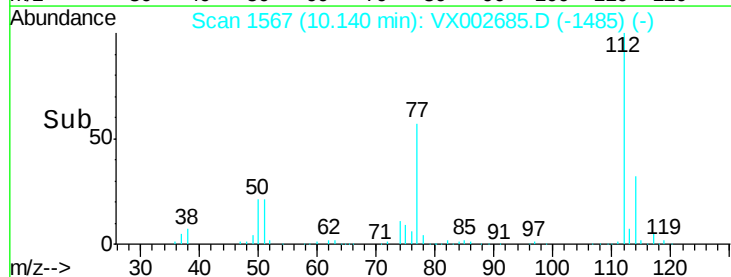
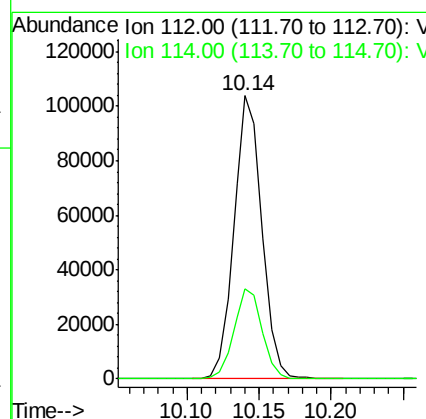
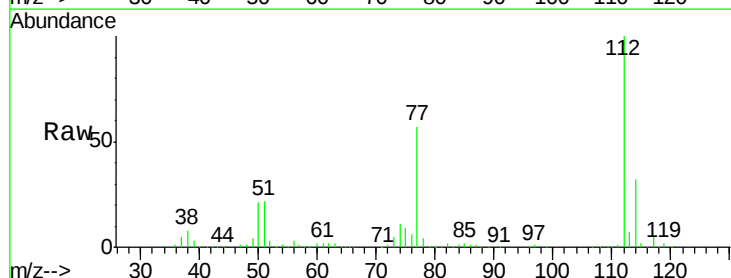
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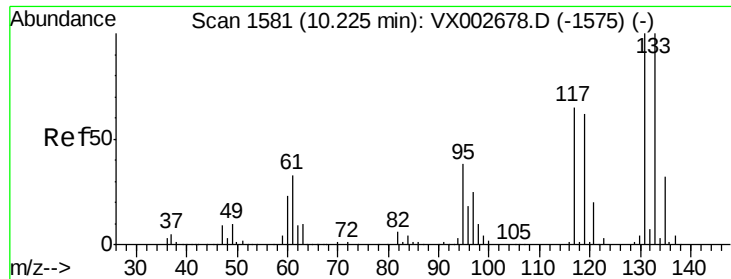
MMDadoda
6/19/2018 1:05:32 PM



#64
Chlorobenzene
Concen: 19.95 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX002685.D
Acq: 18 Jun 2018 17:54

Tgt Ion: 112 Resp: 140778
Ion Ratio Lower Upper
112 100
114 31.9 25.6 38.4





#65

1,1,1,2-Tetrachloroethane

Concen: 19.78 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX002685.D

Acq: 18 Jun 2018 17:54

Instrument :

MSVOA_X

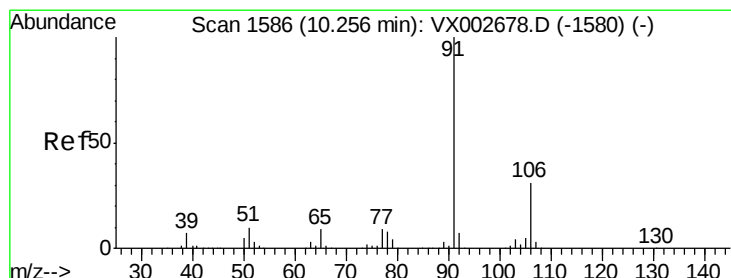
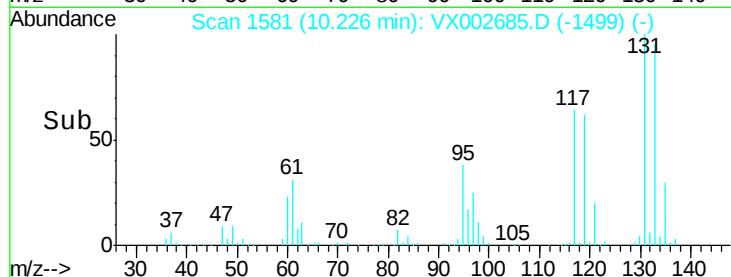
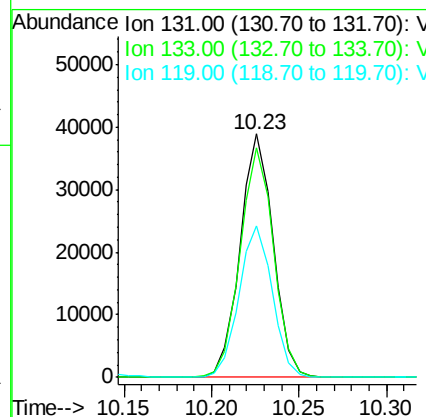
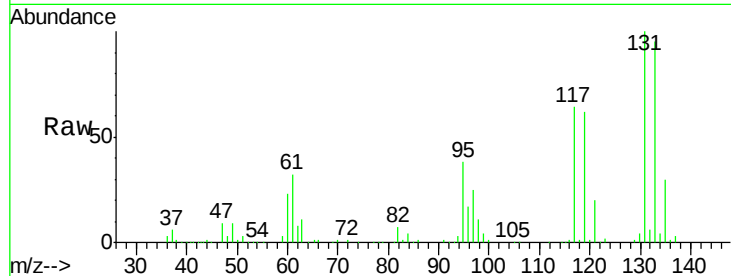
ClientSampleId :

VX0618WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
131	100	51147		
133	95.3	0.0	191.2	
119	62.8	0.0	125.4	

Manual Integrations
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#66

Ethyl Benzene

Concen: 19.80 ug/l

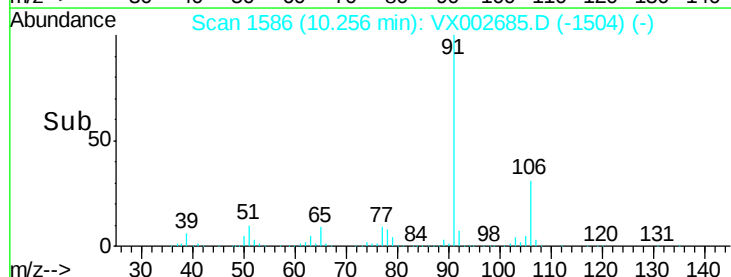
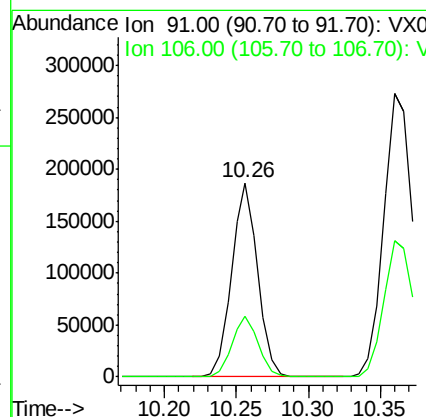
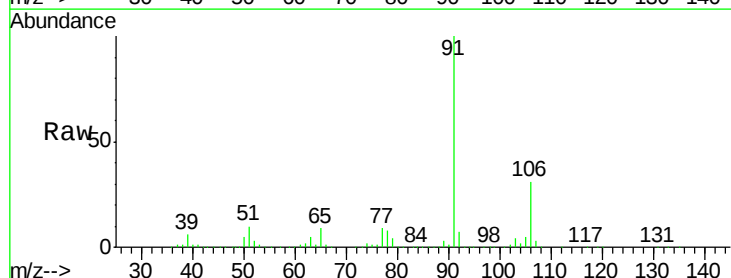
RT: 10.26 min Scan# 1586

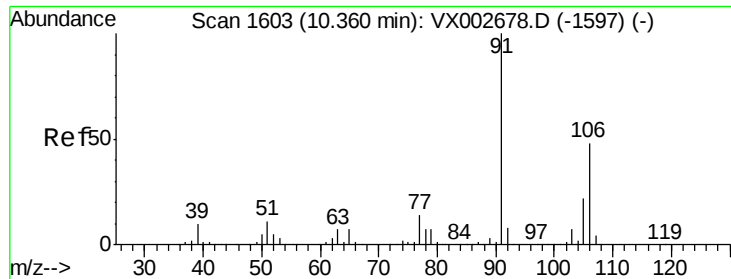
Delta R.T. 0.00 min

Lab File: VX002685.D

Acq: 18 Jun 2018 17:54

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	236841		
106	31.2	25.2	37.8	





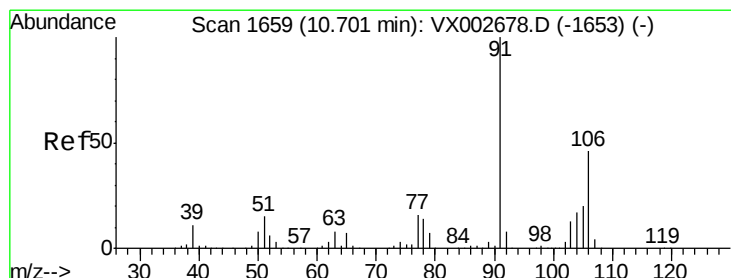
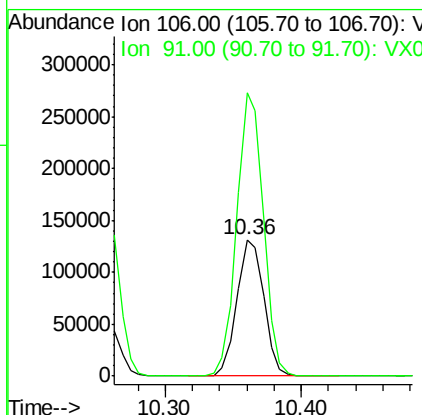
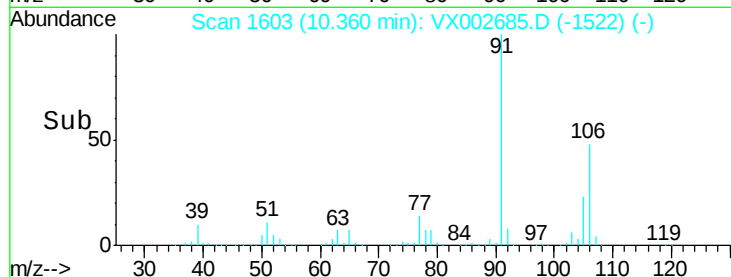
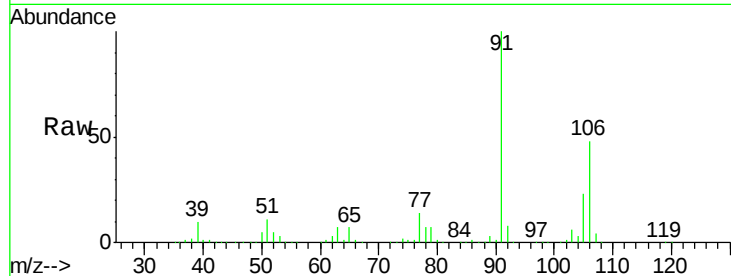
#67
m/p-Xvlenes
Concen: 39.18 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VX002685.D
Acq: 18 Jun 2018 17:54

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBSD01

Tot Ion:106 Resp: 182083
Ion Ratio Lower Upper
106 100
91 203.9 164.1 246.1

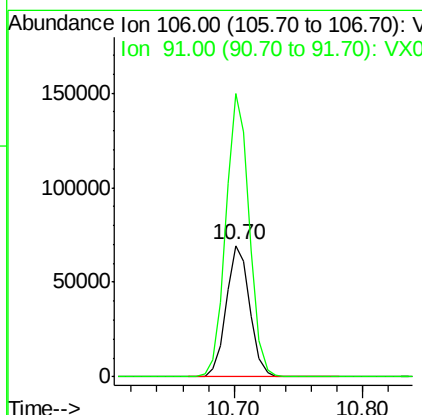
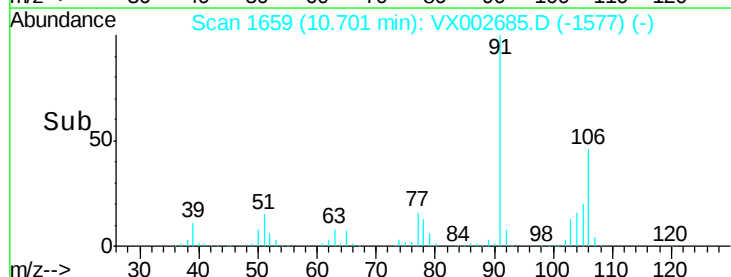
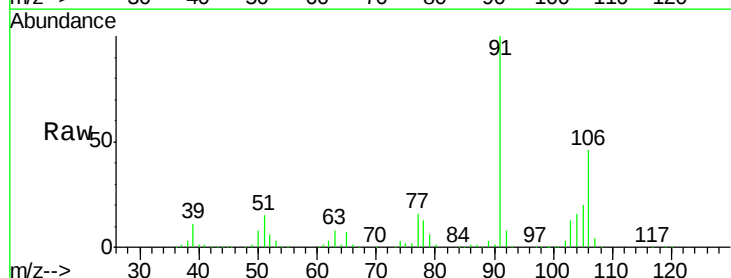
Manual Integrations
APPROVED

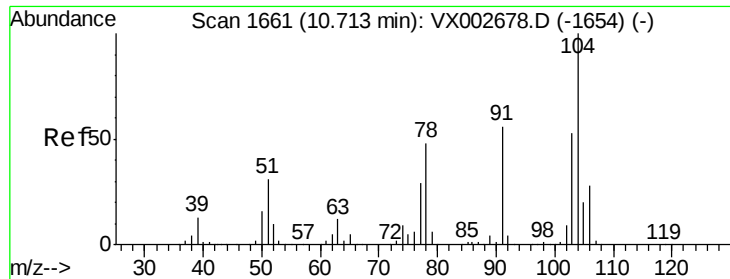
MMDadoda
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#68
o-Xylene
Concen: 19.69 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX002685.D
Acq: 18 Jun 2018 17:54

Tgt Ion:106 Resp: 89180
Ion Ratio Lower Upper
106 100
91 214.8 109.1 327.3





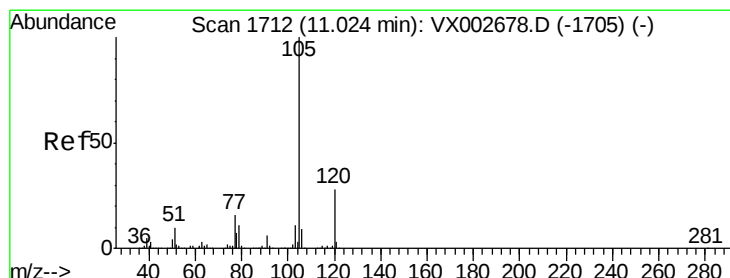
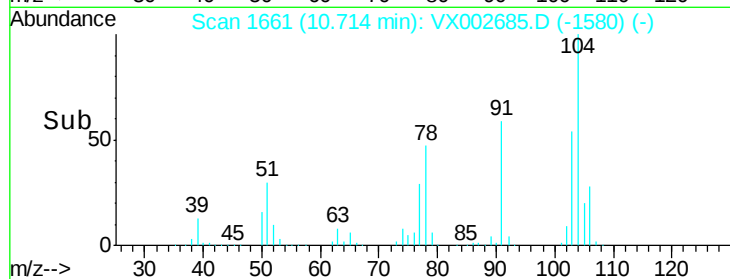
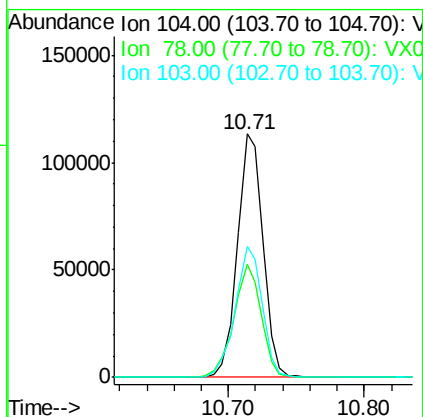
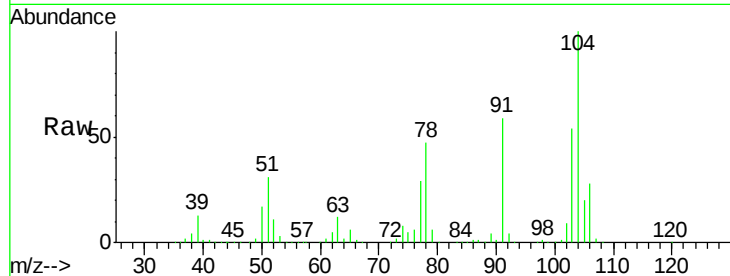
#69
Stvrene
Concen: 19.59 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.01 min
Lab File: VX002685.D
Acq: 18 Jun 2018 17:54

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
104	100		148017		
78	49.9	41.8	62.8		
103	56.6	44.9	67.3		

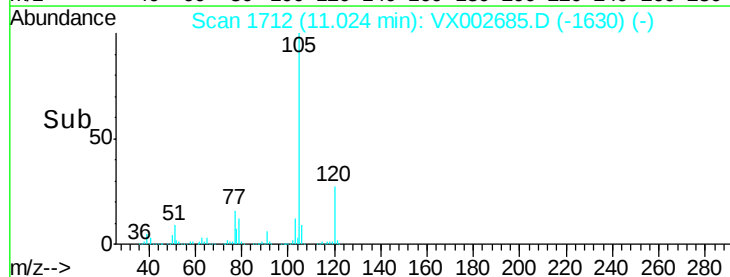
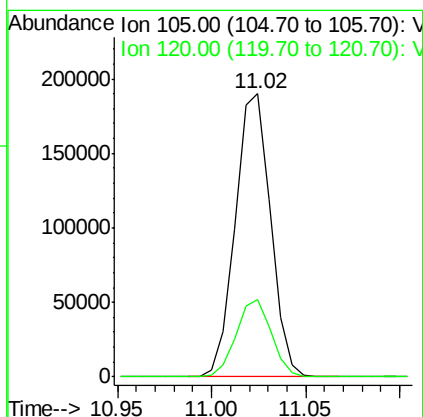
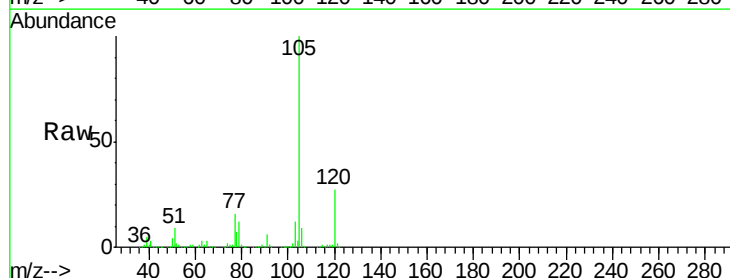
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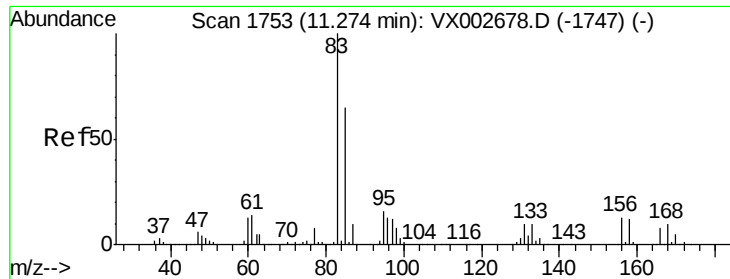
MMDadoda
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#70
Isopropylbenzene
Concen: 19.79 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. 0.00 min
Lab File: VX002685.D
Acq: 18 Jun 2018 17:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		247139		
120	27.1	19.0	35.2		





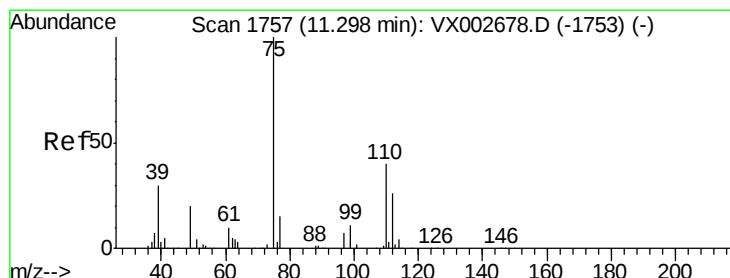
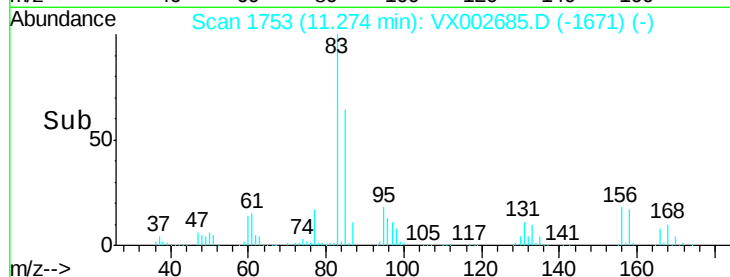
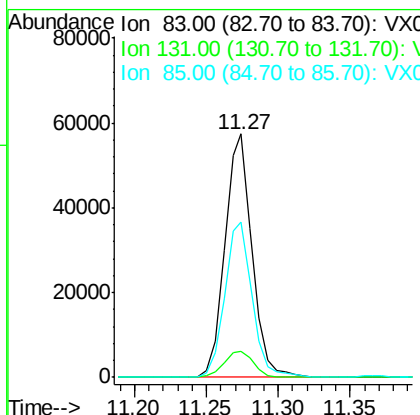
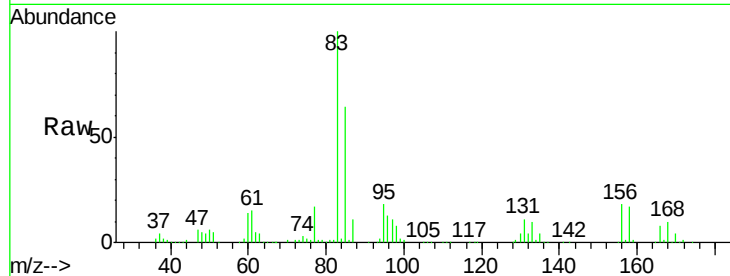
#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.35 ug/l
 RT: 11.27 min Scan# 1753
 Delta R.T. 0.00 min
 Lab File: VX002685.D
 Acq: 18 Jun 2018 17:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0618WBSD01

Tot Ion	83	Resp	75948
Ion Ratio	100	Lower	Upper
83	100		
131	11.5	5.4	16.2
85	64.7	32.4	97.2

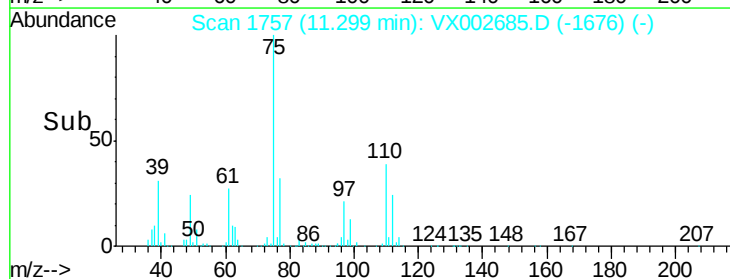
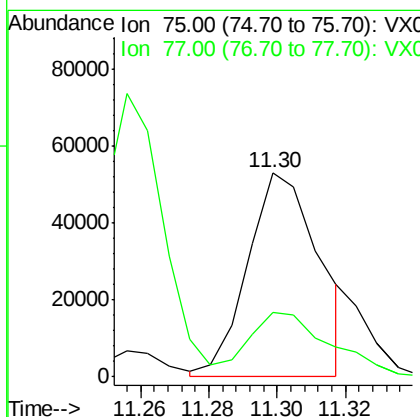
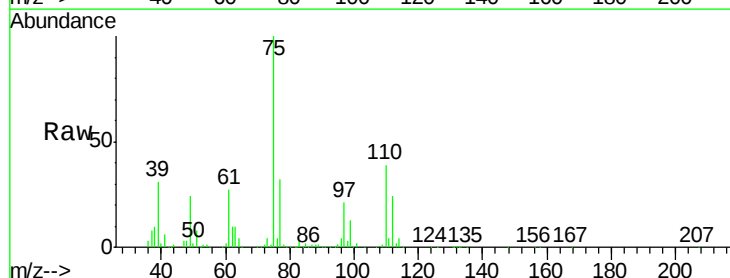
Manual Integrations
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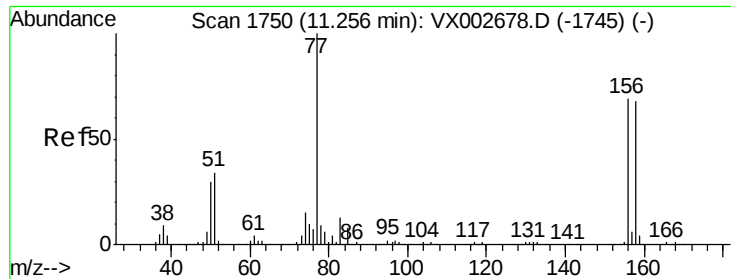
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 6/19/2018 1:05:32 PM



#72
 1,2,3-Trichloropropane
 Concen: 23.82 ug/l m
 RT: 11.30 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: VX002685.D
 Acq: 18 Jun 2018 17:54

Tgt Ion	75	Resp	77079
Ion Ratio	100	Lower	Upper
75	100		
77	36.3	0.0	71.8





#73

Bromobenzene

Concen: 19.38 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX002685.D

Acq: 18 Jun 2018 17:54

Instrument :

MSVOA_X

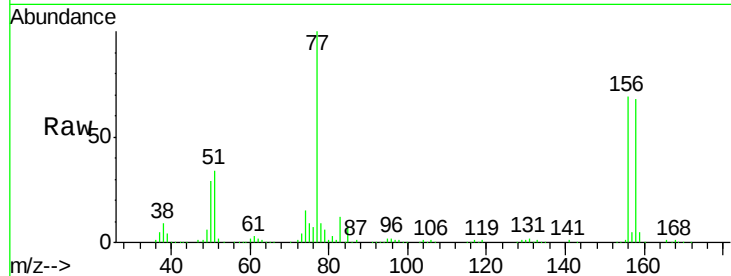
ClientSampleId :

VX0618WBSD01

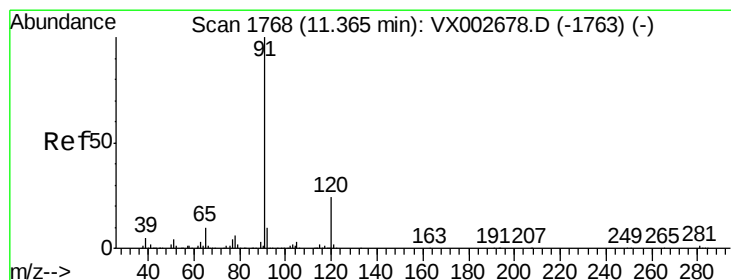
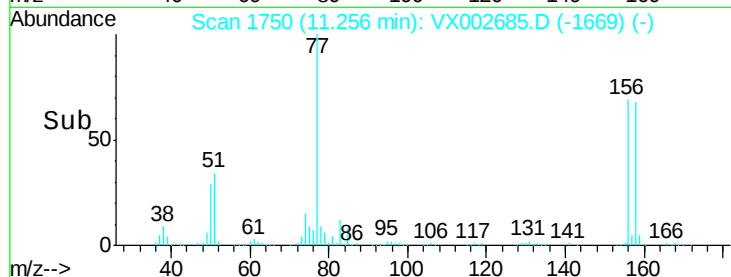
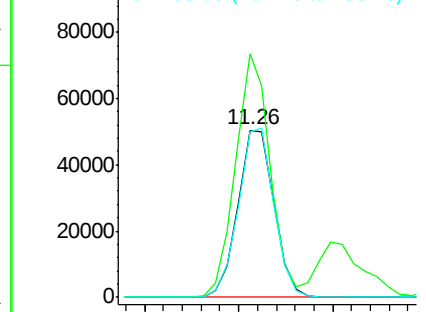
Tot Ion:	156	Resp:	67291
Ion Ratio	Lower	Upper	
156	100		
77	138.4	0.0	301.0
158	99.2	0.0	196.2

Manual Integrations
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Abundance Ion 156.00 (155.70 to 156.70): V
Ion 77.00 (76.70 to 77.70): VX0
Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 19.40 ug/l

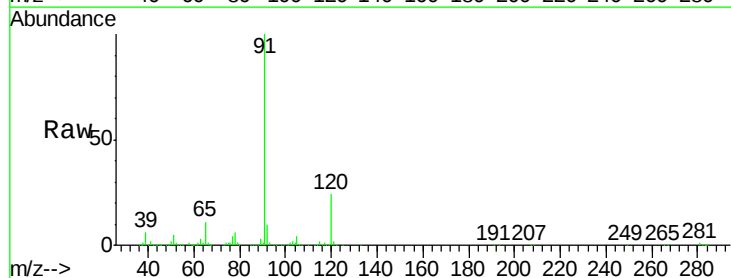
RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

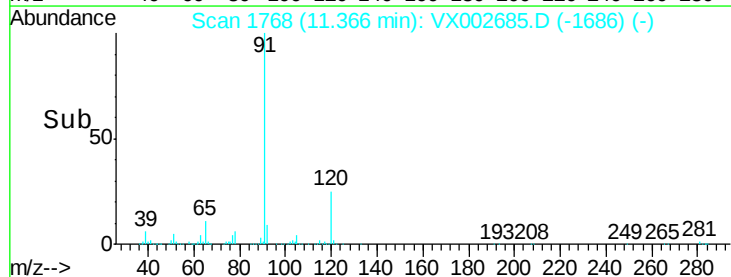
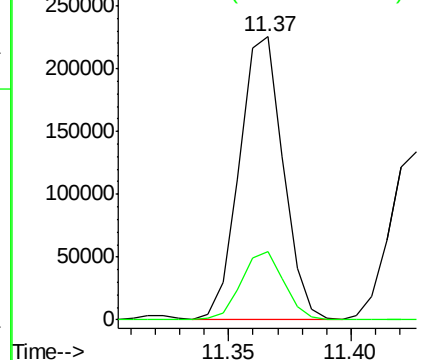
Lab File: VX002685.D

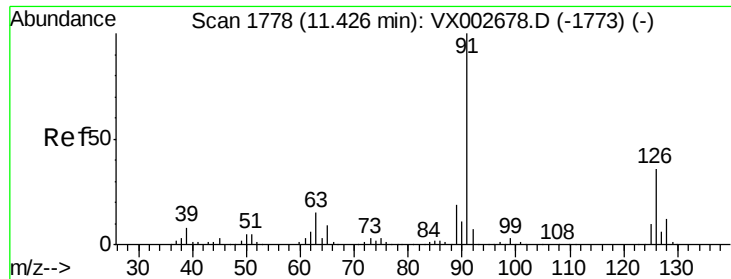
Acq: 18 Jun 2018 17:54

Tgt Ion:	91	Resp:	281258
Ion Ratio	Lower	Upper	
91	100		
120	23.6	0.0	46.2



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.72 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX002685.D

Acq: 18 Jun 2018 17:54

Instrument :

MSVOA_X

ClientSampleId :

VX0618WBSD01

Tot Ion: 91 Resp: 166380

Ion Ratio Lower Upper

91 100

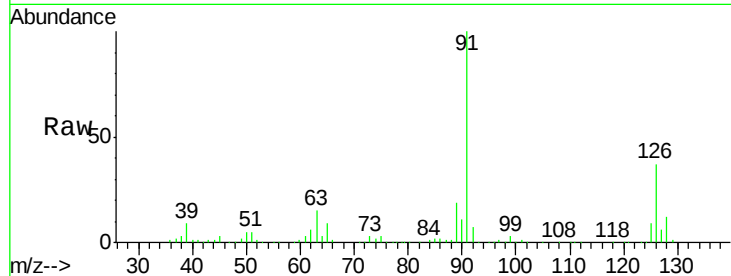
126 36.2 0.0 69.4

Manual Integrations

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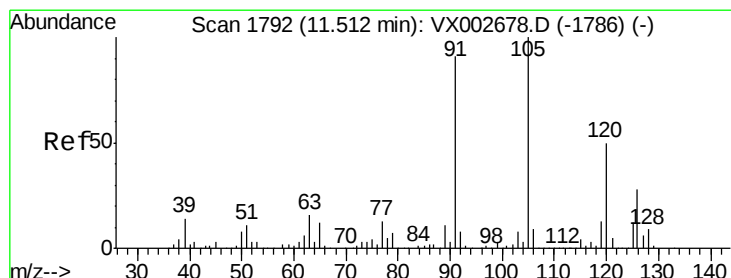
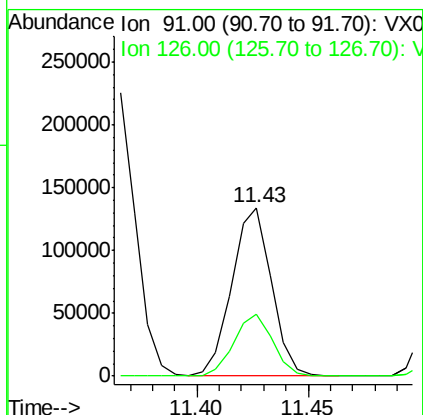
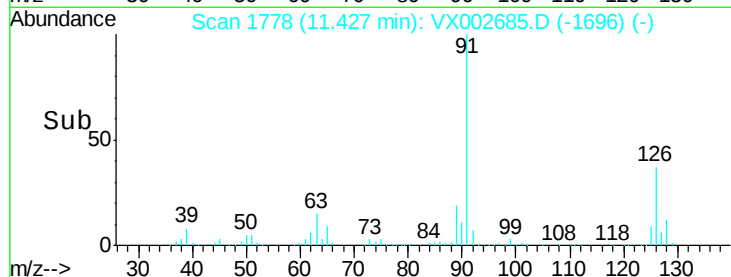
MMDadoda

6/19/2018 1:05:32 PM



Abundance Ion 91.00 (90.70 to 91.70): VX002678.D (-1773) (-)

Ion 126.00 (125.70 to 126.70): VX002678.D (-1773) (-)



#76

1,3,5-Trimethylbenzene

Concen: 19.49 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX002685.D

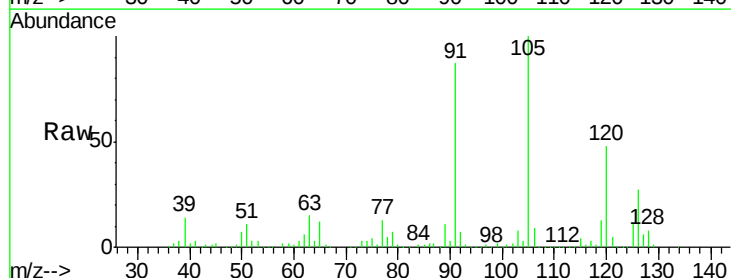
Acq: 18 Jun 2018 17:54

Tgt Ion: 105 Resp: 206671

Ion Ratio Lower Upper

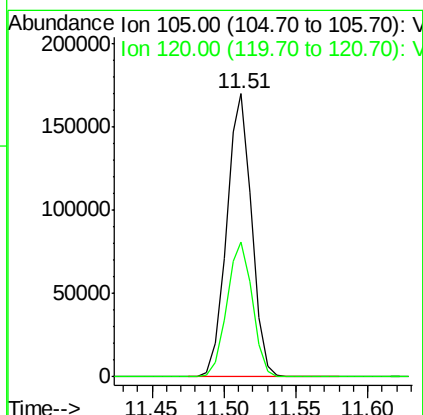
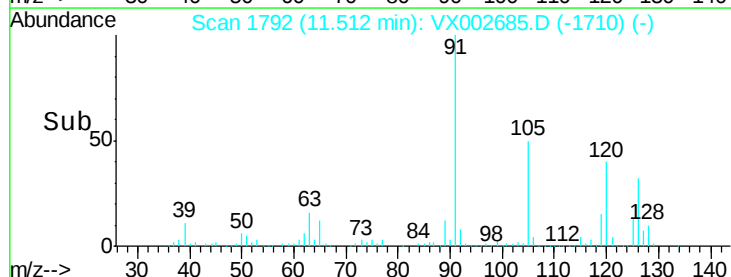
105 100

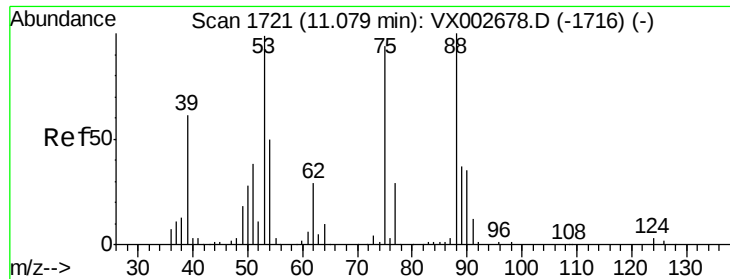
120 48.8 0.0 96.8



Abundance Ion 105.00 (104.70 to 105.70): VX002678.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX002678.D (-1786) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 17.38 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX002685.D

Acq: 18 Jun 2018 17:54

Instrument :

MSVOA_X

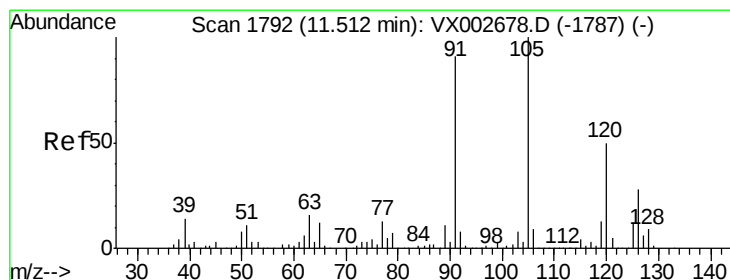
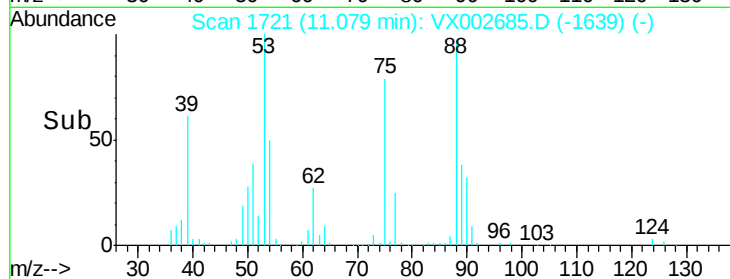
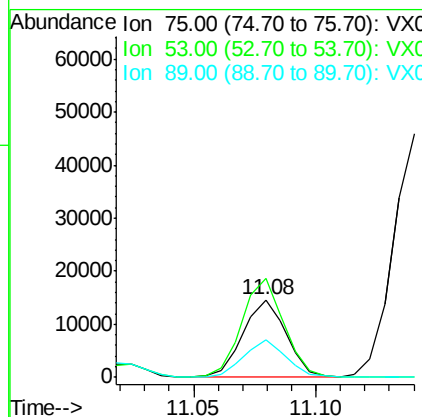
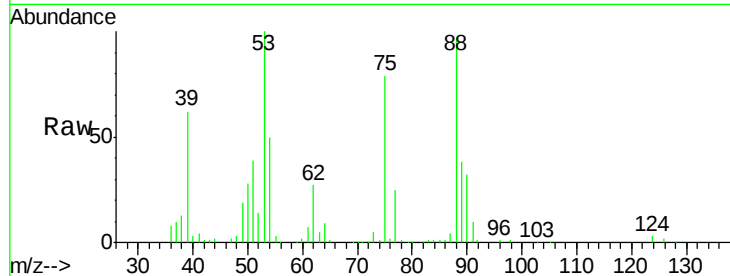
ClientSampleId :

VX0618WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	126.9	48.3	144.9
89	47.9	21.8	65.4

Manual Integrations
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#78

4-Chlorotoluene

Concen: 19.40 ug/l

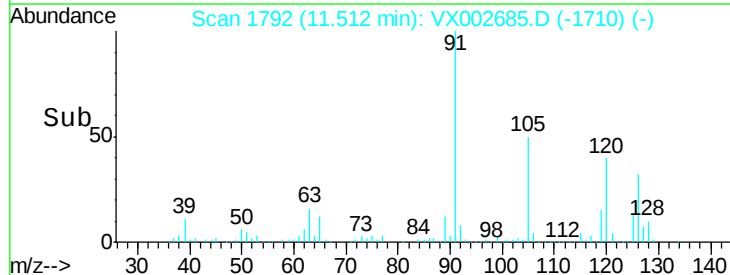
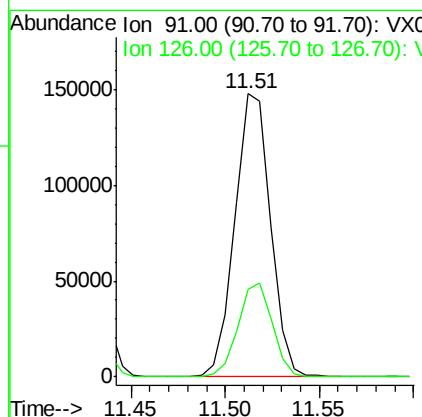
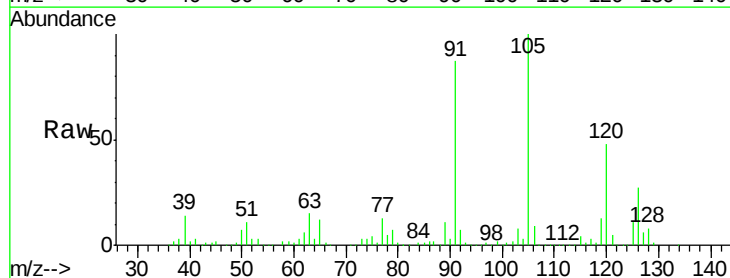
RT: 11.51 min Scan# 1792

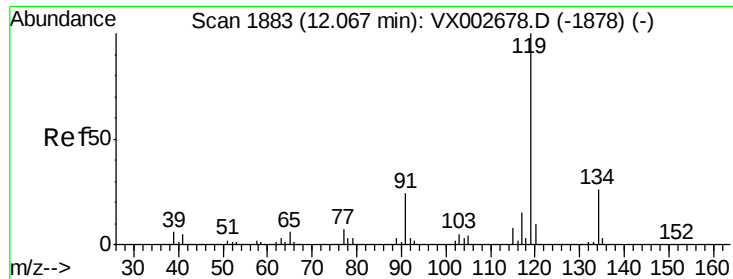
Delta R.T. 0.00 min

Lab File: VX002685.D

Acq: 18 Jun 2018 17:54

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.8	0.0	61.0





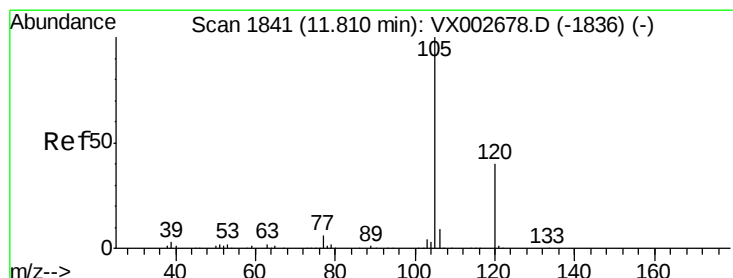
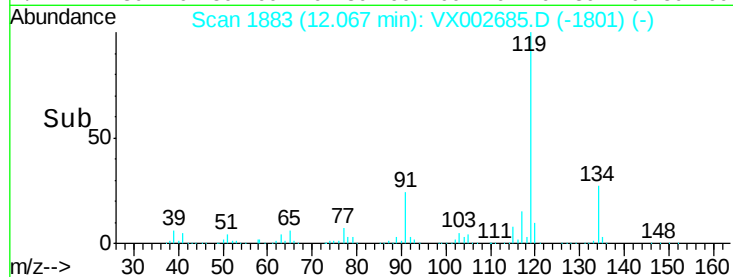
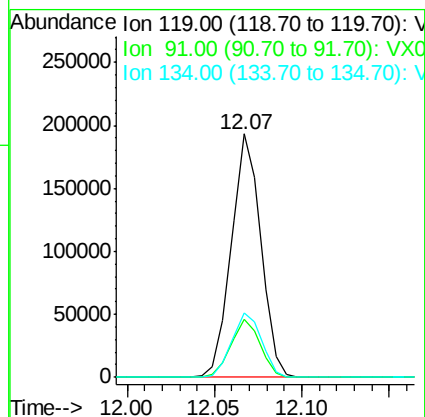
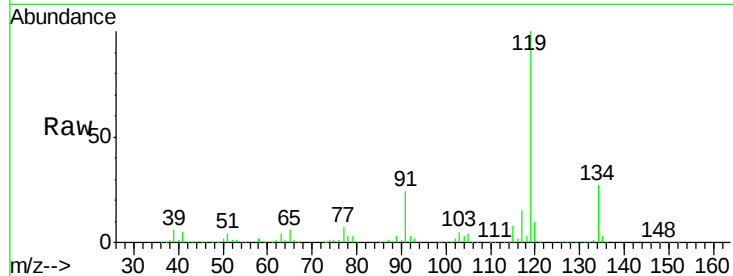
#79
tert-butylbenzene
Concen: 19.38 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. 0.00 min
Lab File: VX002685.D
Acq: 18 Jun 2018 17:54

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	226662		
91	23.6	0.0	48.0	
134	27.1	0.0	52.6	

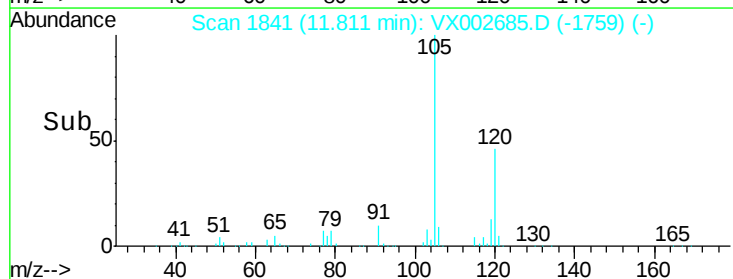
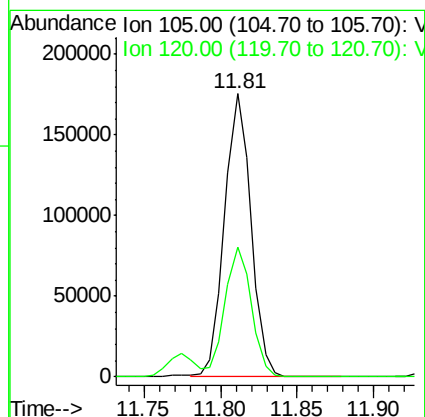
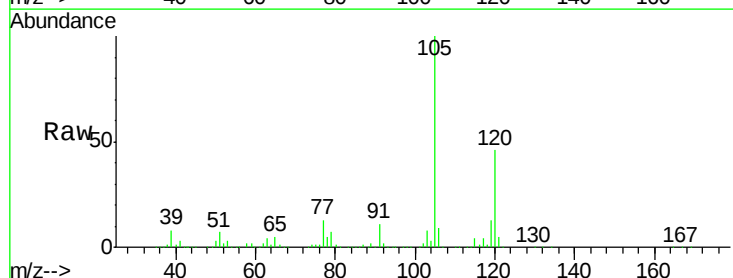
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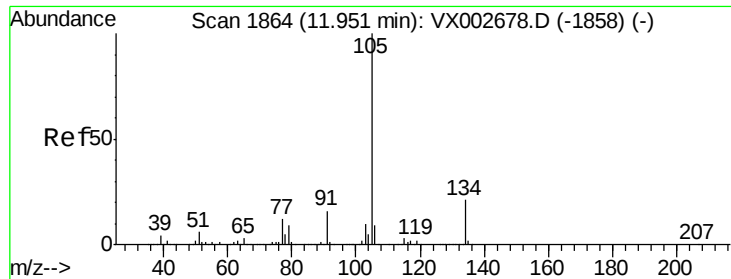
MMDadoda
6/19/2018 1:05:32 PM



#80
1,2,4-Trimethylbenzene
Concen: 19.37 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX002685.D
Acq: 18 Jun 2018 17:54

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	209757		
120	46.1	0.0	89.2	





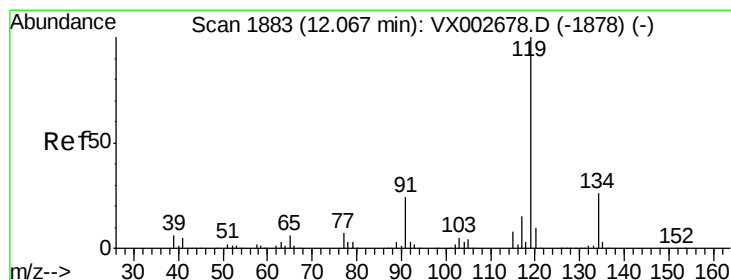
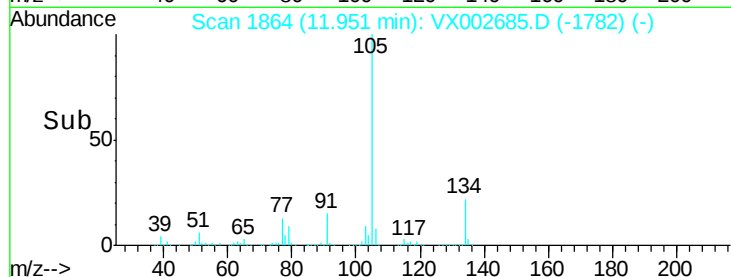
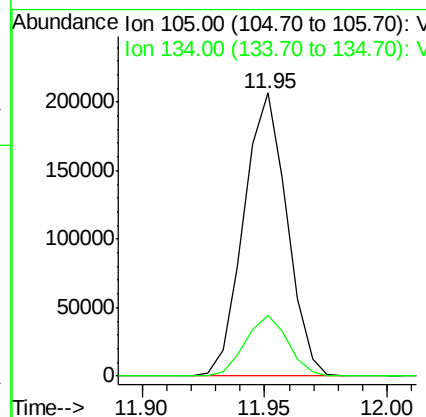
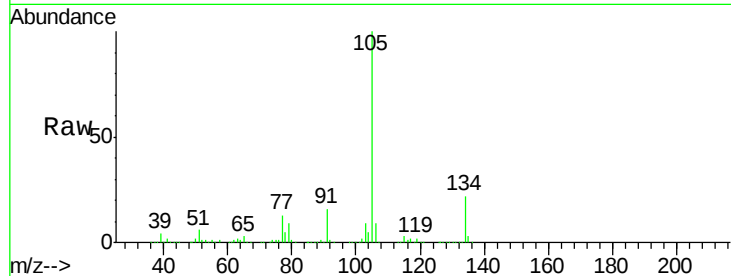
#81
 sec-Butylbenzene
 Concen: 19.49 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX002685.D
 Acq: 18 Jun 2018 17:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0618WBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.3	0.0	41.6

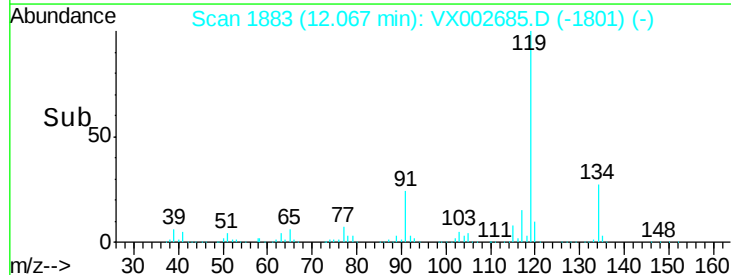
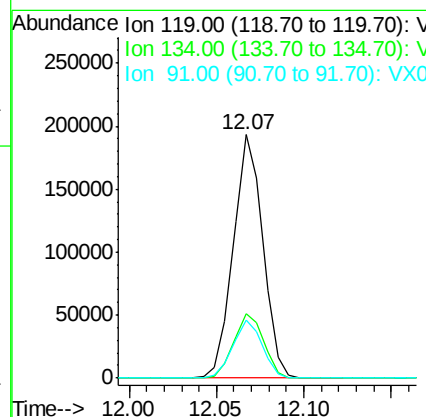
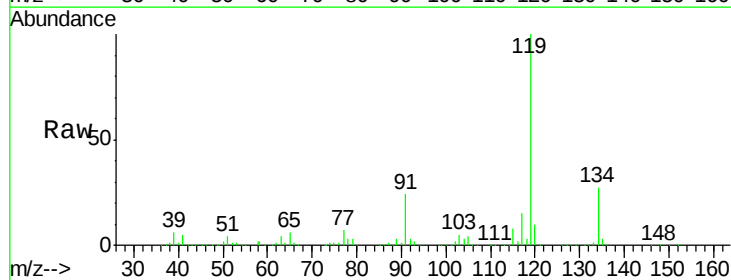
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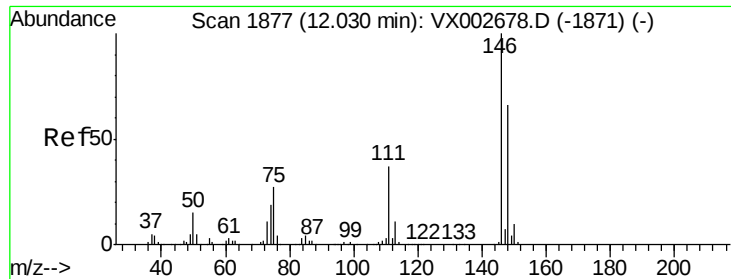
MMDadoda
 6/19/2018 1:05:32 PM



#82
 p-Isopropyltoluene
 Concen: 19.38 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VX002685.D
 Acq: 18 Jun 2018 17:54

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.1	0.0	52.6
91	23.6	0.0	48.0





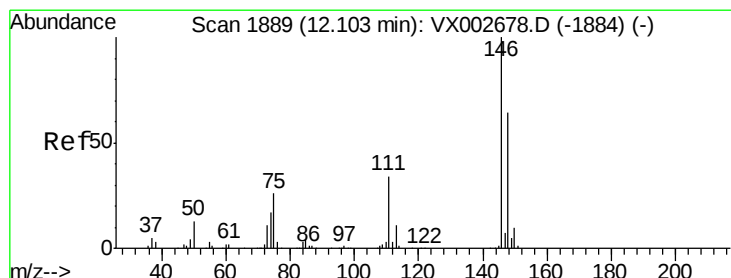
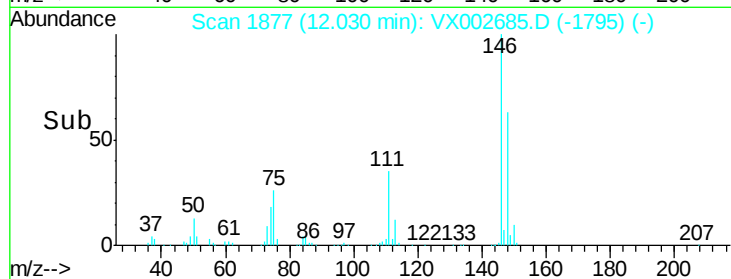
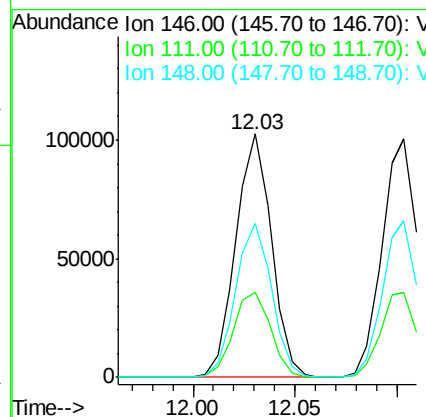
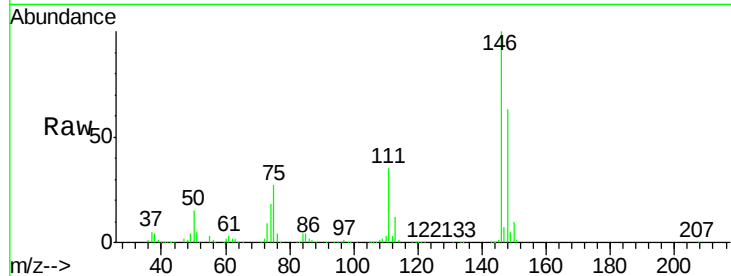
#83
 1,3-Dichlorobenzene
 Concen: 19.46 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX002685.D
 Acq: 18 Jun 2018 17:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0618WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.7	19.1	57.5
148	64.4	31.9	95.7

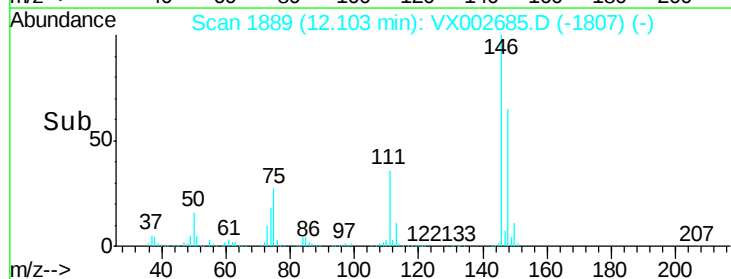
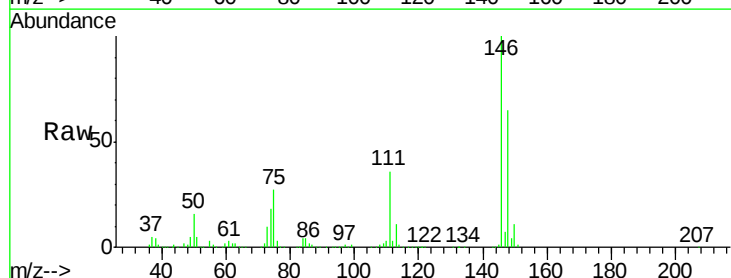
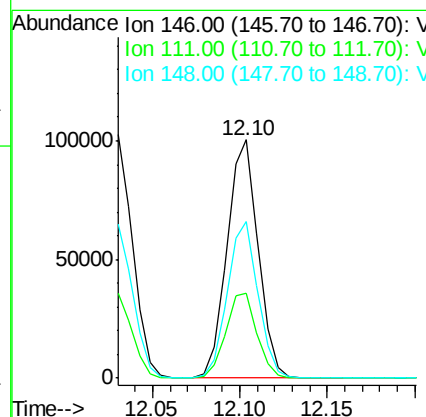
Manual Integrations
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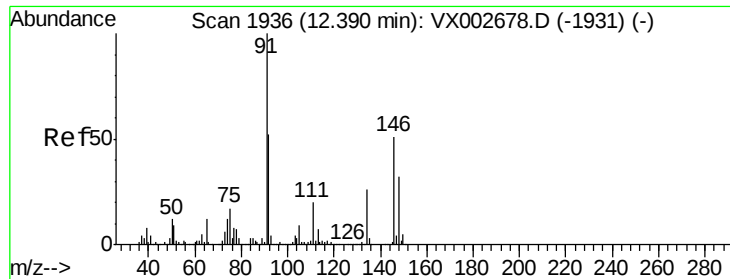
MMDadoda
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#84
 1,4-Dichlorobenzene
 Concen: 19.24 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX002685.D
 Acq: 18 Jun 2018 17:54

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.9	18.5	55.5
148	64.6	32.0	96.0





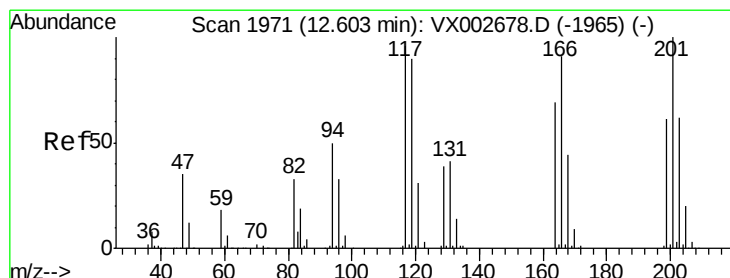
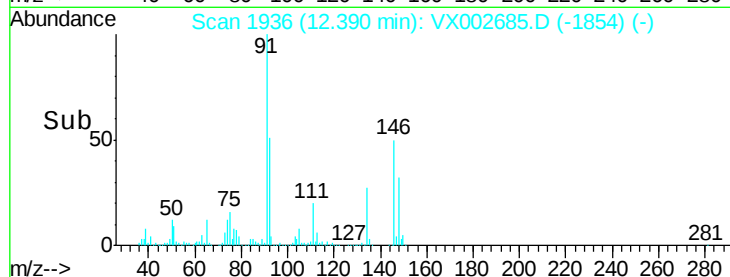
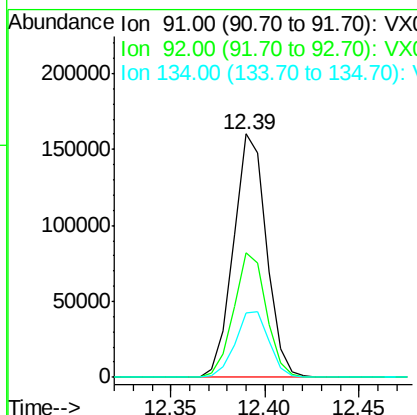
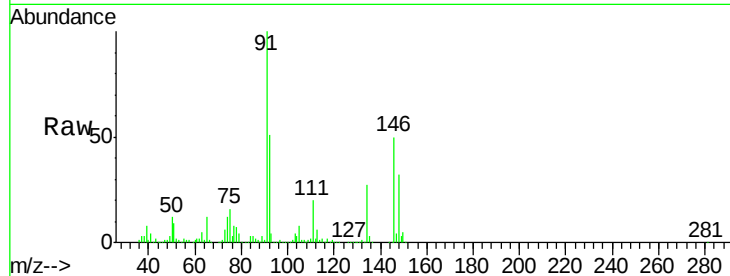
#85
n-Butylbenzene
Concen: 18.69 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX002685.D
Acq: 18 Jun 2018 17:54

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	193723		
92	51.0		0.0	105.2
134	27.8		0.0	53.2

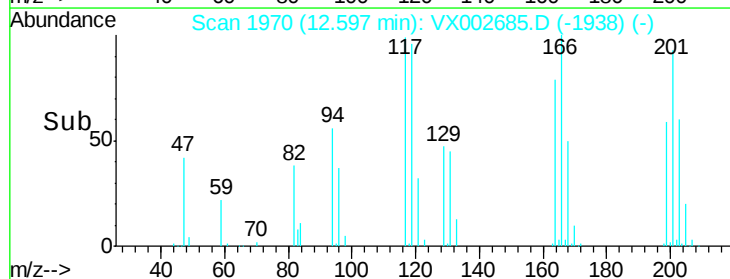
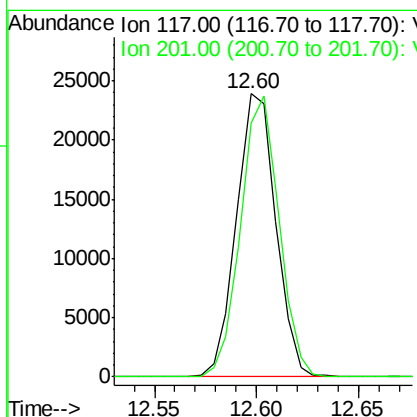
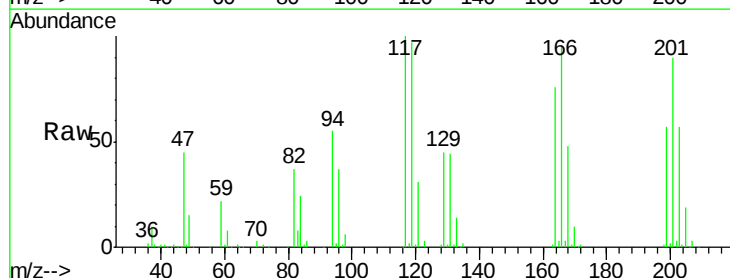
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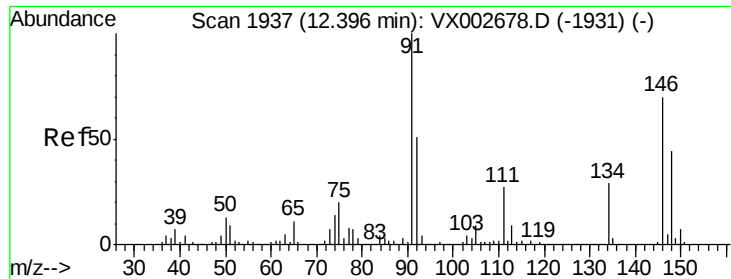
MMDadoda
6/19/2018 1:05:32 PM



#86
Hexachloroethane
Concen: 18.04 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.01 min
Lab File: VX002685.D
Acq: 18 Jun 2018 17:54

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	31982		
201	97.0		47.6	142.8





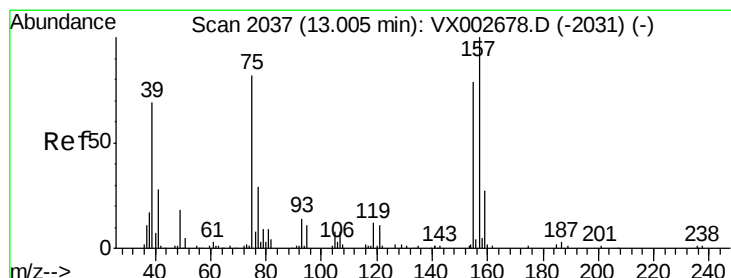
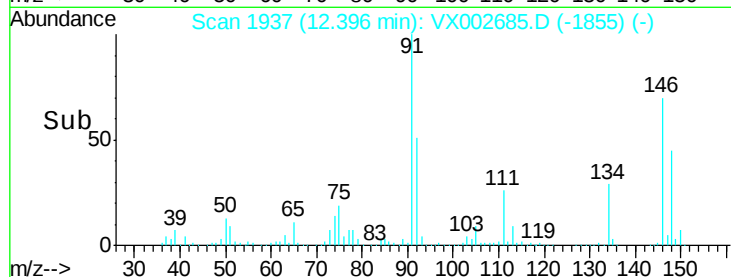
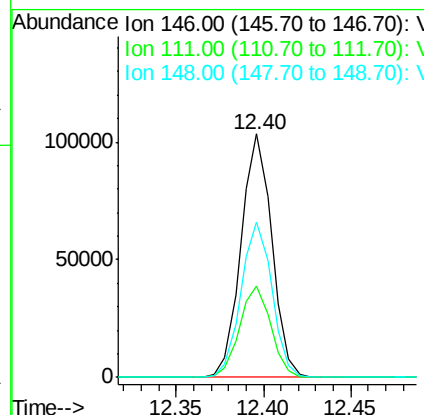
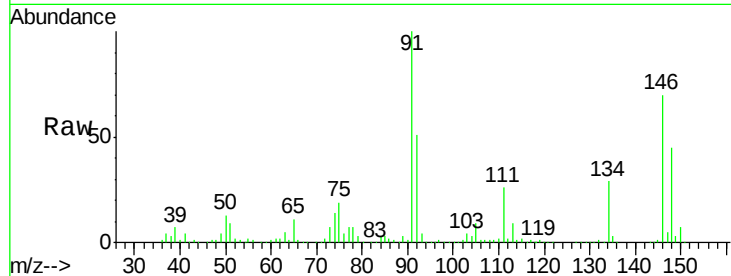
#87
 1,2-Dichlorobenzene
 Concen: 19.62 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX002685.D
 Acq: 18 Jun 2018 17:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0618WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	20.0	59.9
148	63.8	32.8	98.3

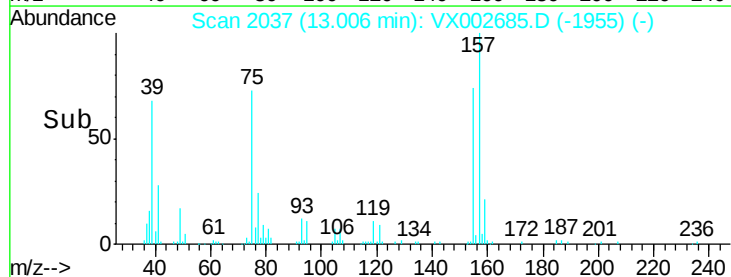
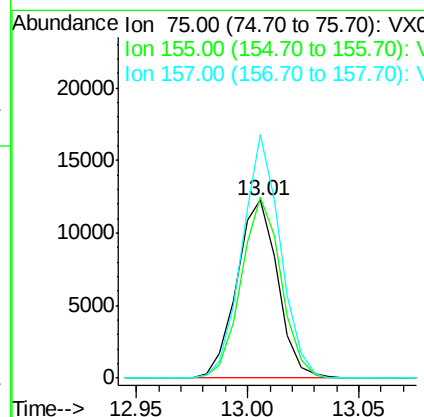
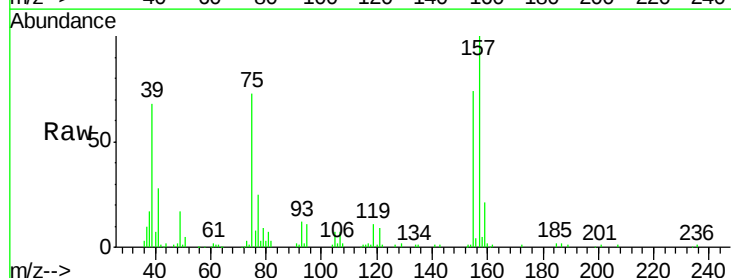
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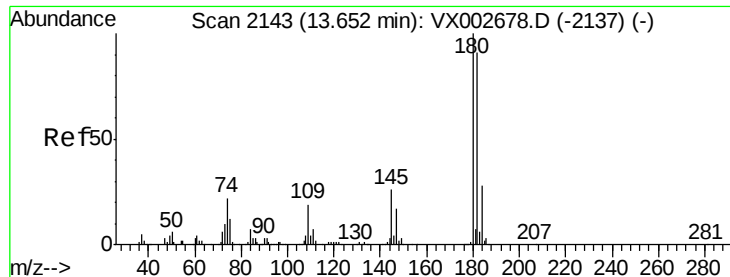
MMDadoda
 6/19/2018 1:05:32 PM



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.84 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX002685.D
 Acq: 18 Jun 2018 17:54

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.7	73.1	109.7
157	127.7	93.1	139.7





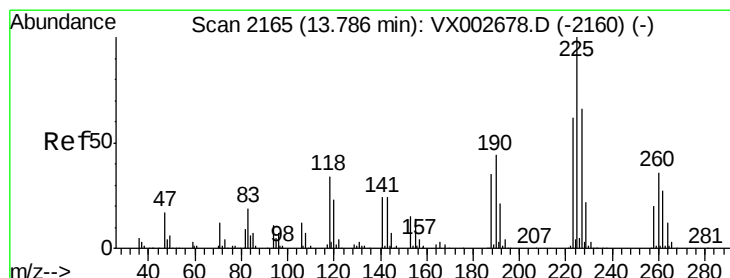
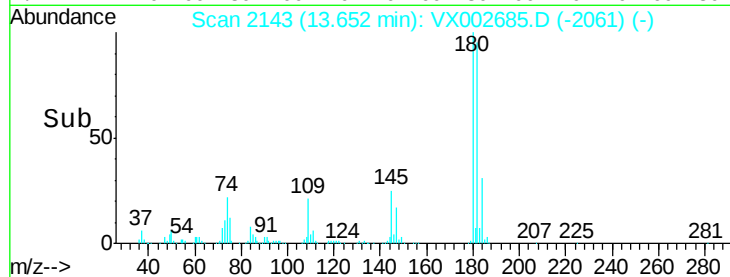
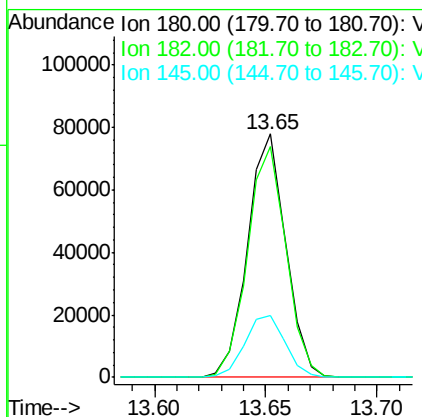
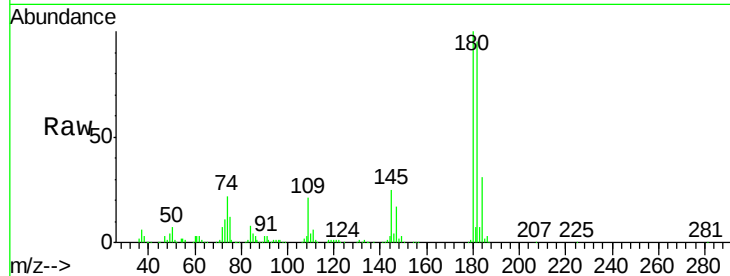
#89
 1,2,4-Trichlorobenzene
 Concen: 19.16 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX002685.D
 Acq: 18 Jun 2018 17:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0618WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	76.4	114.6
145	27.1	22.9	34.3

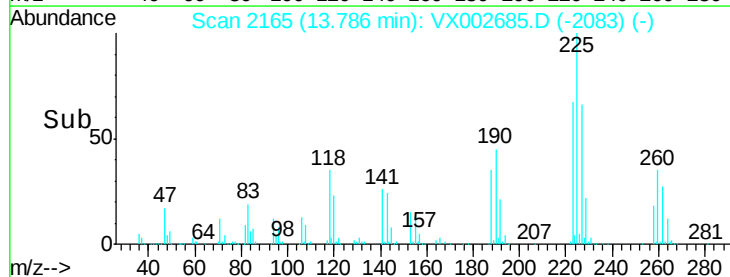
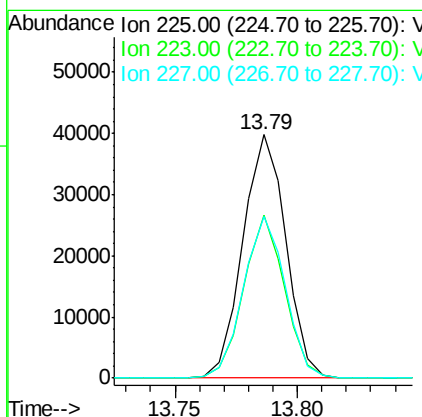
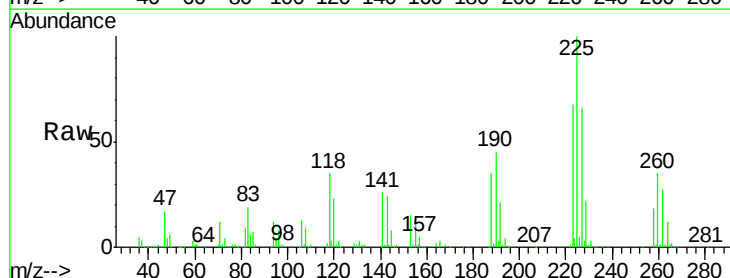
Manual Integrations
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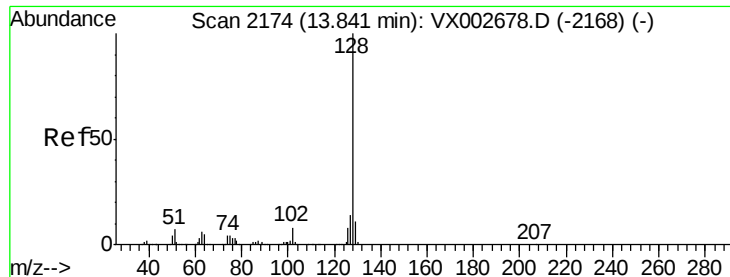
MMDadoda
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#90
 Hexachlorobutadiene
 Concen: 19.22 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX002685.D
 Acq: 18 Jun 2018 17:54

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	0.0	122.4
227	65.0	0.0	128.0





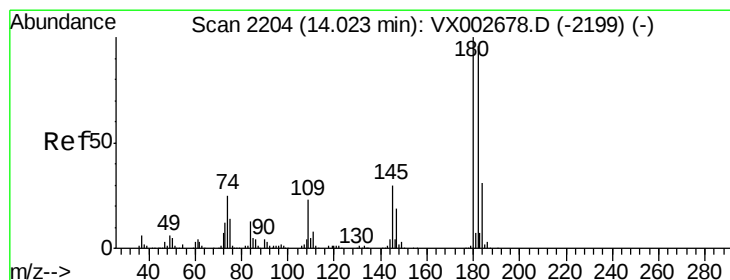
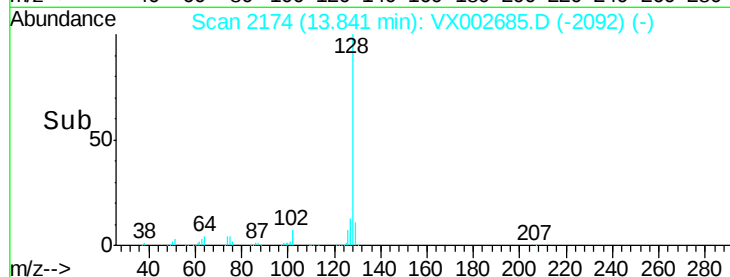
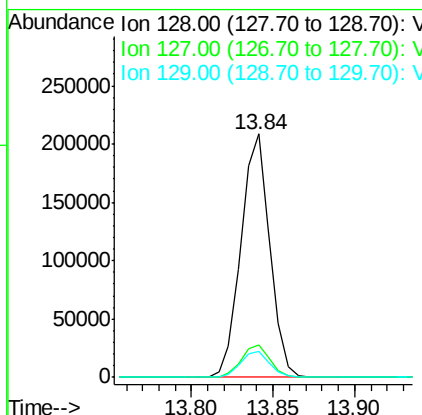
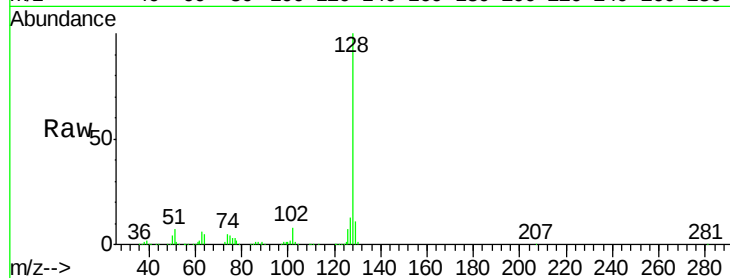
#91
Naphthalene
Concen: 19.92 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX002685.D
Acq: 18 Jun 2018 17:54

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.3	15.5
129	11.0	8.9	13.3

Manual Integrations
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6/19/2018 1:05:32 PM



#92
1,2,3-Trichlorobenzene
Concen: 19.65 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX002685.D
Acq: 18 Jun 2018 17:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	0.0	191.0
145	29.9	0.0	60.6

