

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010319\
 Data File : VX006893.D
 Acq On : 03 Jan 2019 14:32
 Operator : JC/MD
 Sample : VX0103WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0103WBSD01

Manual Integrations
 APPROVED

MMDadoda
 1/4/2019 10:01:25 AM

Quant Time: Jan 04 01:04:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	537341	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	804945	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	723913	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	367368	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	284545	49.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.26%	
35) Dibromofluoromethane	5.51	113	258813	50.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.68%	
50) Toluene-d8	8.71	98	933735	48.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.32%	
62) 4-Bromofluorobenzene	11.13	95	328184	46.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.38%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.20	85	77667	15.800	ug/l	100
3) Chloromethane	1.33	50	86793	16.389	ug/l	100
4) Vinyl Chloride	1.41	62	99334	17.959	ug/l	100
5) Bromomethane	1.64	94	100884	18.331	ug/l	99
6) Chloroethane	1.72	64	65818	17.186	ug/l	99
7) Trichlorofluoromethane	1.93	101	166589	19.318	ug/l	96
8) Diethyl Ether	2.19	74	66283	19.352	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	97695	19.295	ug/l	99
10) Methyl Iodide	2.51	142	137318	18.946	ug/l	99
11) Tert butyl alcohol	3.07	59	143286	110.864	ug/l	100
12) 1,1-Dichloroethene	2.37	96	90069	18.761	ug/l	98
13) Acrolein	2.29	56	77904	89.351	ug/l	97
14) Allyl chloride	2.73	41	157458	19.484	ug/l	98
15) Acrylonitrile	3.15	53	311586	108.581	ug/l	99
16) Acetone	2.45	43	261948	98.452	ug/l	98
17) Carbon Disulfide	2.57	76	181330	14.272	ug/l	98
18) Methyl Acetate	2.78	43	187813	24.006	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	343504	21.557	ug/l	99
20) Methylene Chloride	2.86	84	110734	20.127	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	99755	18.753	ug/l	98
22) Diisopropyl ether	3.87	45	321637	21.756	ug/l	93
23) Vinyl Acetate	3.82	43	1259305	104.136	ug/l	99
24) 1,1-Dichloroethane	3.70	63	175287	19.862	ug/l	99
25) 2-Butanone	4.70	43	391494	104.606	ug/l	98
26) 2,2-Dichloropropane	4.59	77	121340	17.799	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	117036	19.941	ug/l	99
28) Bromochloromethane	5.01	49	74989	19.008	ug/l	96
29) Tetrahydrofuran	5.15	42	262620	106.541	ug/l	98
30) Chloroform	5.21	83	184452	20.183	ug/l	96
31) Cyclohexane	5.58	56	142016	17.713	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	152382	19.746	ug/l	98
36) 1,1-Dichloropropene	5.80	75	126693	19.004	ug/l	100
37) Ethyl Acetate	4.85	43	150332	21.665	ug/l	98
38) Carbon Tetrachloride	5.79	117	127551	19.687	ug/l	94

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Manual Integrations
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 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	151681	17.282	ug/l	98
40) Benzene	6.14	78	404799	19.975	ug/l	99
41) Methacrylonitrile	5.06	41	82023	22.265	ug/l	97
42) 1,2-Dichloroethane	6.20	62	142837	20.685	ug/l	100
43) Isopropyl Acetate	6.46	43	232297	22.002	ug/l	99
44) Trichloroethene	7.21	130	120690	19.677	ug/l	98
45) 1,2-Dichloropropane	7.51	63	104021	21.093	ug/l	98
46) Dibromomethane	7.66	93	72686	20.038	ug/l	97
47) Bromodichloromethane	7.90	83	124095	20.606	ug/l	96
48) Methyl methacrylate	7.77	41	117928	21.965	ug/l	97
49) 1,4-Dioxane	7.75	88	58893	407.457	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	752589	112.031	ug/l	100
52) Toluene	8.78	92	260945	19.932	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	128647	19.918	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	146615	20.688	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	115278	21.512	ug/l	98
56) Ethyl methacrylate	9.18	69	161835	21.367	ug/l	97
57) 1,3-Dichloropropane	9.37	76	180557	20.942	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	417985	103.820	ug/l	99
59) 2-Hexanone	9.49	43	569432	110.789	ug/l	98
60) Dibromochloromethane	9.59	129	105208	20.223	ug/l	98
61) 1,2-Dibromoethane	9.67	107	117343	20.599	ug/l	97
64) Tetrachloroethene	9.34	164	119435	20.835	ug/l	99
65) Chlorobenzene	10.14	112	304403	19.876	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	106415	22.271	ug/l	99
67) Ethyl Benzene	10.25	91	493315	19.712	ug/l	99
68) m/p-Xylenes	10.36	106	386789	39.168	ug/l	100
69) o-Xylene	10.70	106	192055	19.695	ug/l	98
70) Styrene	10.71	104	312126	20.232	ug/l	100
71) Bromoform	10.86	173	74251	20.151	ug/l	98
73) Isopropylbenzene	11.02	105	504311	20.066	ug/l	100
74) N-amyl acetate	10.90	43	202428	22.502	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	163417	21.864	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	155502m	22.777	ug/l	
77) Bromobenzene	11.26	156	138011	20.312	ug/l	99
78) n-propylbenzene	11.36	91	557837	20.156	ug/l	99
79) 2-Chlorotoluene	11.42	91	332223	19.808	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	410886	19.849	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	37160	19.394	ug/l	92
82) 4-Chlorotoluene	11.51	91	383259	19.922	ug/l	99
83) tert-Butylbenzene	11.77	119	408973	19.740	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	426801	19.602	ug/l	100
85) sec-Butylbenzene	11.94	105	496354	19.540	ug/l	99
86) p-Isopropyltoluene	12.06	119	445517	19.952	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	239251	19.538	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	243404	19.389	ug/l	100
89) n-Butylbenzene	12.39	91	363622	19.135	ug/l	99
90) Hexachloroethane	12.60	117	60425	19.445	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	246777	20.145	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	31817	20.573	ug/l	98

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ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0103WBSD01

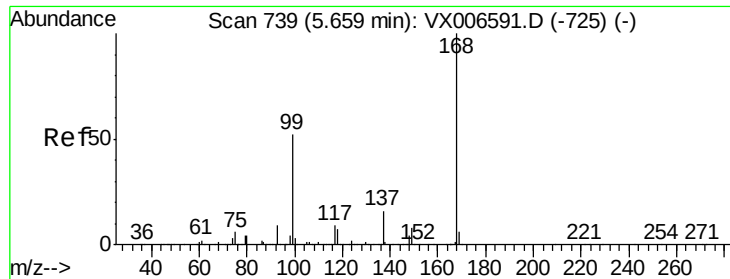
Manual Integrations
APPROVED

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1/4/2019 10:01:25 AM

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Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	160094	18.946	ug/l	99
94) Hexachlorobutadiene	13.78	225	70804	17.777	ug/l	98
95) Naphthalene	13.83	128	510255	18.920	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	164979	18.910	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006893.D

Acq: 03 Jan 2019 14:32

Instrument :

MSVOA_X

ClientSampled :

VX0103WBSD01

Tot Ion:168 Resp: 537341

Ion Ratio Lower Upper

168 100

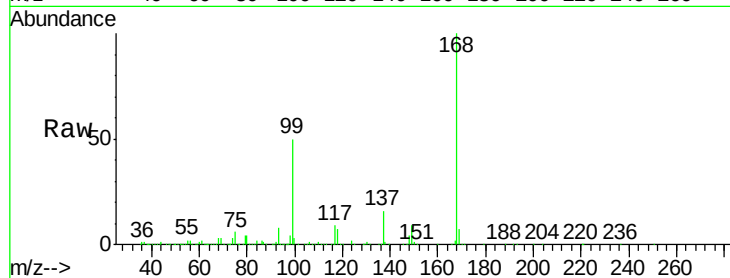
99 49.5 41.8 62.8

Manual Integrations

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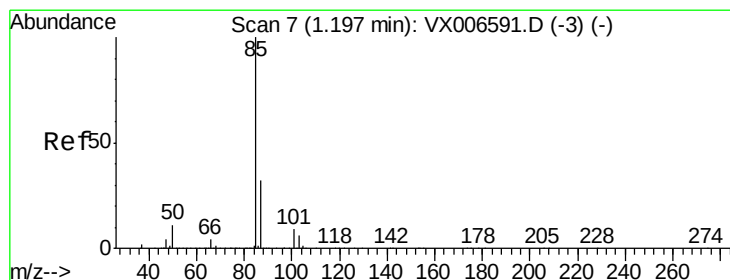
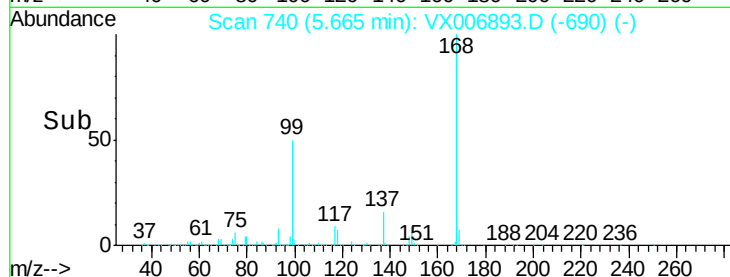
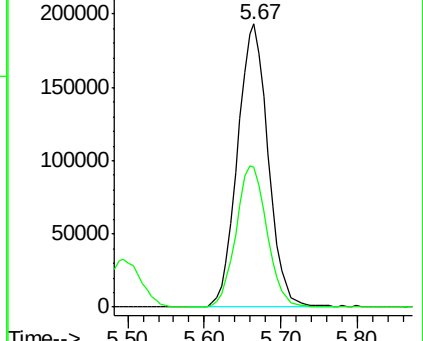
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 15.800 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX006893.D

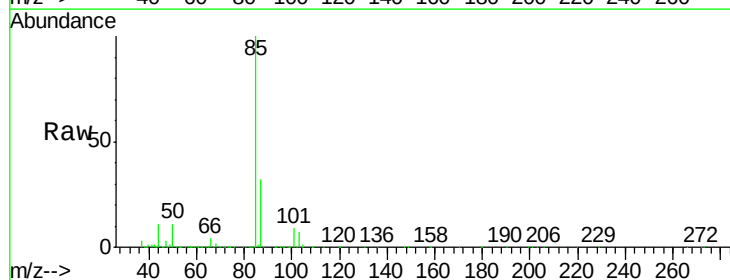
Acq: 03 Jan 2019 14:32

Tgt Ion: 85 Resp: 77667

Ion Ratio Lower Upper

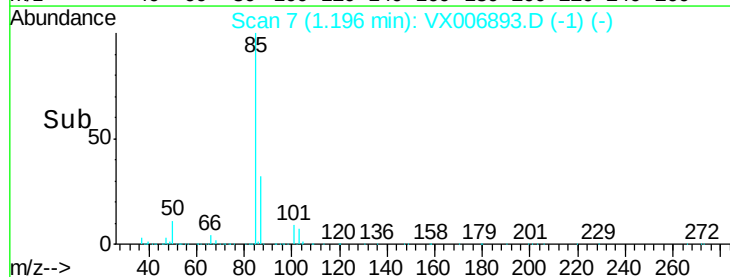
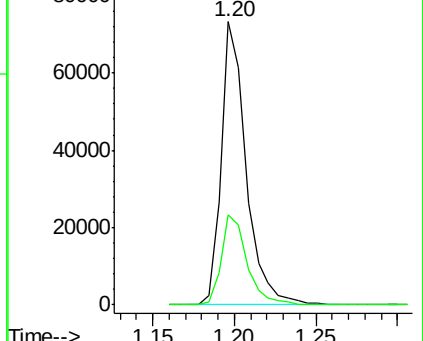
85 100

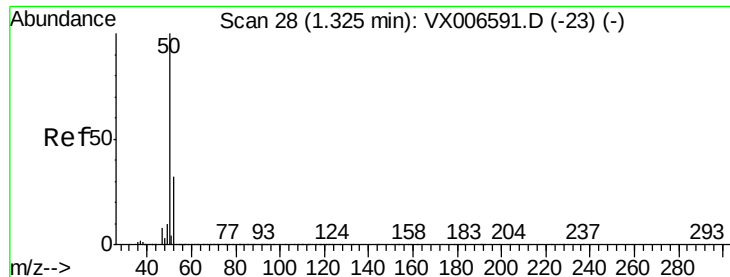
87 31.8 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 16.389 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX006893.D

Acq: 03 Jan 2019 14:32

Instrument :

MSVOA_X

ClientSampleId :

VX0103WBSD01

Tot Ion: 50 Resp: 86793

Ion Ratio Lower Upper

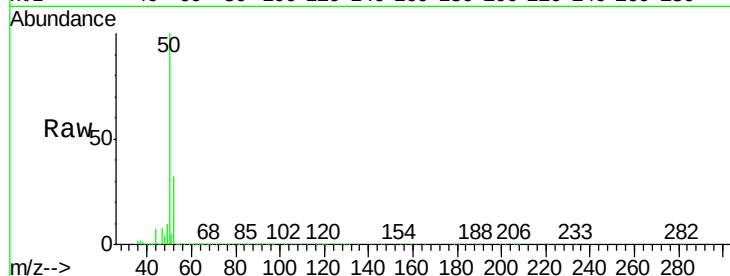
50 100

52 32.1 25.4 38.2

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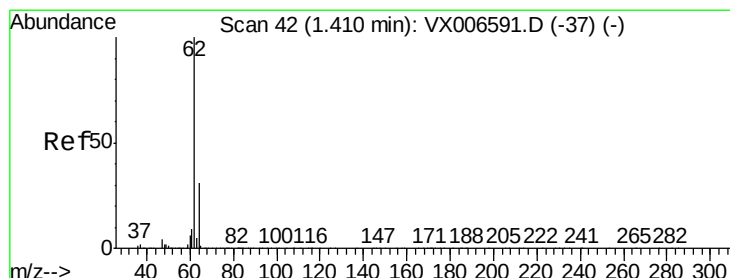
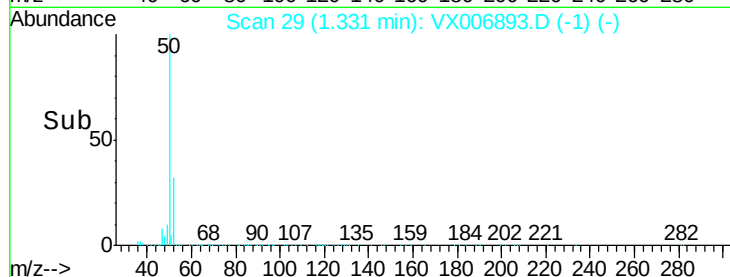
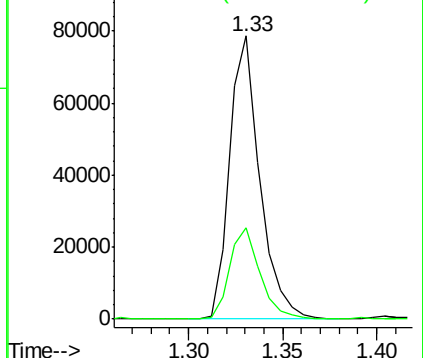
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 17.959 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX006893.D

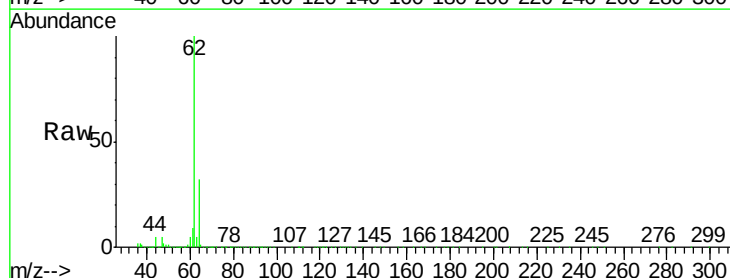
Acq: 03 Jan 2019 14:32

Tgt Ion: 62 Resp: 99334

Ion Ratio Lower Upper

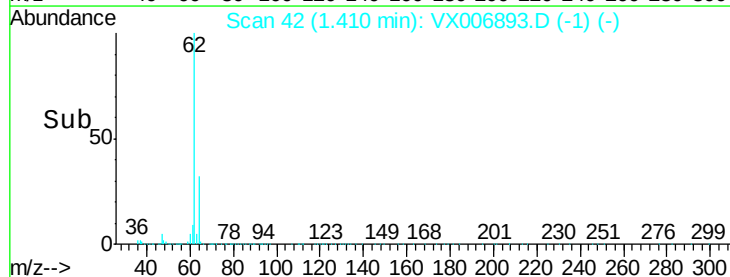
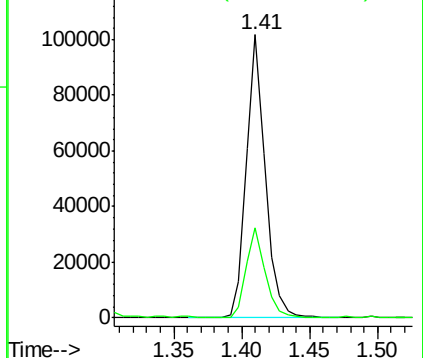
62 100

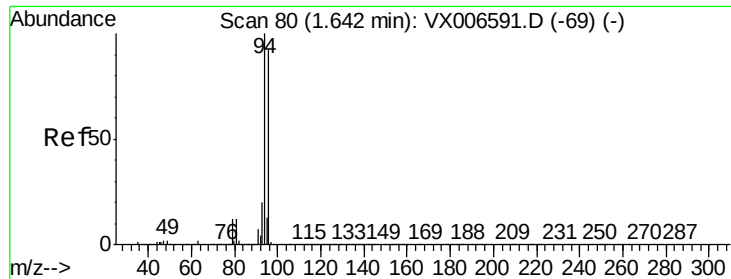
64 31.2 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 18.331 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006893.D

Acq: 03 Jan 2019 14:32

Instrument :

MSVOA_X

ClientSampleId :

VX0103WBSD01

Tot Ion: 94 Resp: 100884

Ion Ratio Lower Upper

94 100

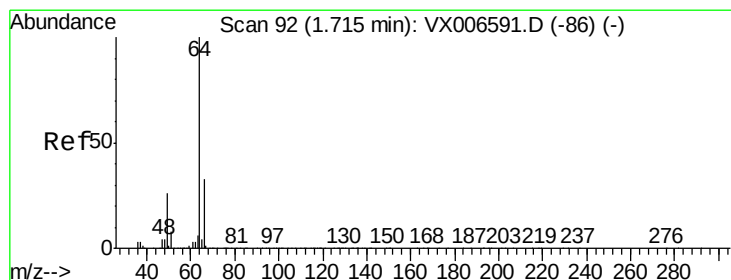
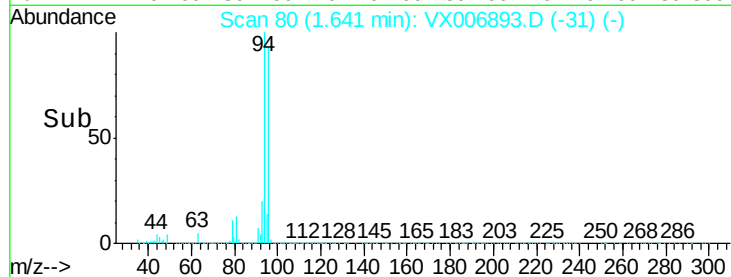
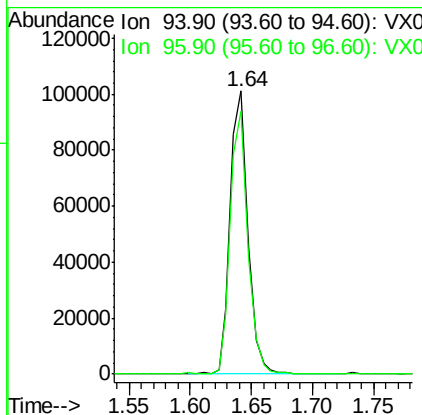
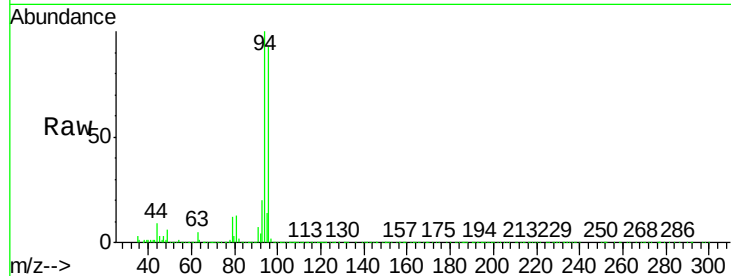
96 92.9 73.4 110.2

Manual Integrations

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#6

Chloroethane

Concen: 17.186 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX006893.D

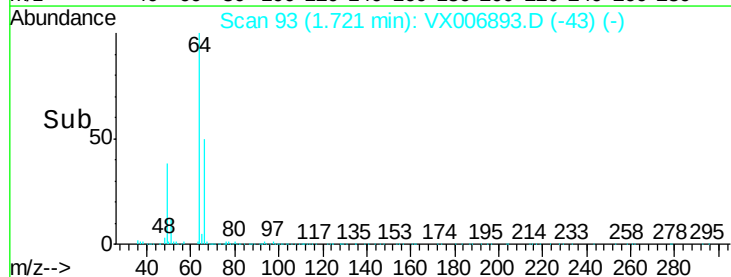
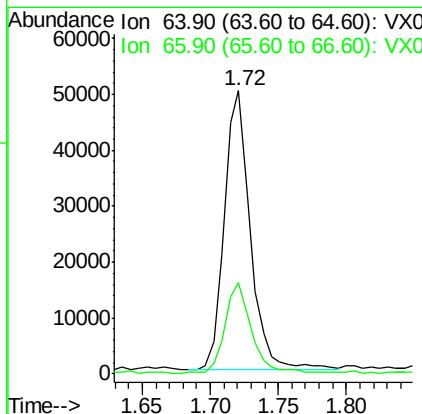
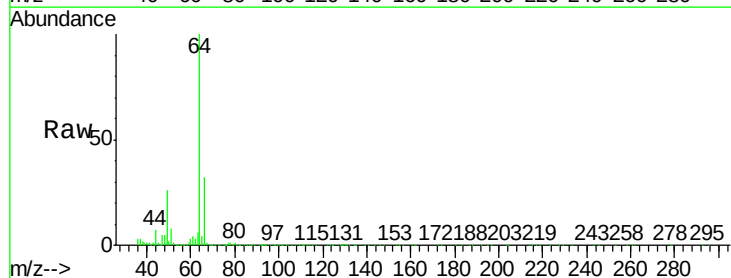
Acq: 03 Jan 2019 14:32

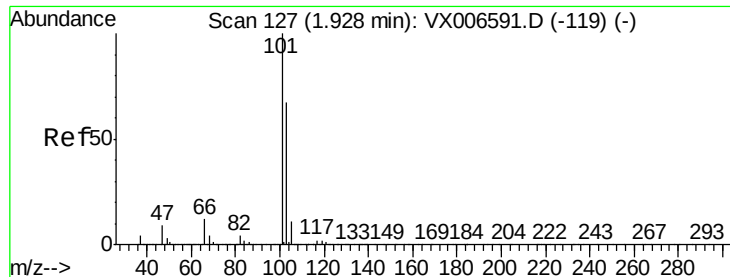
Tgt Ion: 64 Resp: 65818

Ion Ratio Lower Upper

64 100

66 32.4 26.4 39.6





#7

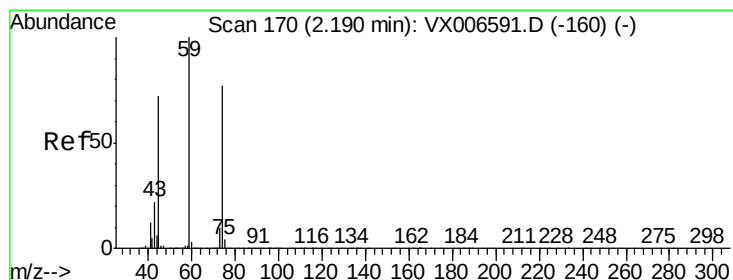
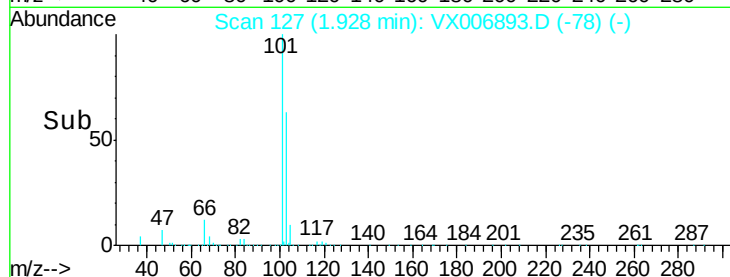
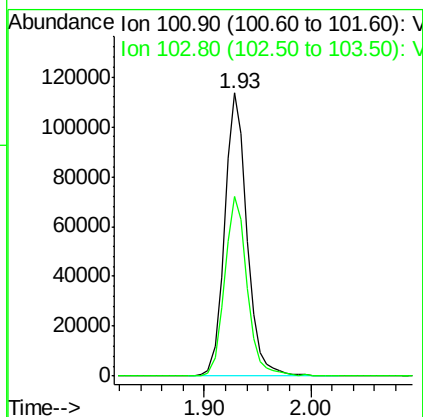
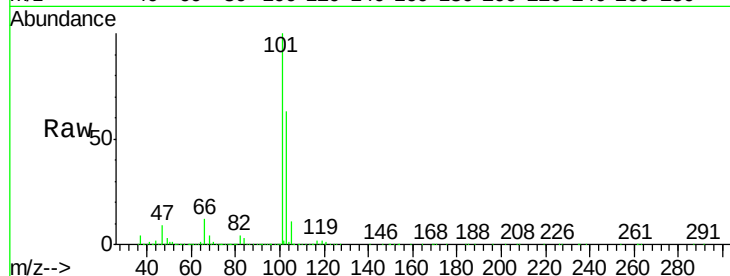
Trichlorofluoromethane
Concen: 19.318 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX006893.D
Acq: 03 Jan 2019 14:32

Instrument :
MSVOA_X
ClientSampleId :
VX0103WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.3	53.2	79.8

Manual Integrations
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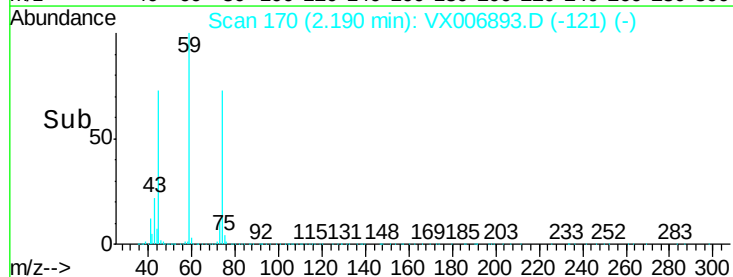
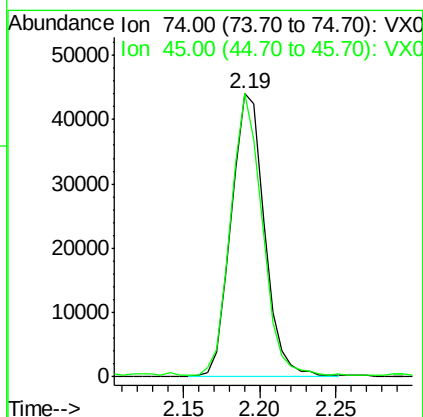
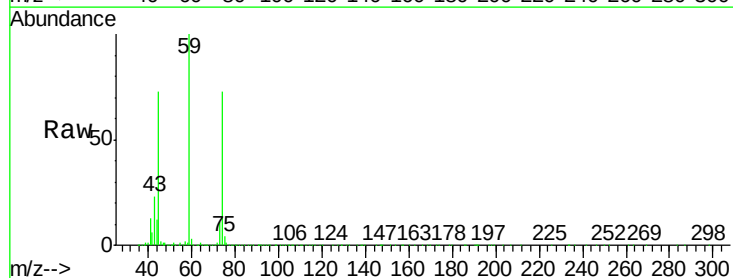
MMDadoda
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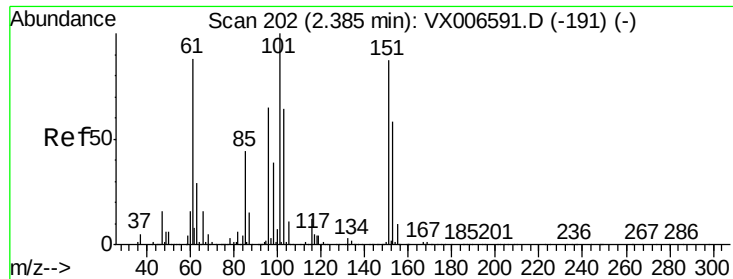


#8

Diethyl Ether
Concen: 19.352 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX006893.D
Acq: 03 Jan 2019 14:32

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.9	46.3	138.9





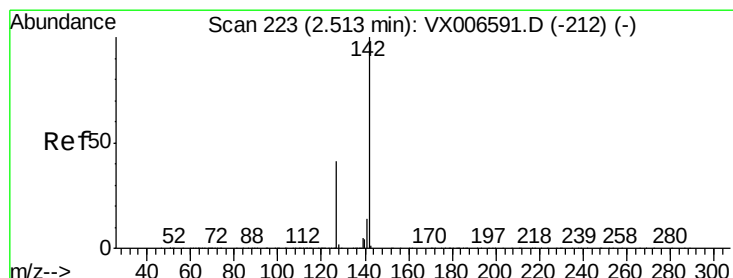
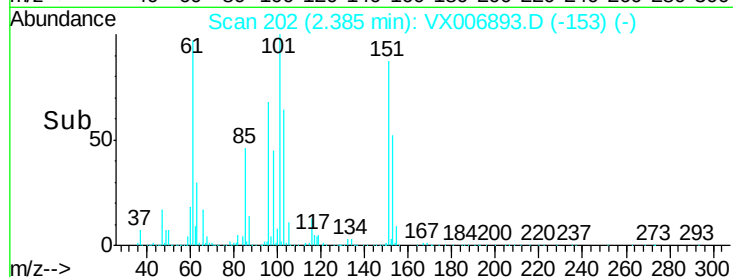
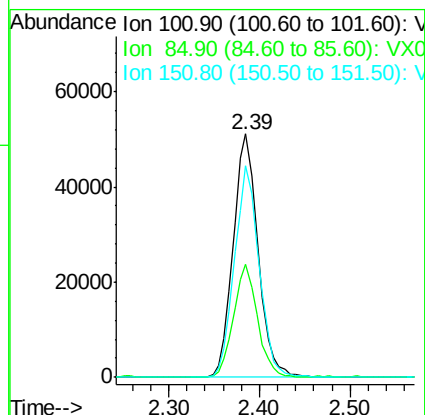
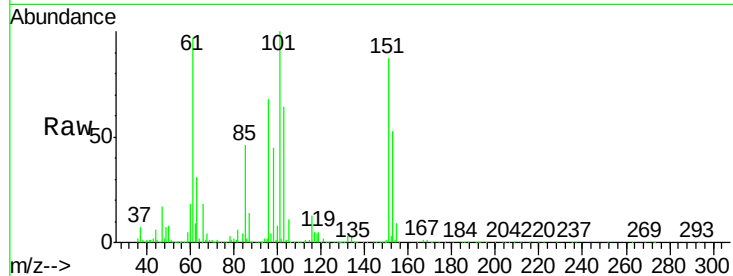
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.295 ug/l
RT: 2.39 min Scan# 202
Delta R.T. -0.00 min
Lab File: VX006893.D
Acq: 03 Jan 2019 14:32

Instrument :
MSVOA_X
ClientSampleId :
VX0103WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	97695		
85	44.7	35.1	52.7	
151	85.7	68.9	103.3	

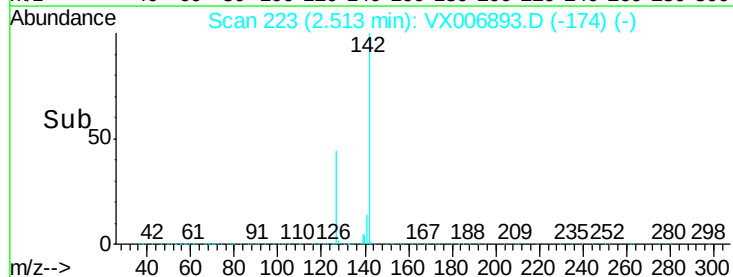
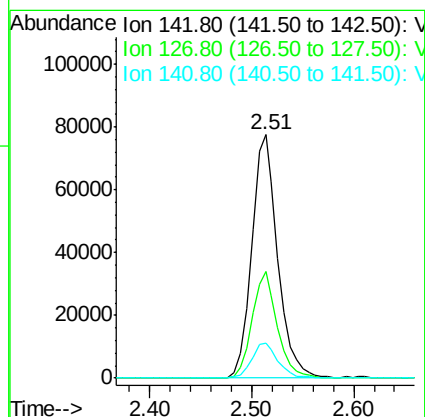
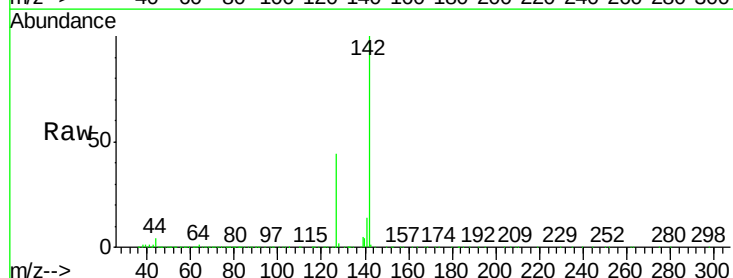
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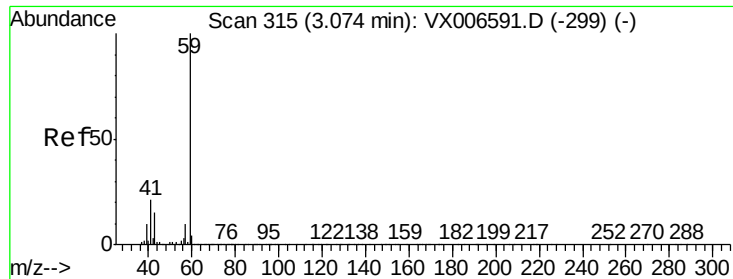
MMDadoda
1/4/2019 10:01:25 AM



#10
Methyl Iodide
Concen: 18.946 ug/l
RT: 2.51 min Scan# 223
Delta R.T. -0.00 min
Lab File: VX006893.D
Acq: 03 Jan 2019 14:32

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	137318		
127	42.5	33.9	50.9	
141	14.9	11.4	17.0	





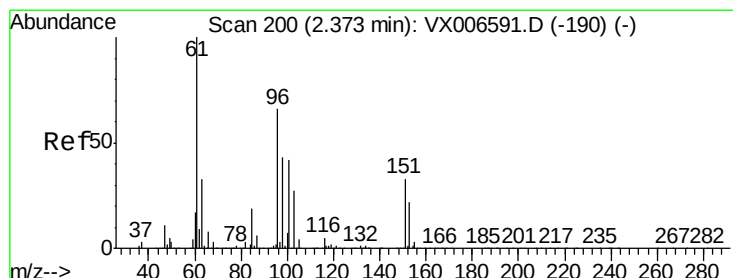
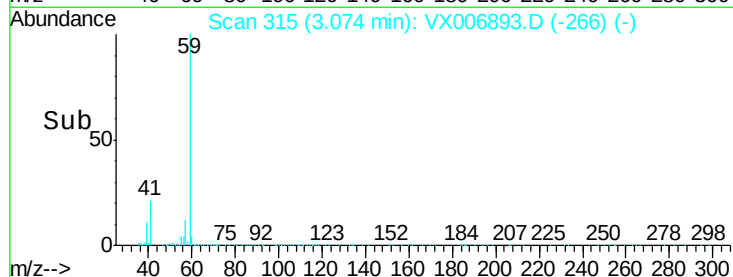
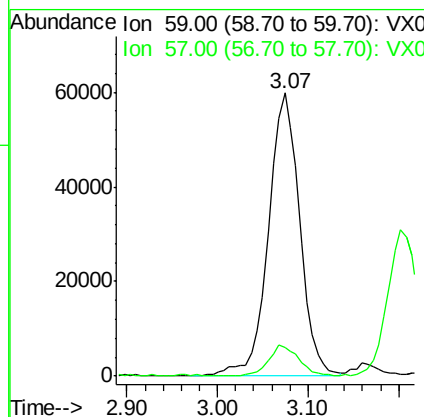
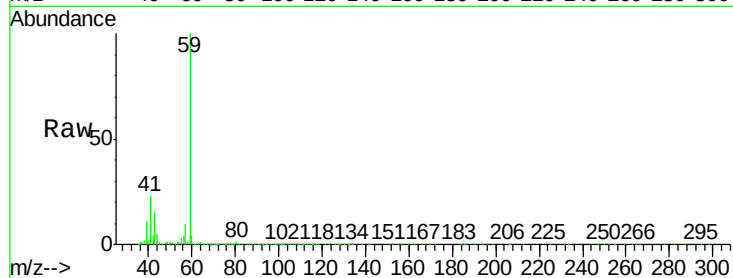
#11
Tert butyl alcohol
Concen: 110.864 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.00 min
Lab File: VX006893.D
Acq: 03 Jan 2019 14:32

Instrument :
MSVOA_X
ClientSampleId :
VX0103WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.5	12.7

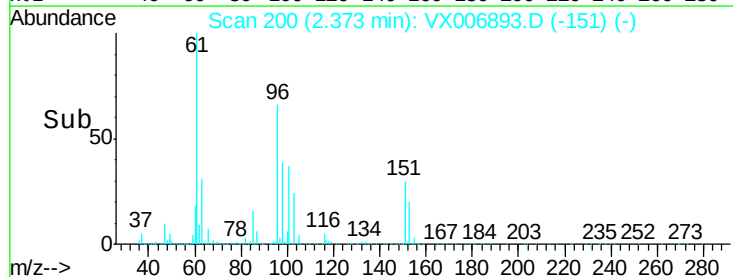
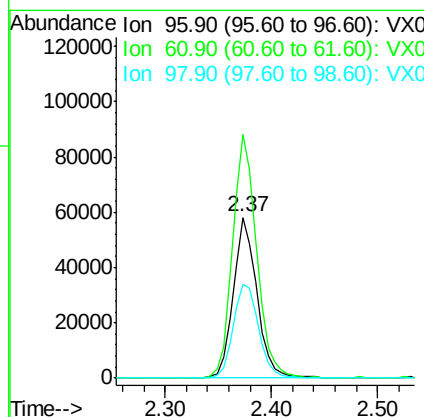
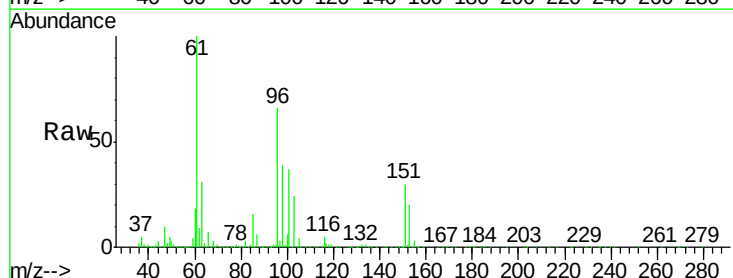
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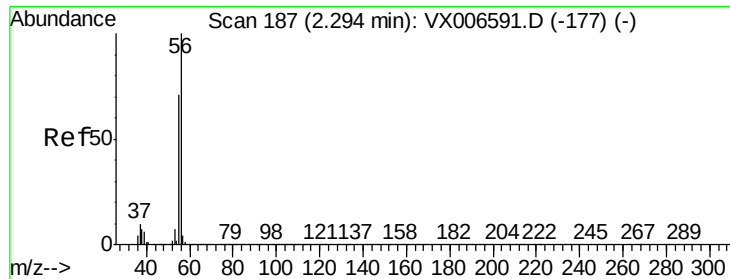
MMDadoda
1/4/2019 10:01:25 AM



#12
1,1-Dichloroethene
Concen: 18.761 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX006893.D
Acq: 03 Jan 2019 14:32

Tgt Ion	Ratio	Lower	Upper
96	100		
61	151.7	121.4	182.2
98	58.9	51.9	77.9





#13

Acrolein

Concen: 89.351 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX006893.D

Acq: 03 Jan 2019 14:32

Instrument :

MSVOA_X

ClientSampleId :

VX0103WBSD01

Tot Ion: 56 Resp: 77904

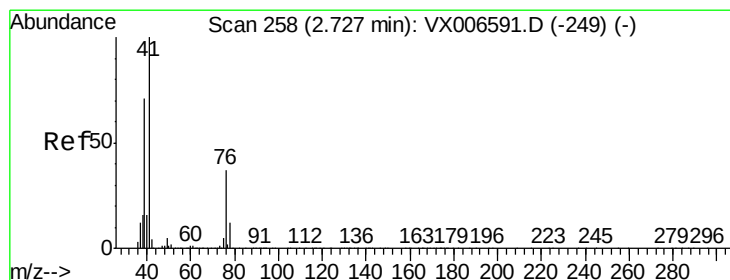
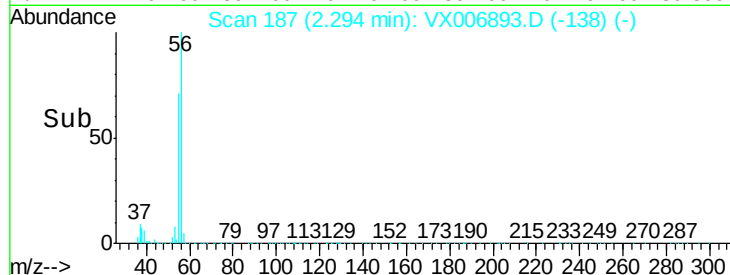
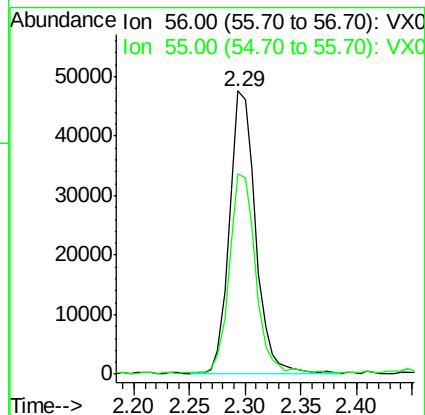
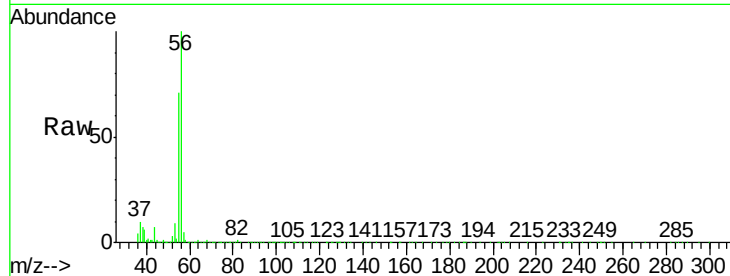
Ion Ratio Lower Upper

56 100

55 70.2 58.2 87.4

Manual Integrations
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#14

Allyl chloride

Concen: 19.484 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX006893.D

Acq: 03 Jan 2019 14:32

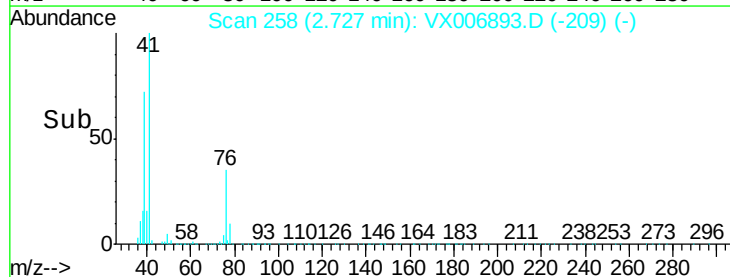
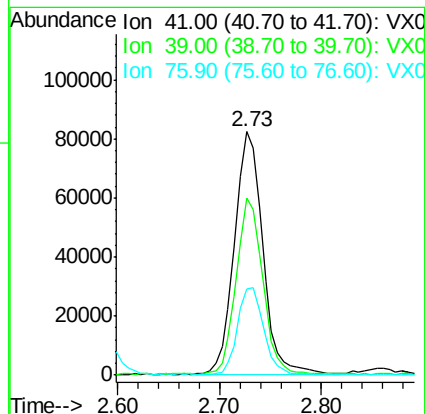
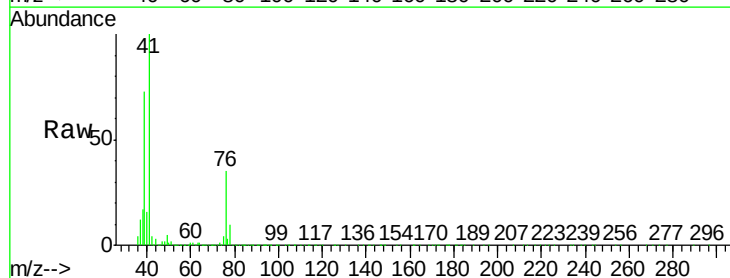
Tgt Ion: 41 Resp: 157458

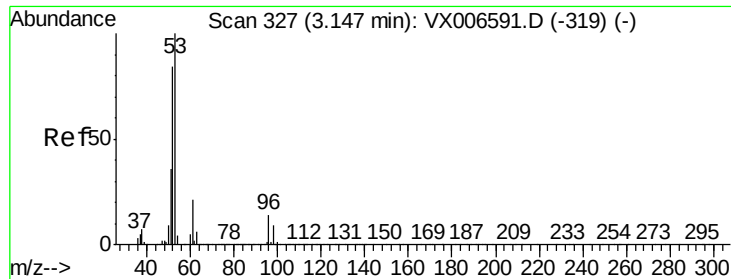
Ion Ratio Lower Upper

41 100

39 68.3 53.6 80.4

76 33.1 27.4 41.2





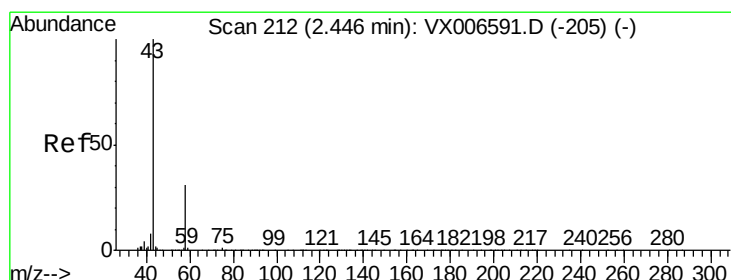
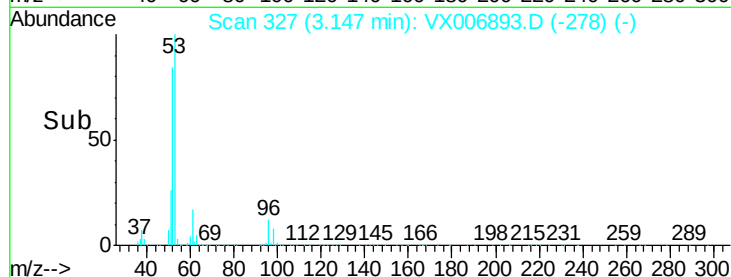
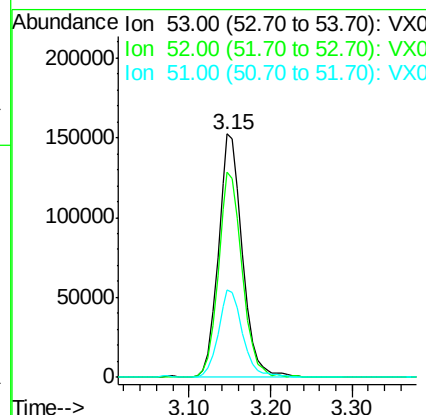
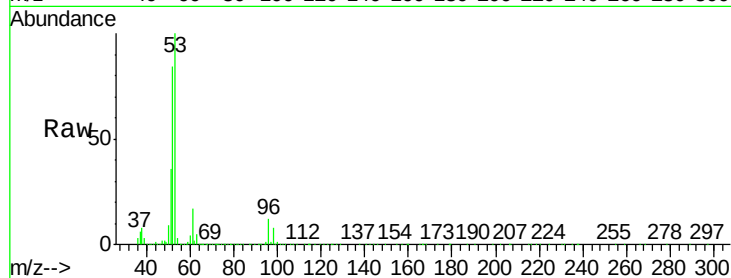
#15
 Acrylonitrile
 Concen: 108.581 ug/l
 RT: 3.15 min Scan# 327
 Delta R.T. -0.00 min
 Lab File: VX006893.D
 Acq: 03 Jan 2019 14:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0103WBSD01

Tot Ion:	53	Resp:	311586
Ion Ratio		Lower	Upper
53	100		
52	83.8	66.0	99.0
51	36.1	28.6	42.8

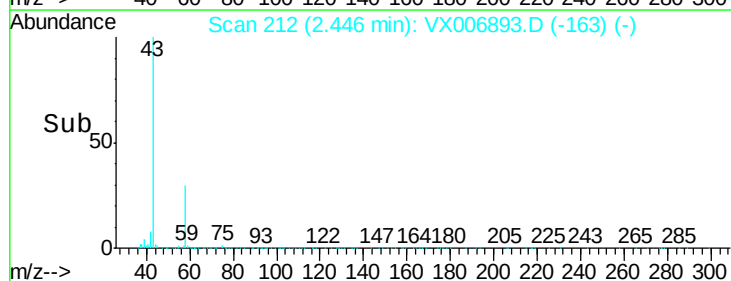
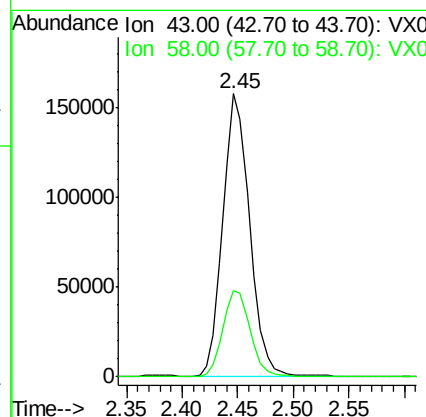
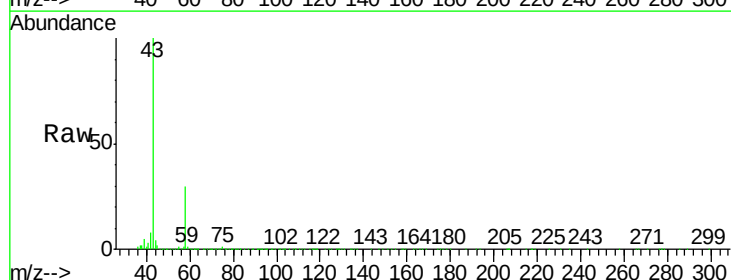
Manual Integrations
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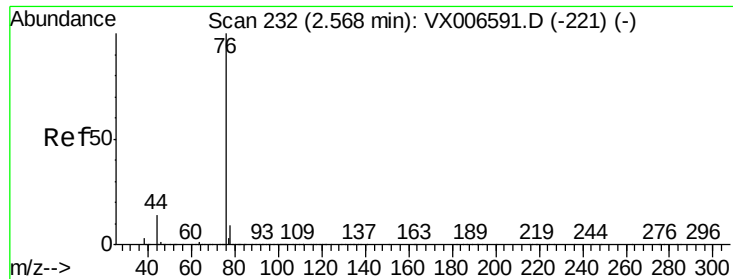
MMDadoda
 1/4/2019 10:01:25 AM



#16
 Acetone
 Concen: 98.452 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX006893.D
 Acq: 03 Jan 2019 14:32

Tgt Ion:	43	Resp:	261948
Ion Ratio		Lower	Upper
43	100		
58	30.4	25.0	37.6





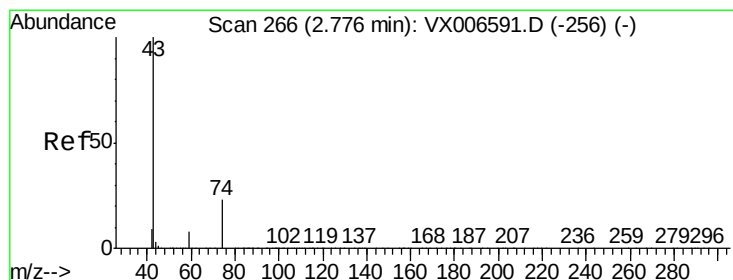
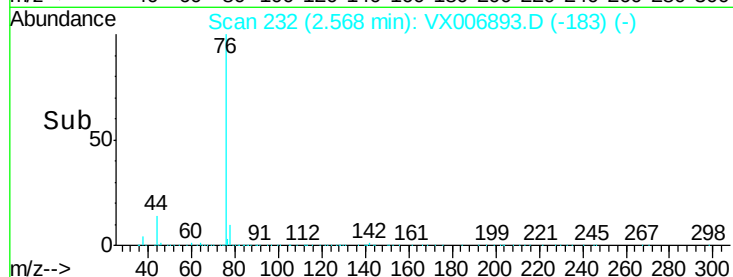
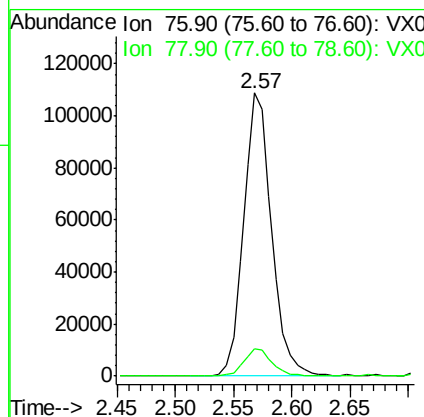
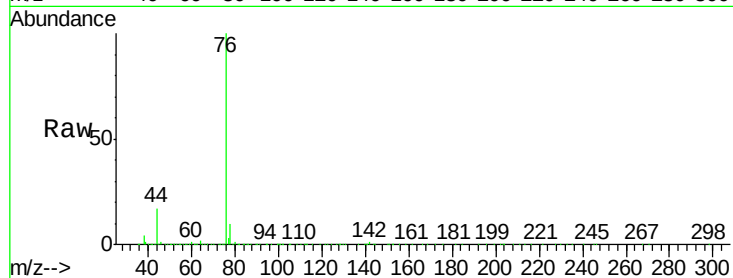
#17
Carbon Disulfide
Concen: 14.272 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX006893.D
Acq: 03 Jan 2019 14:32

Instrument :
MSVOA_X
ClientSampleId :
VX0103WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.0	10.6

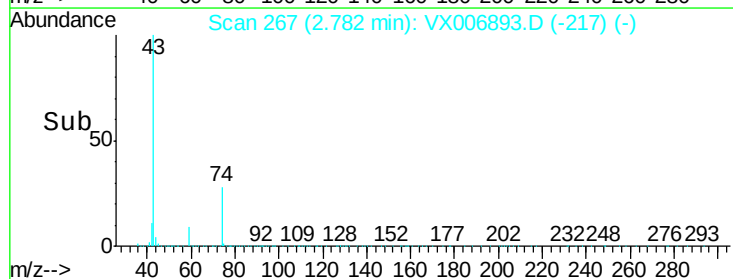
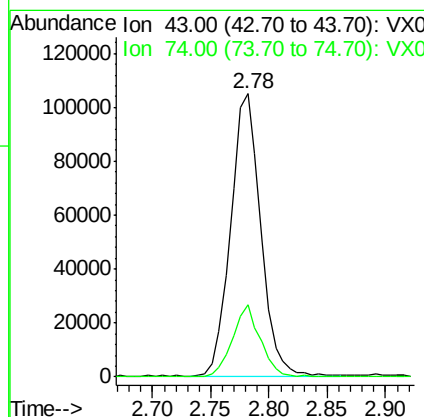
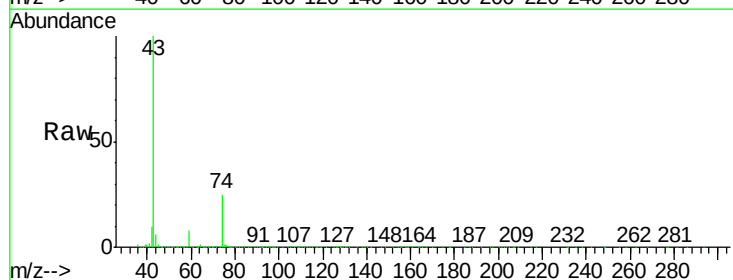
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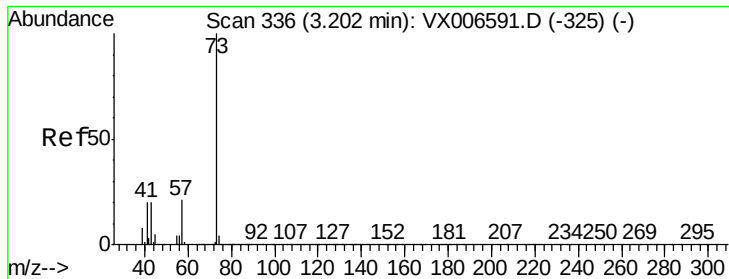
MMDadoda
1/4/2019 10:01:25 AM



#18
Methyl Acetate
Concen: 24.006 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX006893.D
Acq: 03 Jan 2019 14:32

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.5	18.6	28.0





#19

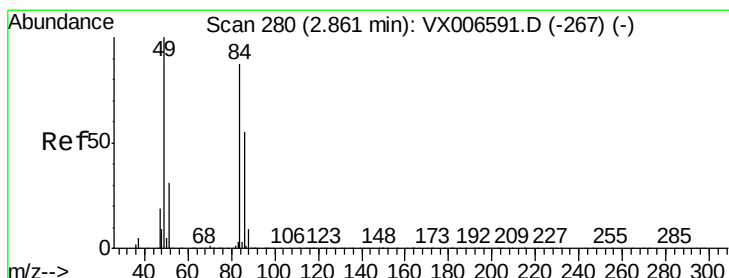
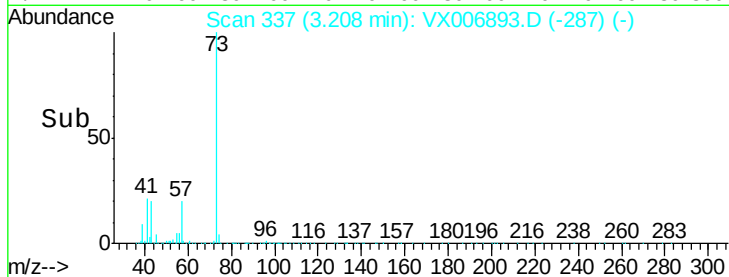
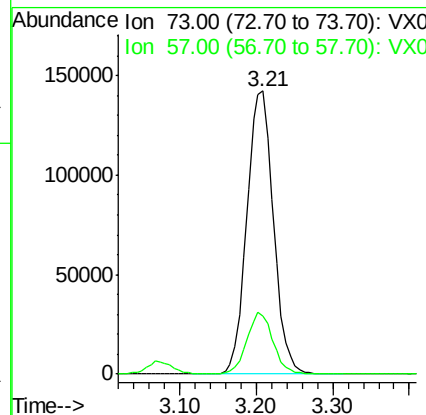
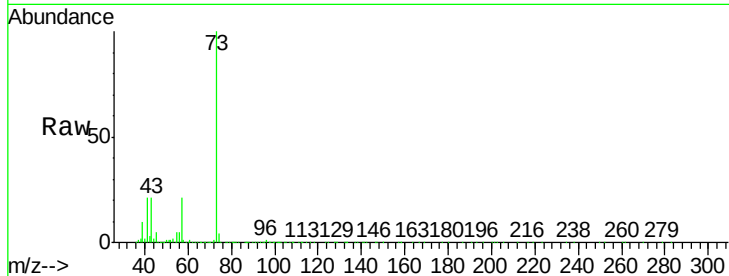
Methyl tert-butyl Ether
 Concen: 21.557 ug/l
 RT: 3.21 min Scan# 337
 Delta R.T. 0.01 min
 Lab File: VX006893.D
 Acq: 03 Jan 2019 14:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0103WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
73	73	100		
57	57	20.3	16.8	25.2

Manual Integrations
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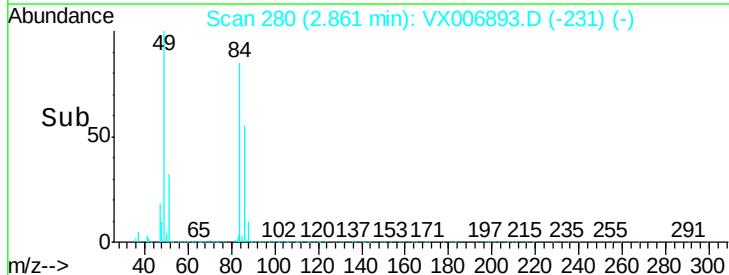
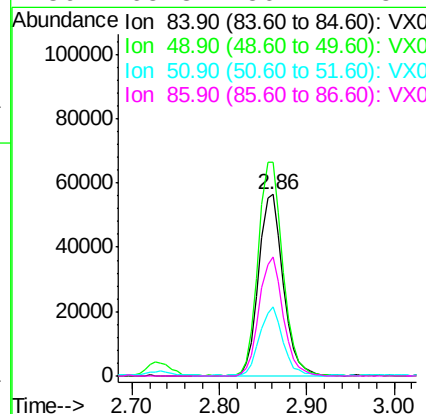
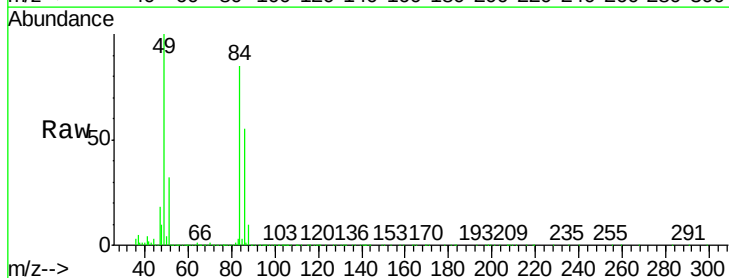
MMDadoda
 1/4/2019 10:01:25 AM

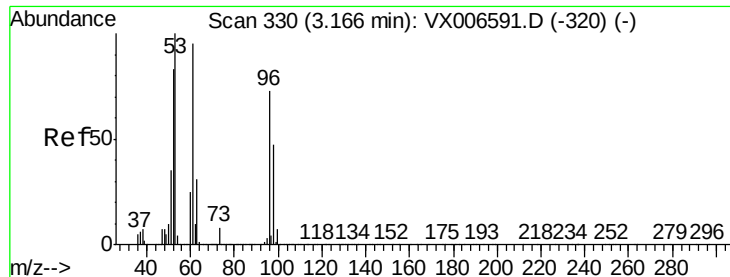


#20

Methylene Chloride
 Concen: 20.127 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. -0.00 min
 Lab File: VX006893.D
 Acq: 03 Jan 2019 14:32

Tgt Ion	Ion	Ratio	Lower	Upper
84	84	100		
49	49	117.5	91.8	137.6
51	51	37.5	28.5	42.7
86	86	65.3	50.2	75.2





#21

trans-1,2-Dichloroethene

Concen: 18.753 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX006893.D

Acq: 03 Jan 2019 14:32

Instrument :

MSVOA_X

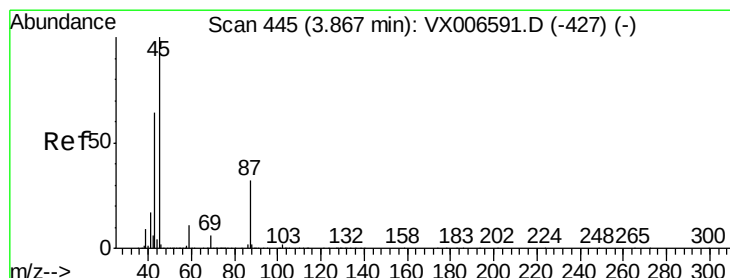
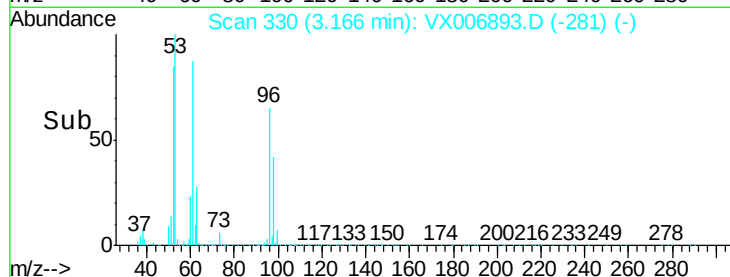
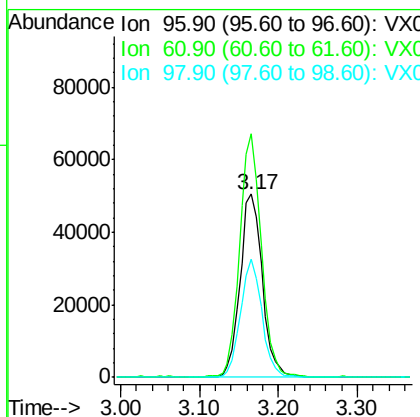
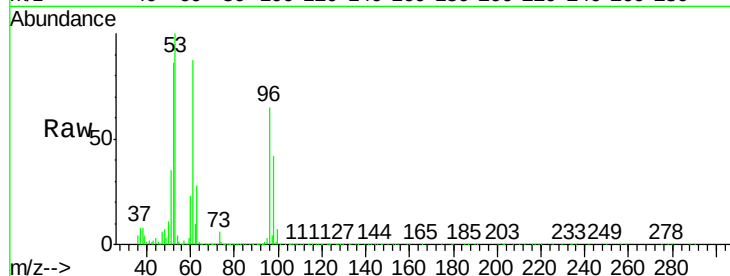
ClientSampled :

VX0103WBSD01

Tot Ion:	96	Resp:	99755
Ion	Ratio	Lower	Upper
96	100		
61	132.5	103.7	155.5
98	64.0	51.0	76.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 21.756 ug/l

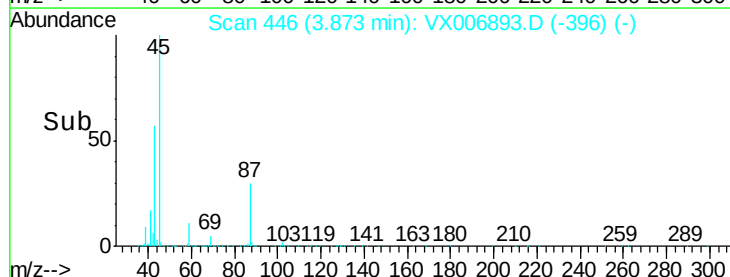
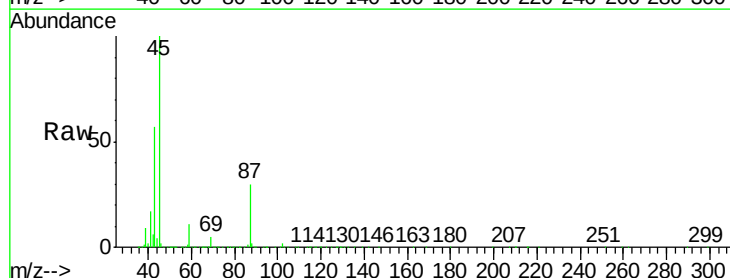
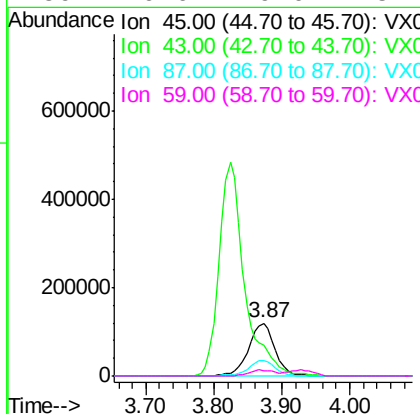
RT: 3.87 min Scan# 446

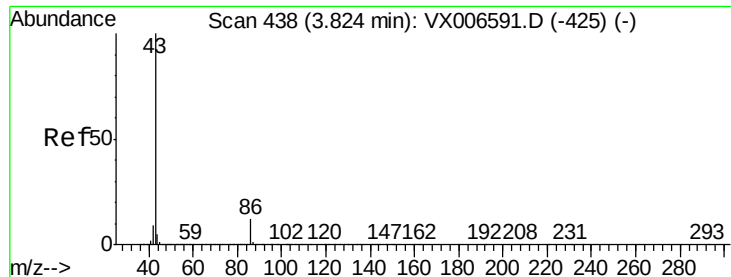
Delta R.T. 0.01 min

Lab File: VX006893.D

Acq: 03 Jan 2019 14:32

Tgt Ion:	45	Resp:	321637
Ion	Ratio	Lower	Upper
45	100		
43	56.9	51.2	76.8
87	30.2	25.8	38.6
59	10.6	9.0	13.4





#23

Vinyl Acetate

Concen: 104.136 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX006893.D

Acq: 03 Jan 2019 14:32

Instrument :

MSVOA_X

ClientSampleId :

VX0103WBSD01

Tot Ion: 43 Resp: 1259305

Ion Ratio Lower Upper

43 100

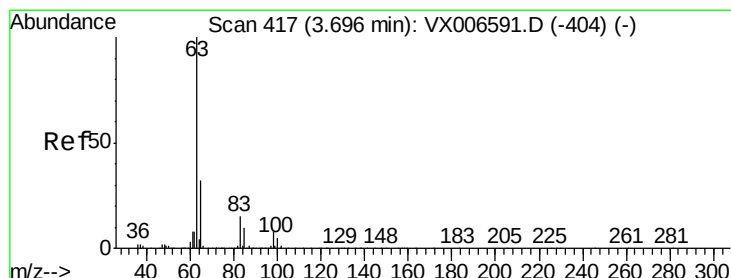
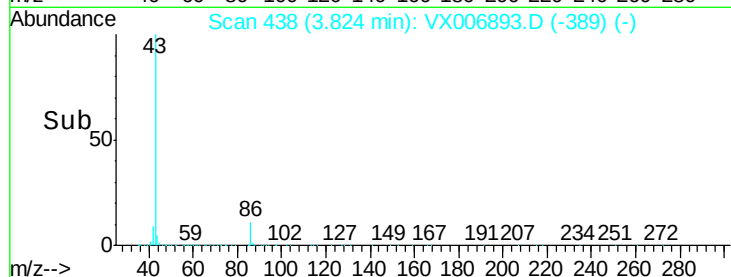
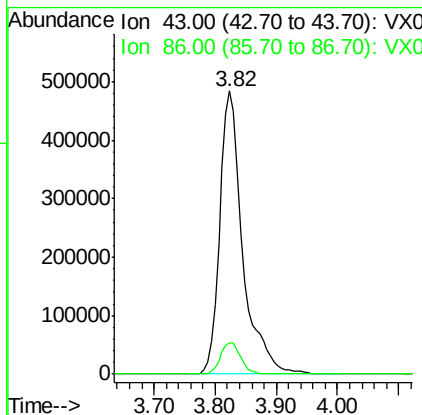
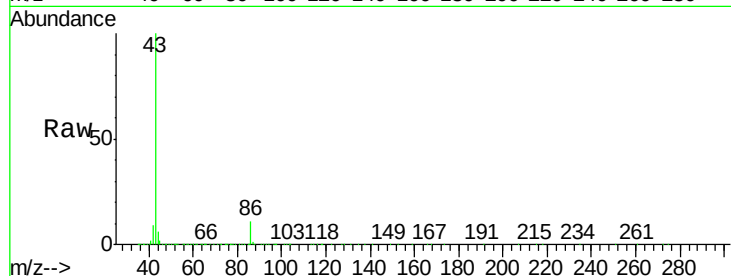
86 11.0 9.2 13.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 19.862 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX006893.D

Acq: 03 Jan 2019 14:32

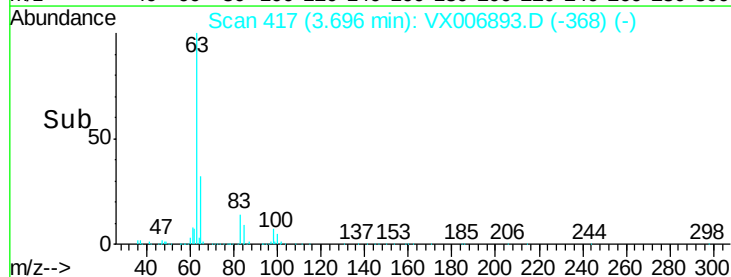
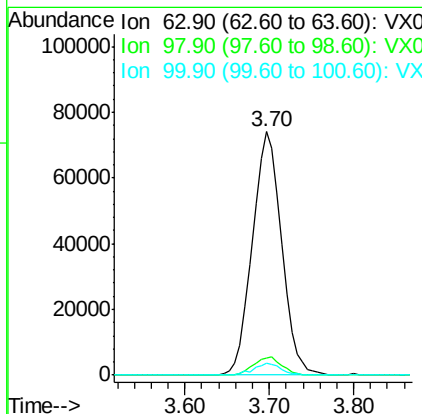
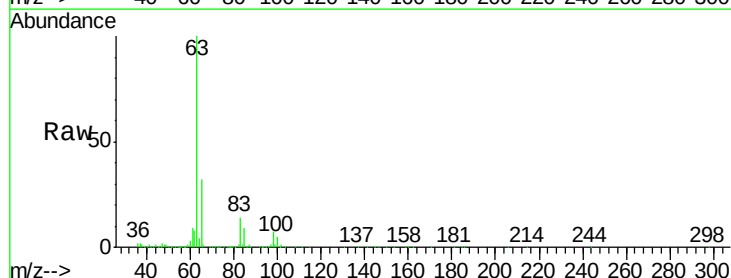
Tgt Ion: 63 Resp: 175287

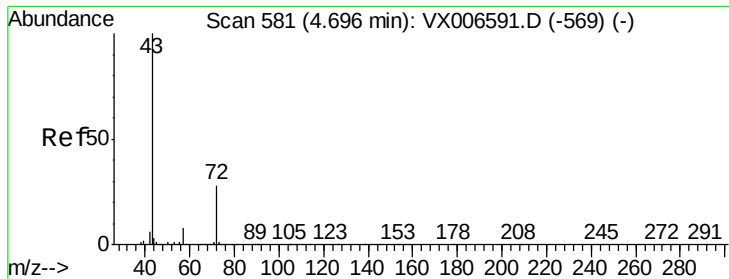
Ion Ratio Lower Upper

63 100

98 7.0 3.9 11.5

100 4.8 2.4 7.2





#25

2-Butanone

Concen: 104.606 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.00 min

Lab File: VX006893.D

Acq: 03 Jan 2019 14:32

Instrument :

MSVOA_X

ClientSampleId :

VX0103WBSD01

Tot Ion: 43 Resp: 391494

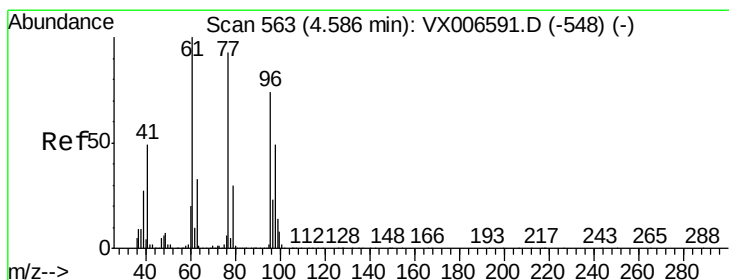
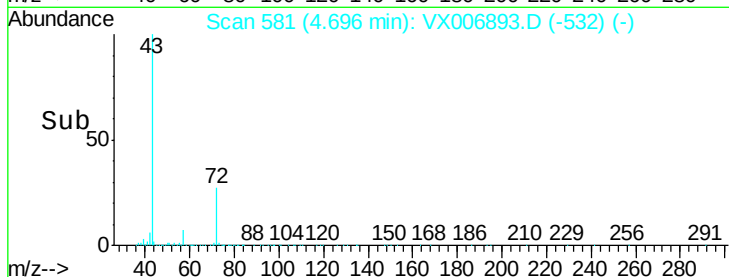
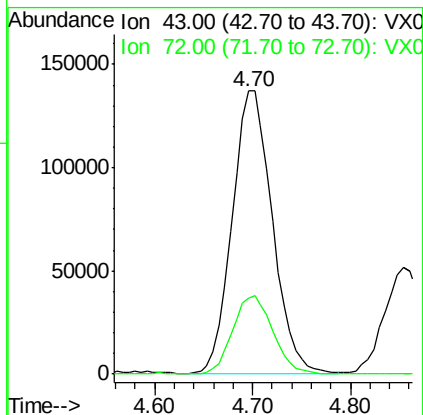
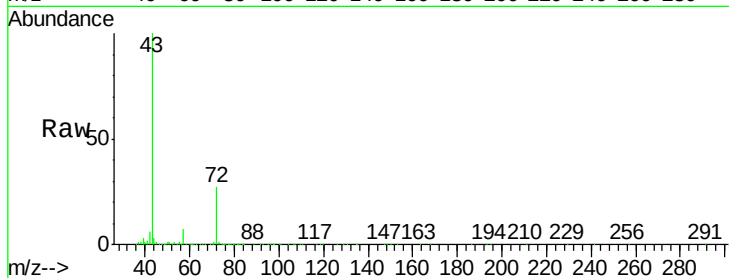
Ion Ratio Lower Upper

43 100

72 26.9 22.4 33.6

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1/4/2019 10:01:25 AM



#26

2,2-Dichloropropane

Concen: 17.799 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX006893.D

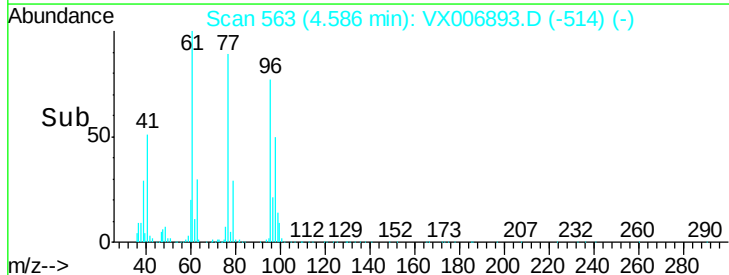
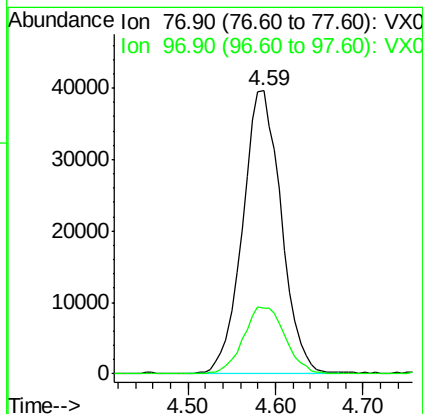
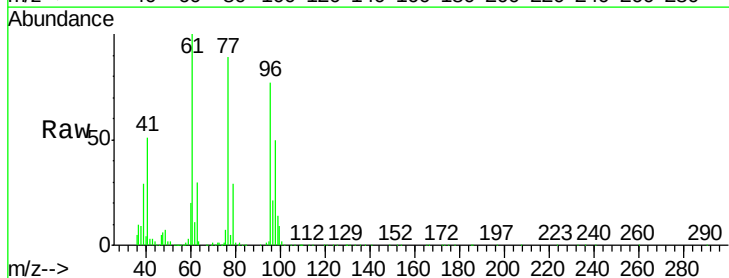
Acq: 03 Jan 2019 14:32

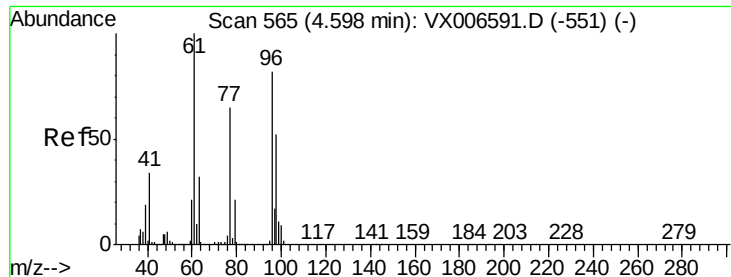
Tgt Ion: 77 Resp: 121340

Ion Ratio Lower Upper

77 100

97 25.6 12.4 37.4





#27

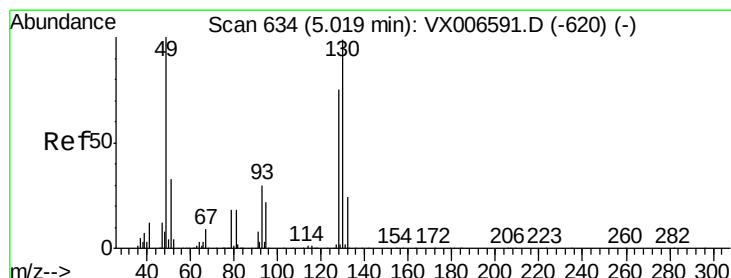
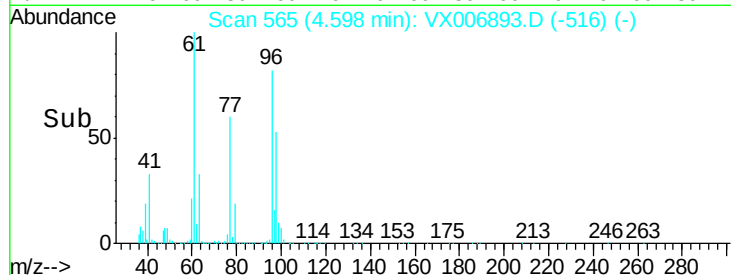
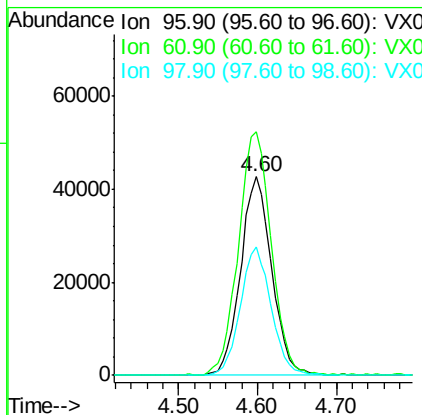
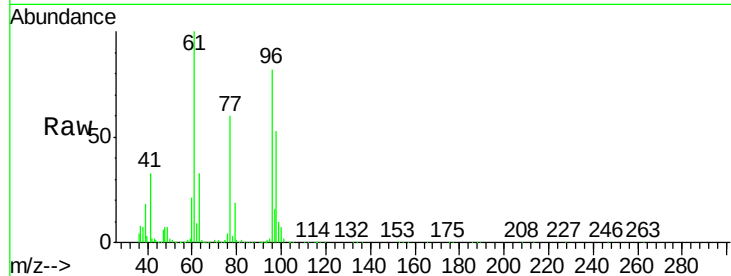
cis-1,2-Dichloroethene
Concen: 19.941 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX006893.D
Acq: 03 Jan 2019 14:32

Instrument :
MSVOA_X
ClientSampled :
VX0103WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	128.8	0.0	258.6
98	64.1	0.0	132.0

Manual Integrations
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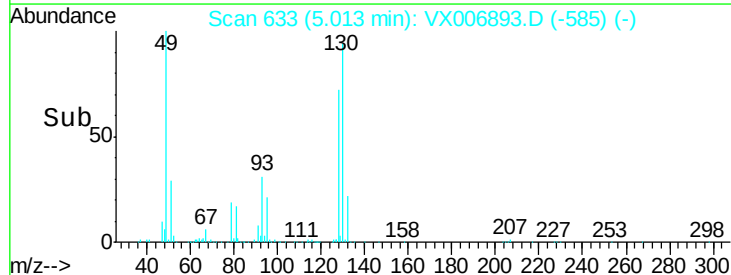
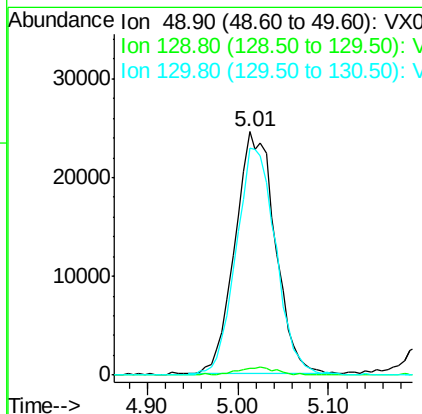
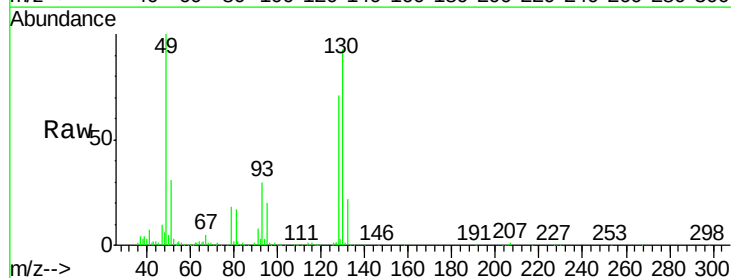
MMDadoda
1/4/2019 10:01:25 AM

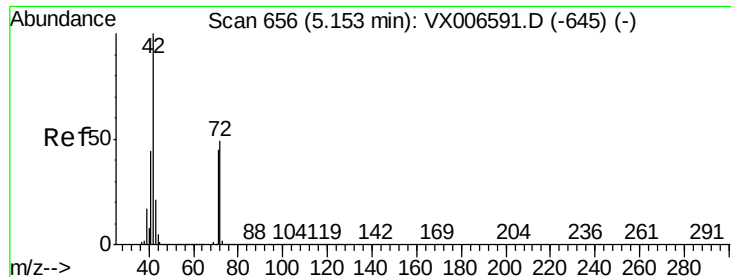


#28

Bromochloromethane
Concen: 19.008 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX006893.D
Acq: 03 Jan 2019 14:32

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	5.4
130	93.2	77.7	116.5





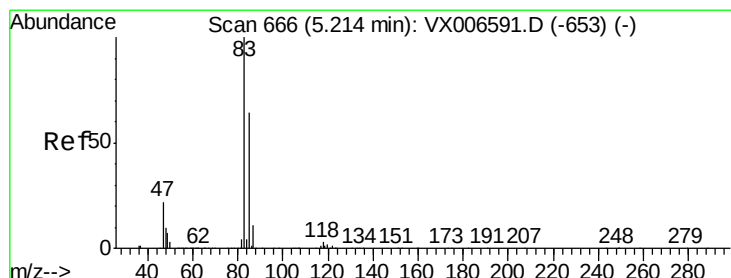
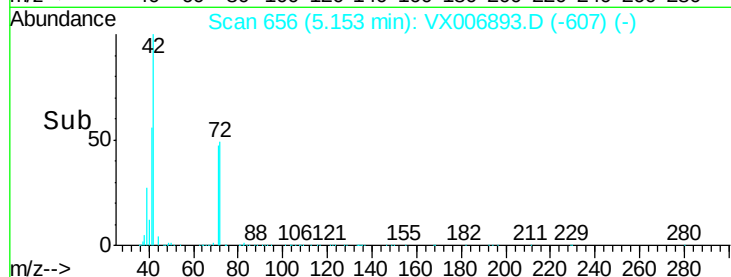
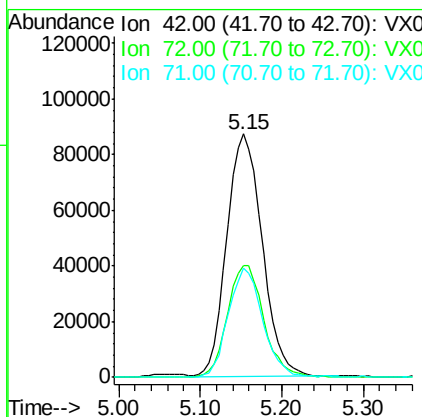
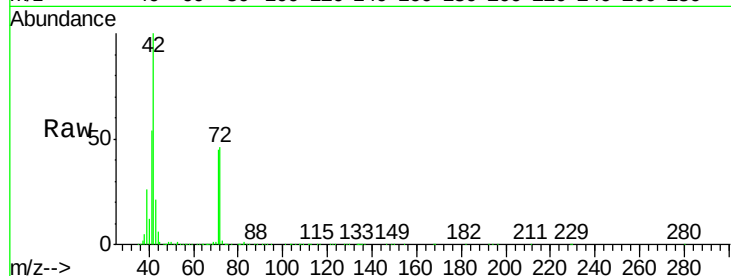
#29
Tetrahydrofuran
Concen: 106.541 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX006893.D
Acq: 03 Jan 2019 14:32

Instrument :
MSVOA_X
ClientSampleId :
VX0103WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.2	38.9	58.3
71	43.4	36.2	54.4

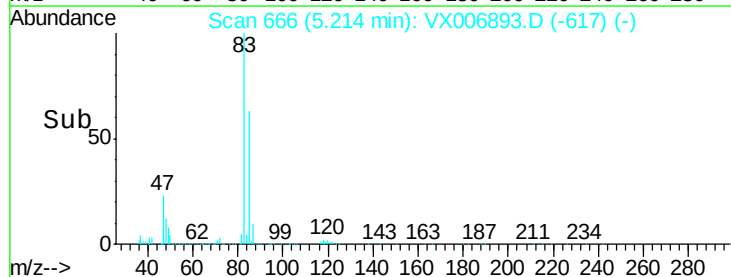
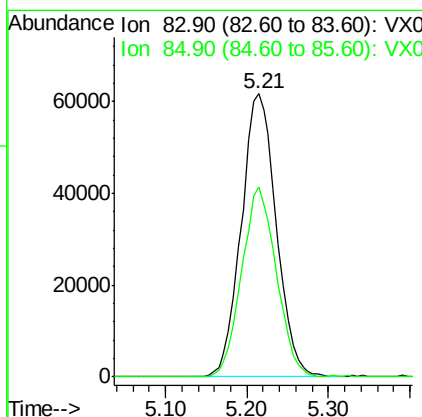
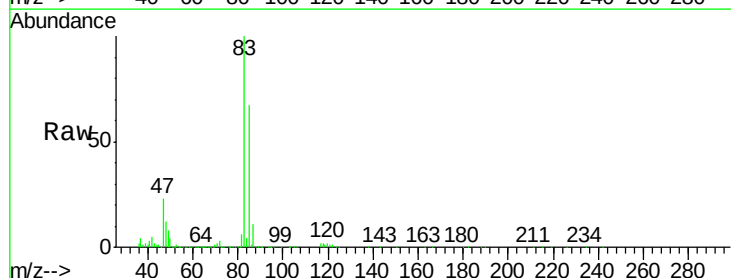
Manual Integrations
APPROVED

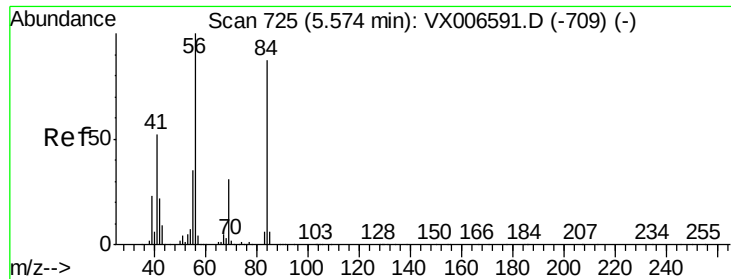
MMDadoda
1/4/2019 10:01:25 AM



#30
Chloroform
Concen: 20.183 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX006893.D
Acq: 03 Jan 2019 14:32

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.9	51.2	76.8





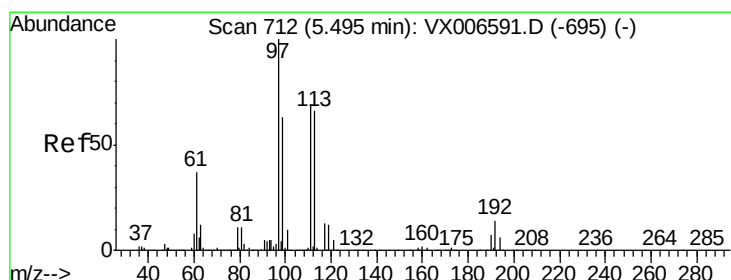
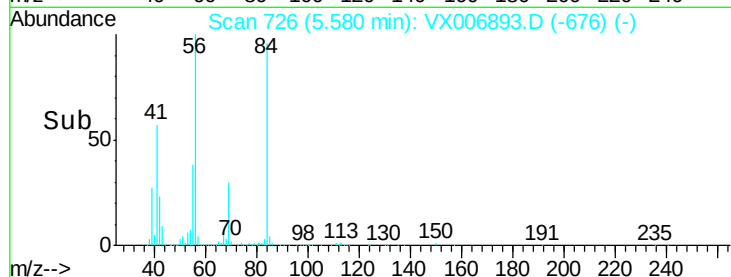
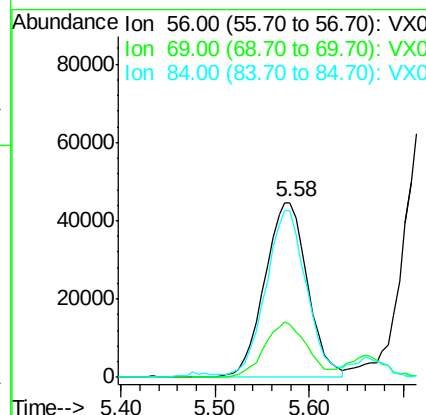
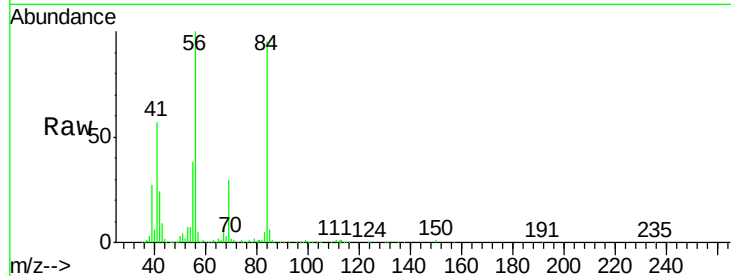
#31
Cyclohexane
Concen: 17.713 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX006893.D
Acq: 03 Jan 2019 14:32

Instrument :
MSVOA_X
ClientSampleId :
VX0103WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.0	24.4	36.6
84	92.5	70.0	105.0

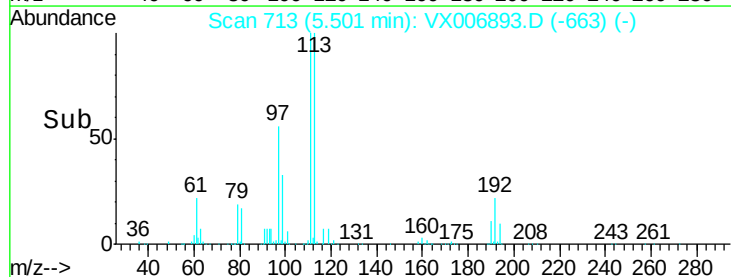
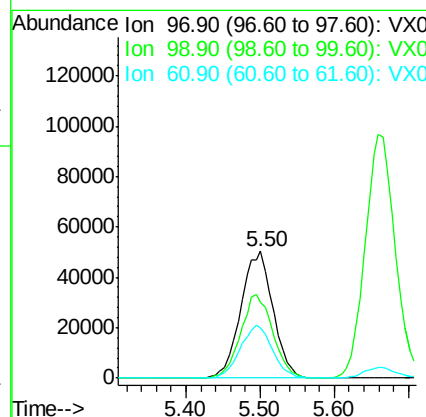
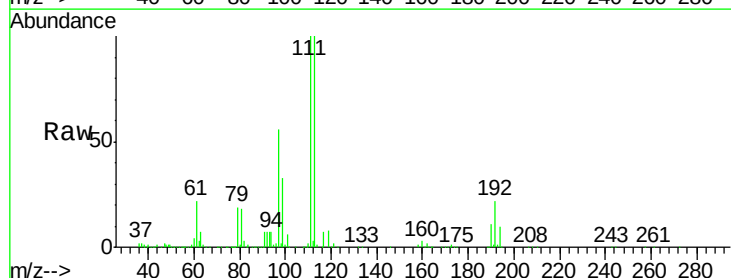
Manual Integrations
APPROVED

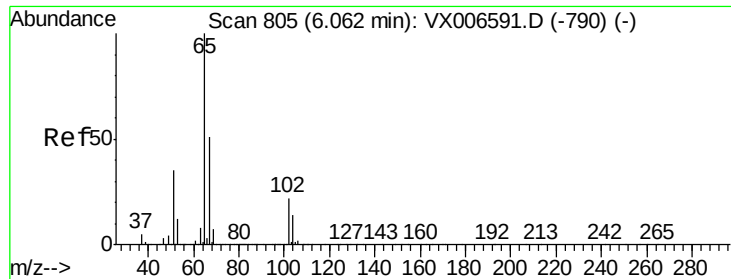
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 19.746 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX006893.D
Acq: 03 Jan 2019 14:32

Tgt Ion	Ratio	Lower	Upper
97	100		
99	66.0	51.7	77.5
61	40.8	31.3	46.9





#33

1,2-Dichloroethane-d4

Concen: 49.134 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006893.D

Acq: 03 Jan 2019 14:32

Instrument :

MSVOA_X

ClientSampleId :

VX0103WBSD01

Tot Ion: 65 Resp: 284545

Ion Ratio Lower Upper

65 100

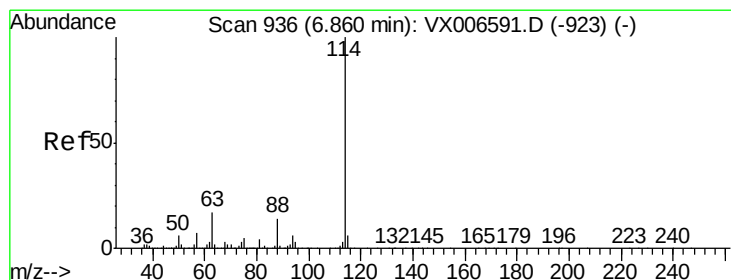
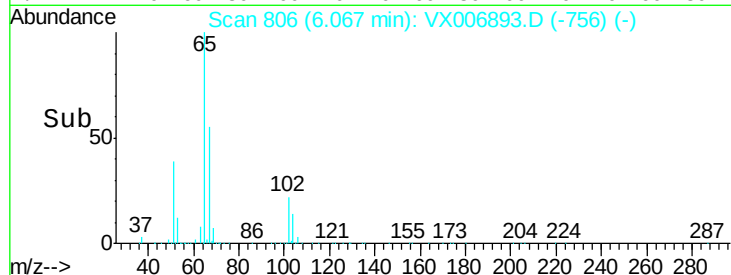
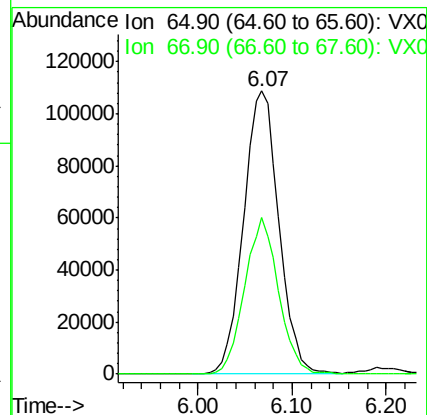
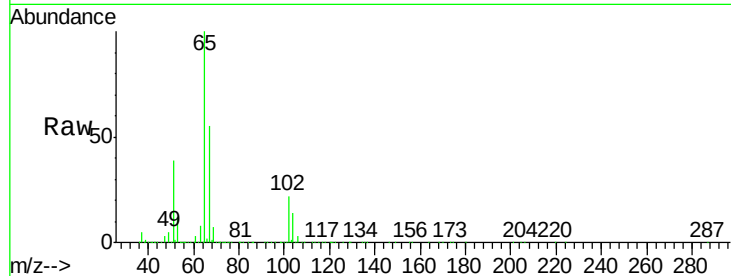
67 53.3 0.0 105.0

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006893.D

Acq: 03 Jan 2019 14:32

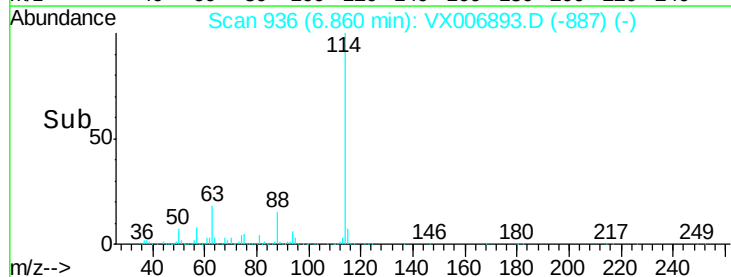
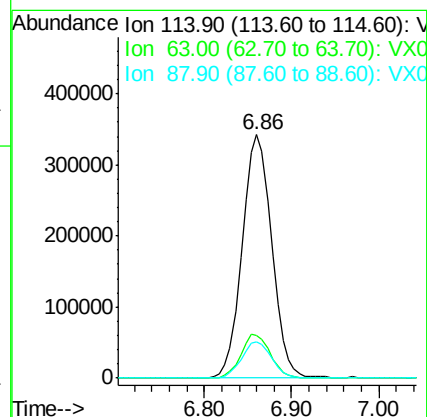
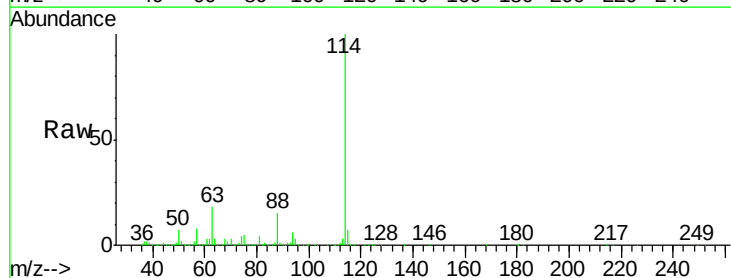
Tgt Ion: 114 Resp: 804945

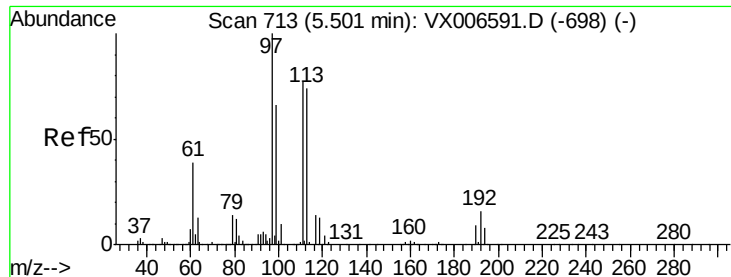
Ion Ratio Lower Upper

114 100

63 17.7 0.0 34.8

88 15.1 0.0 28.8





#35

Dibromofluoromethane

Concen: 50.844 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006893.D

Acq: 03 Jan 2019 14:32

Instrument :

MSVOA_X

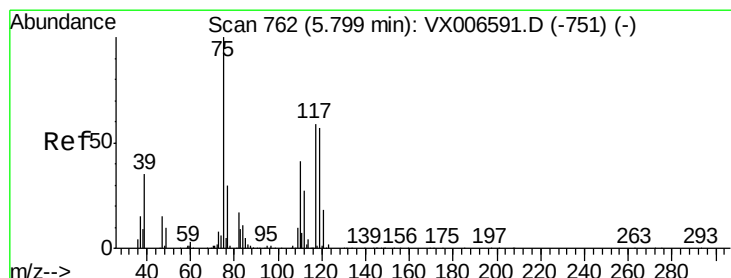
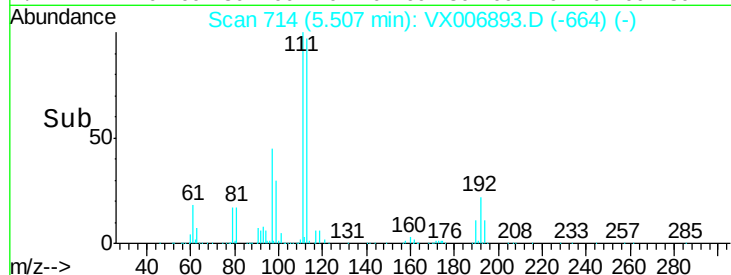
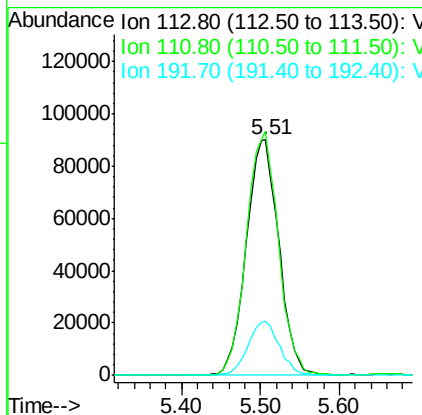
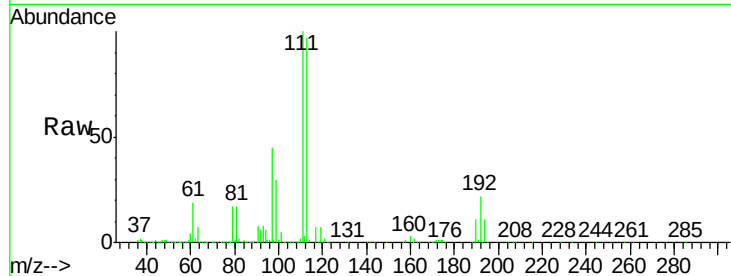
ClientSampleId :

VX0103WBSD01

Tot Ion:	113	Resp:	258813
Ion Ratio	Lower	Upper	
113	100		
111	101.5	81.6	122.4
192	22.3	16.7	25.1

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 19.004 ug/l

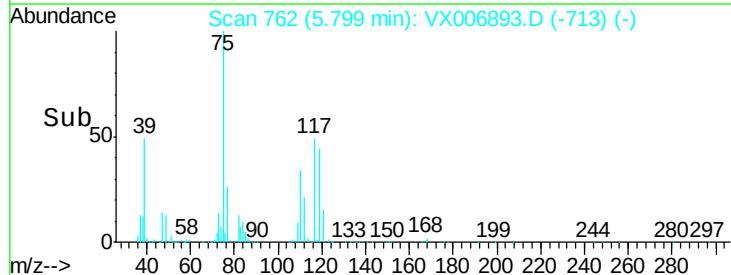
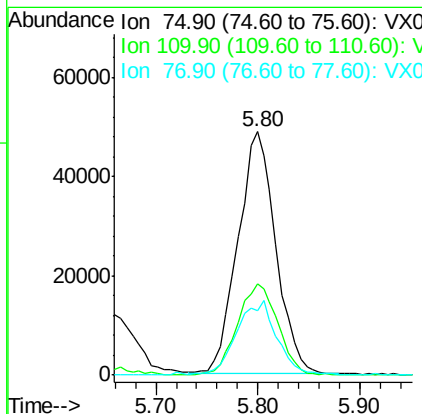
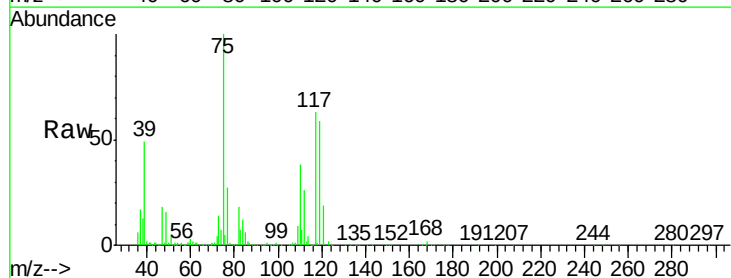
RT: 5.80 min Scan# 762

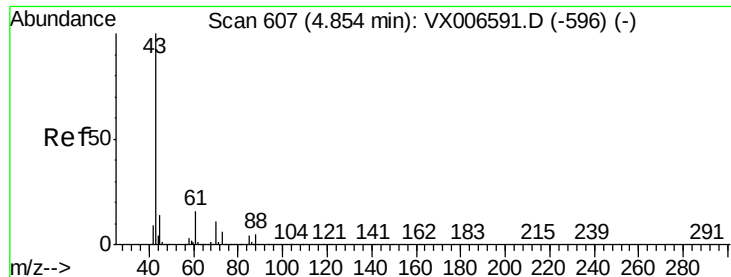
Delta R.T. -0.00 min

Lab File: VX006893.D

Acq: 03 Jan 2019 14:32

Tgt Ion:	75	Resp:	126693
Ion Ratio	Lower	Upper	
75	100		
110	40.3	20.2	60.5
77	31.5	24.8	37.2





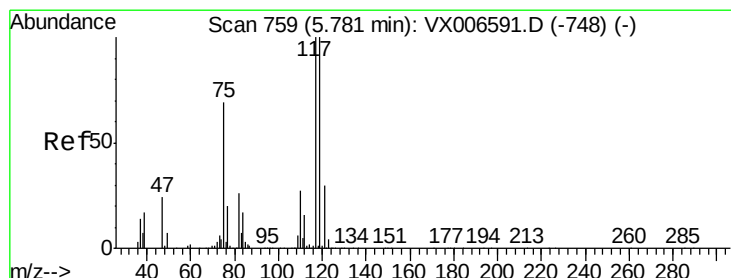
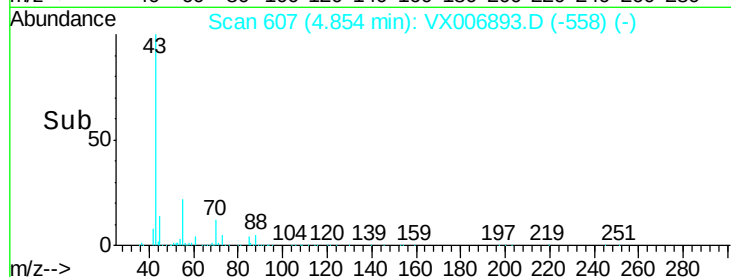
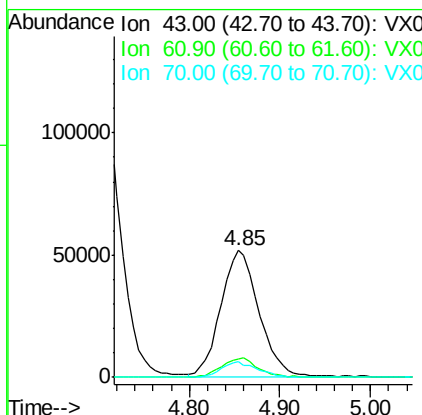
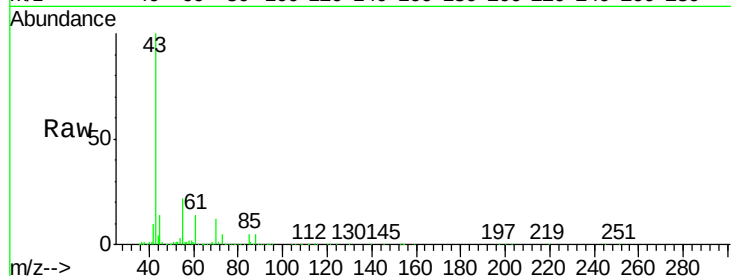
#37
Ethyl Acetate
Concen: 21.665 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX006893.D
Acq: 03 Jan 2019 14:32

Instrument :
MSVOA_X
ClientSampleId :
VX0103WBSD01

Tot Ion	43	Resp	150332
Ion Ratio	Lower	Upper	
43	100		
61	13.8	11.9	17.9
70	11.5	9.7	14.5

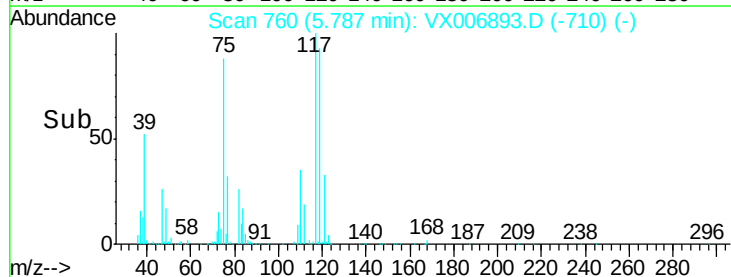
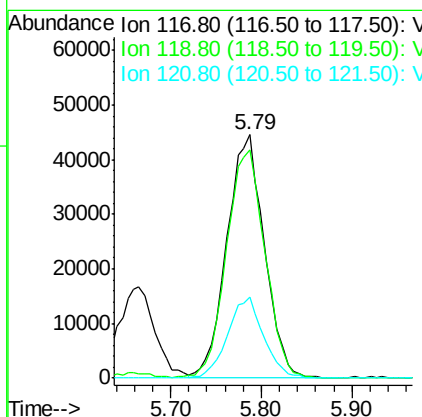
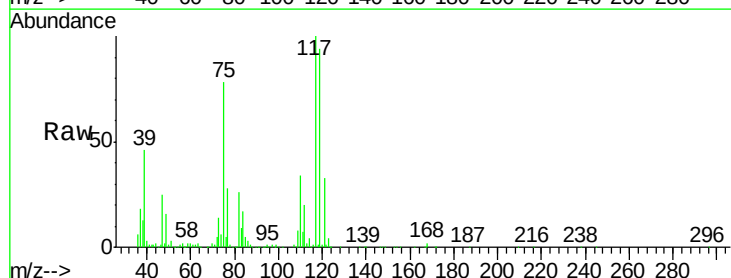
Manual Integrations
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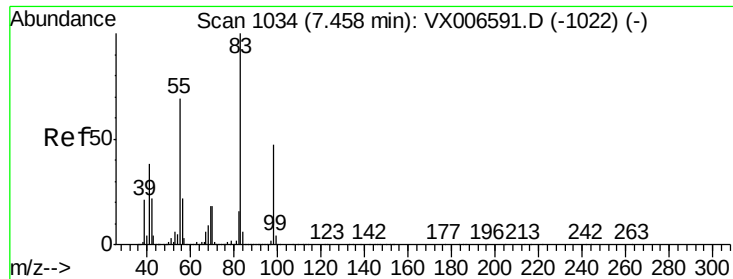
MMDadoda
1/4/2019 10:01:25 AM



#38
Carbon Tetrachloride
Concen: 19.687 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX006893.D
Acq: 03 Jan 2019 14:32

Tgt Ion	117	Resp	127551
Ion Ratio	Lower	Upper	
117	100		
119	93.8	79.4	119.2
121	33.5	24.0	36.0





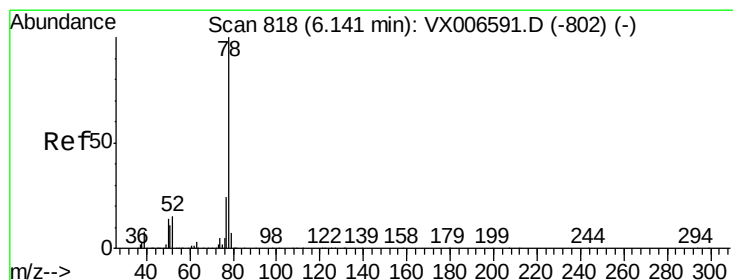
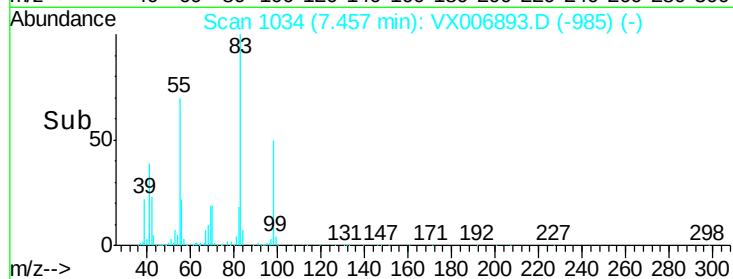
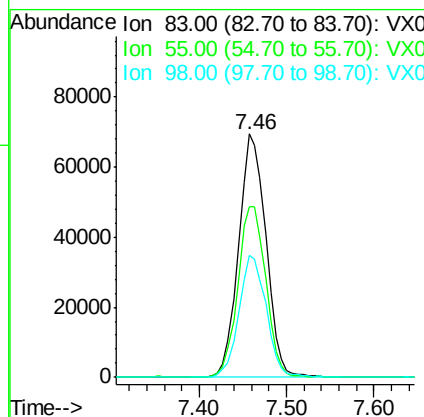
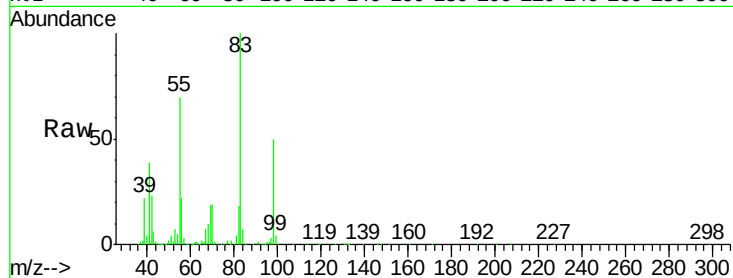
#39
Methylvlcyclohexane
Concen: 17.282 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX006893.D
Acq: 03 Jan 2019 14:32

Instrument :
MSVOA_X
ClientSampleId :
VX0103WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	69.8	54.9	82.3
98	49.8	37.9	56.9

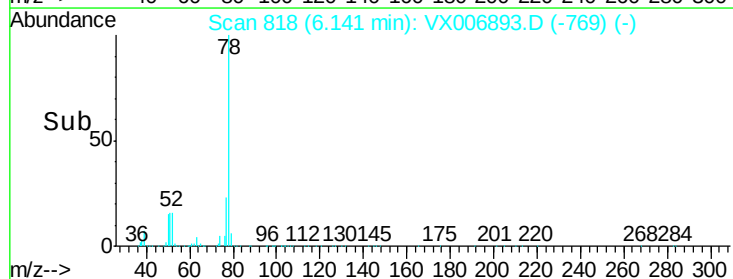
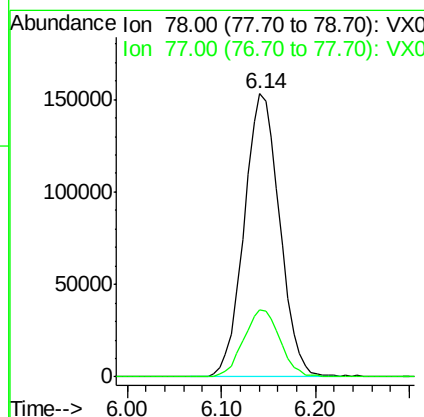
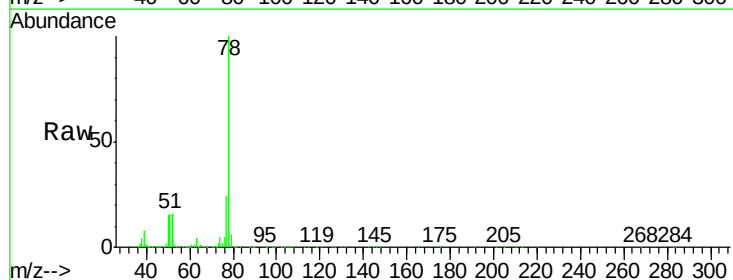
Manual Integrations
APPROVED

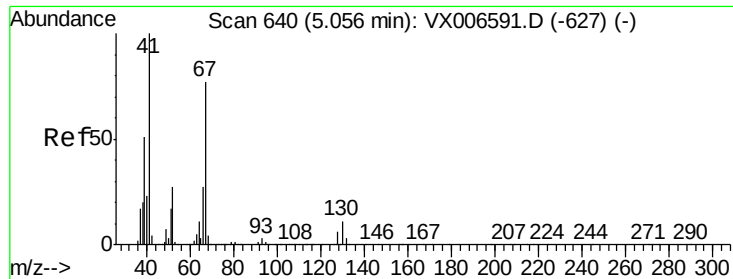
MMDadoda
1/4/2019 10:01:25 AM



#40
Benzene
Concen: 19.975 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX006893.D
Acq: 03 Jan 2019 14:32

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.2	28.8





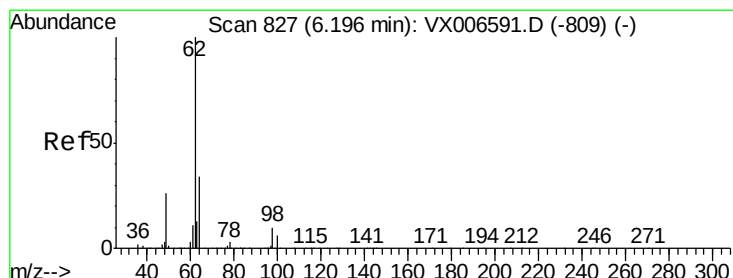
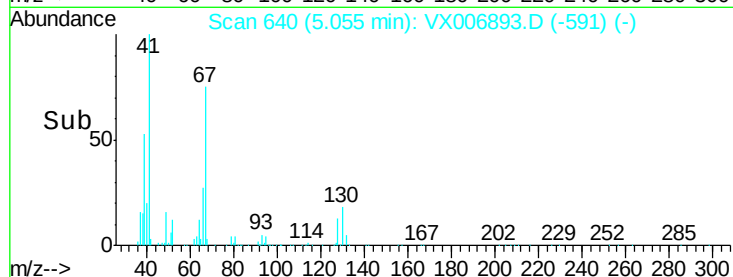
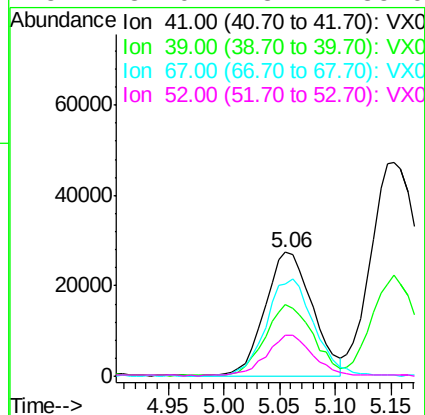
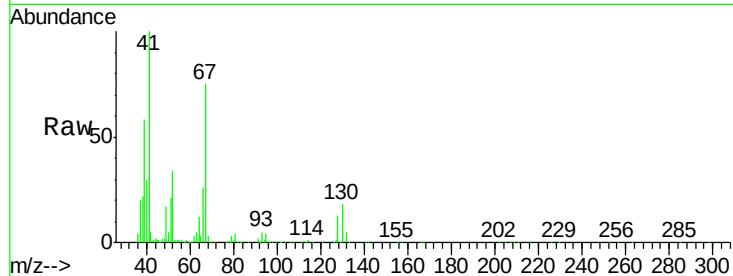
#41
Methacrylonitrile
Concen: 22.265 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.00 min
Lab File: VX006893.D
Acq: 03 Jan 2019 14:32

Instrument :
MSVOA_X
ClientSampled :
VX0103WBSD01

Tot Ion:	41	Resp:	82023
Ion	Ratio	Lower	Upper
41	100		
39	56.9	42.8	64.2
67	79.6	62.1	93.1
52	31.0	23.4	35.0

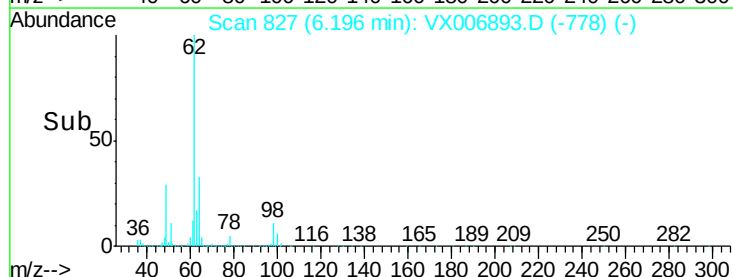
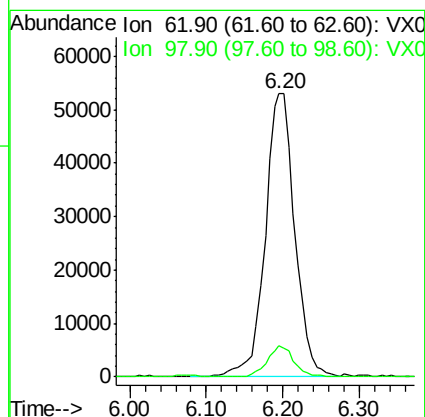
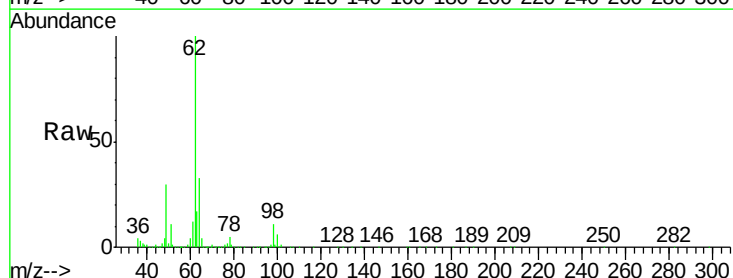
Manual Integrations
APPROVED

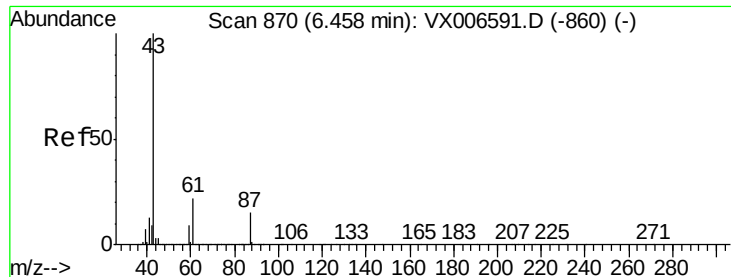
MMDadoda
1/4/2019 10:01:25 AM



#42
1,2-Dichloroethane
Concen: 20.685 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX006893.D
Acq: 03 Jan 2019 14:32

Tgt Ion:	62	Resp:	142837
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	20.2





#43

Isopropyl Acetate

Concen: 22.002 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX006893.D

Acq: 03 Jan 2019 14:32

Instrument :

MSVOA_X

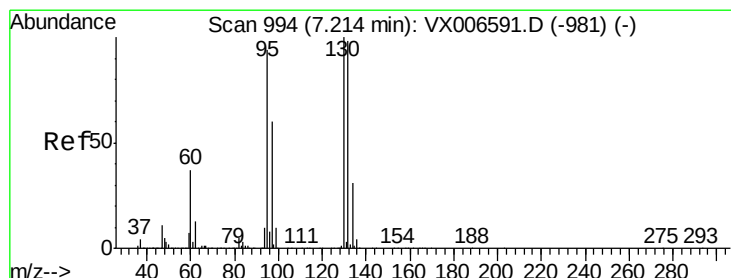
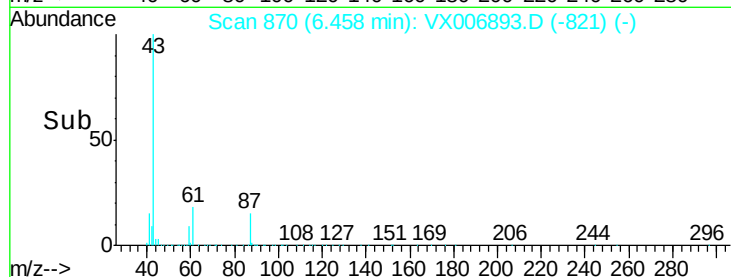
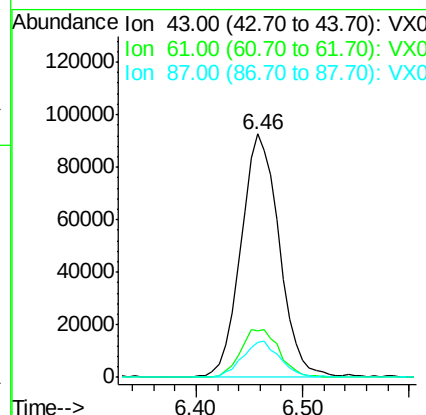
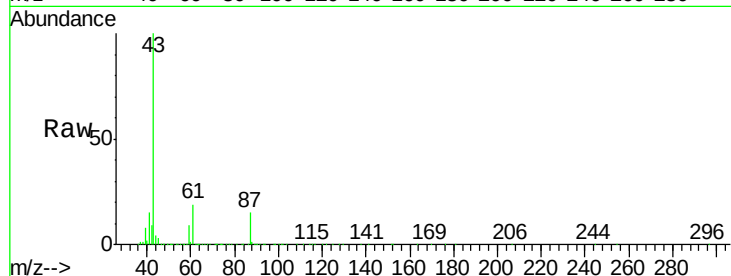
ClientSampleId :

VX0103WBSD01

Tot Ion:	43	Resp:	232297
Ion	Ratio	Lower	Upper
43	100		
61	20.4	16.8	25.2
87	14.8	12.4	18.6

Manual Integrations
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MMDadoda
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#44

Trichloroethene

Concen: 19.677 ug/l

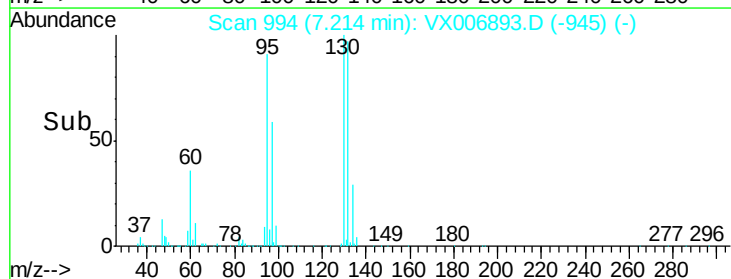
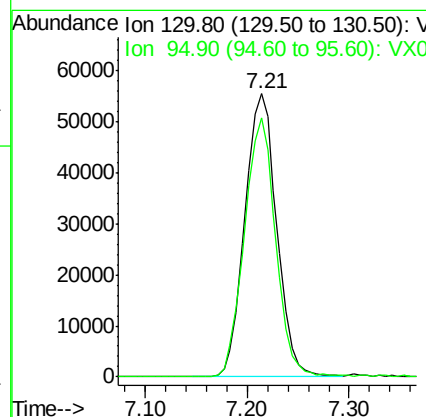
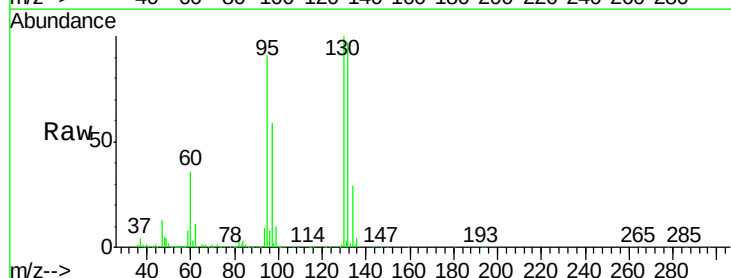
RT: 7.21 min Scan# 994

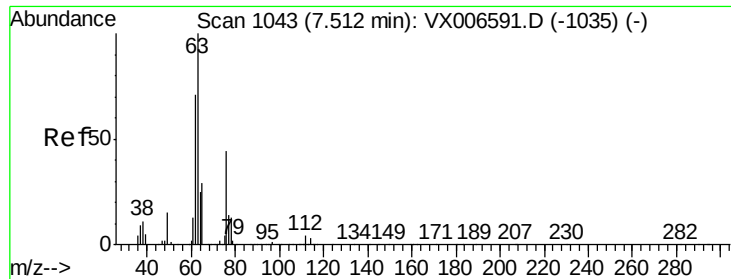
Delta R.T. -0.00 min

Lab File: VX006893.D

Acq: 03 Jan 2019 14:32

Tgt Ion:	130	Resp:	120690
Ion	Ratio	Lower	Upper
130	100		
95	91.1	0.0	187.0





#45

1,2-Dichloropropane

Concen: 21.093 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX006893.D

Acq: 03 Jan 2019 14:32

Instrument :

MSVOA_X

ClientSampleId :

VX0103WBSD01

Tot Ion: 63 Resp: 104021

Ion Ratio Lower Upper

63 100

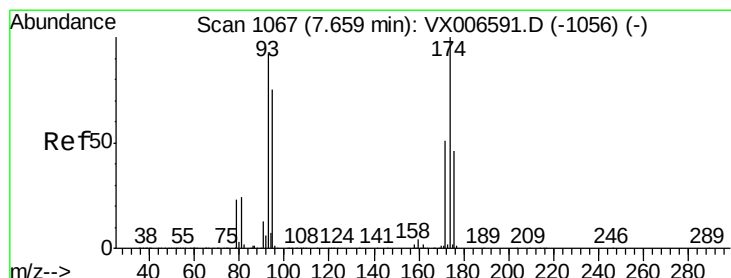
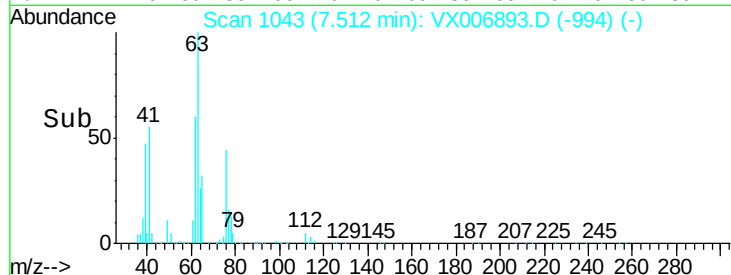
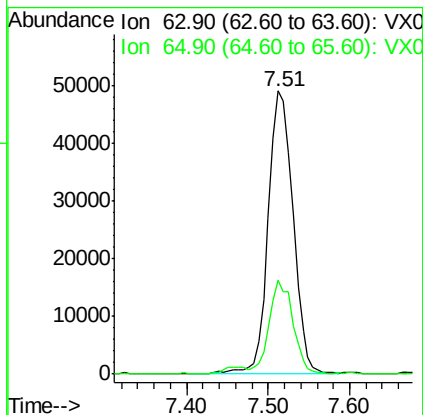
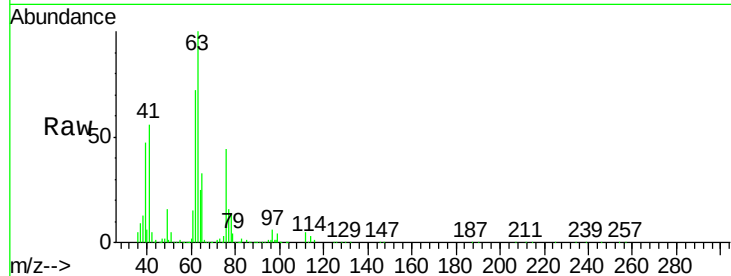
65 32.9 25.4 38.0

Manual Integrations

APPROVED

MMDadoda

1/4/2019 10:01:25 AM



#46

Dibromomethane

Concen: 20.038 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX006893.D

Acq: 03 Jan 2019 14:32

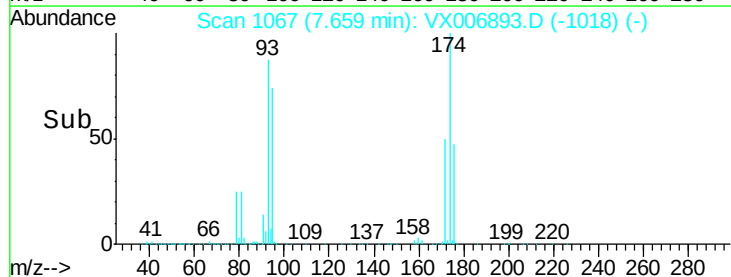
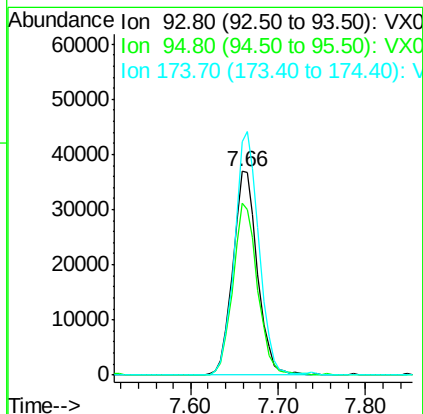
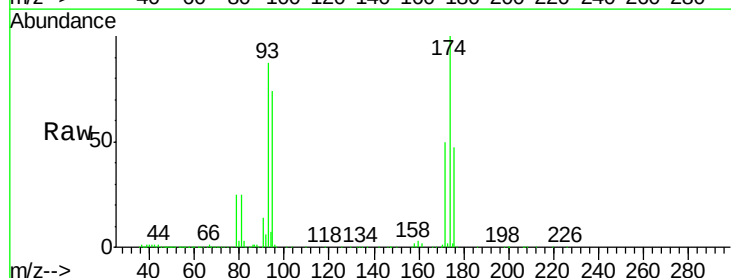
Tgt Ion: 93 Resp: 72686

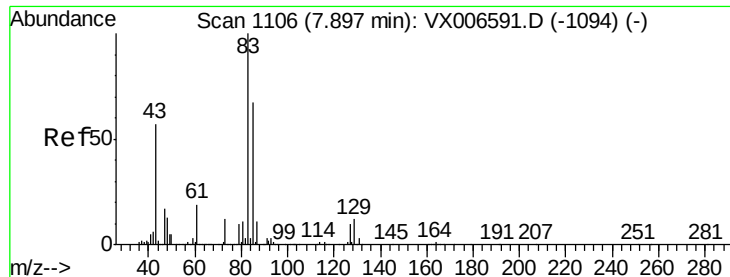
Ion Ratio Lower Upper

93 100

95 84.3 66.2 99.4

174 117.2 91.0 136.4





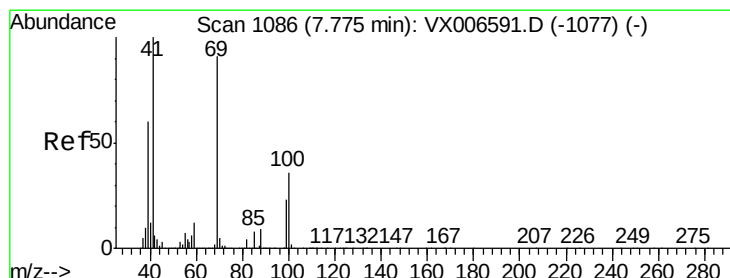
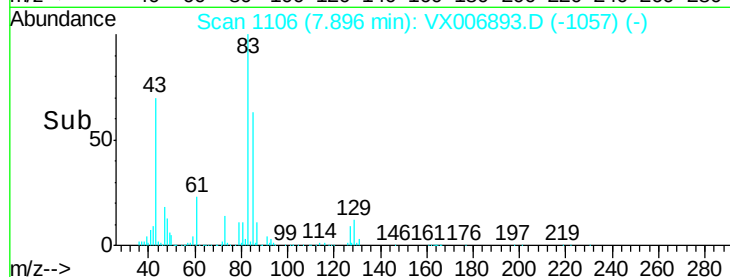
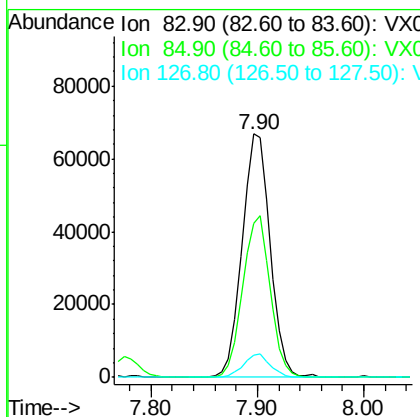
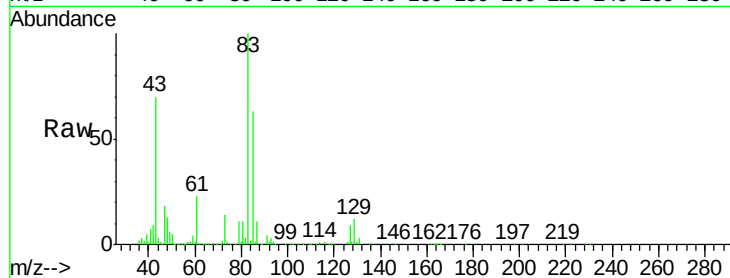
#47
Bromodichloromethane
Concen: 20.606 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VX006893.D
Acq: 03 Jan 2019 14:32

Instrument :
MSVOA_X
ClientSampleId :
VX0103WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
85	62.9	53.2	79.8
127	9.3	7.8	11.6

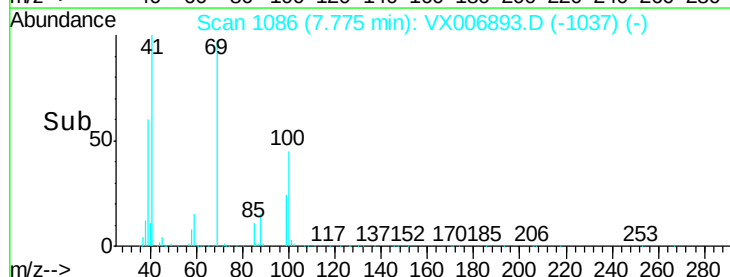
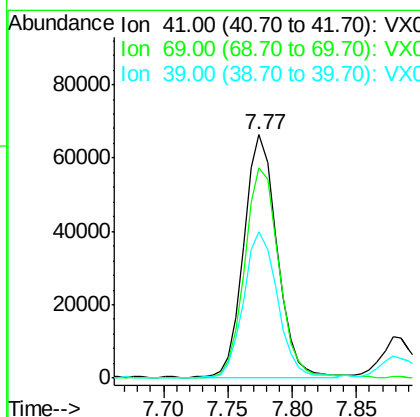
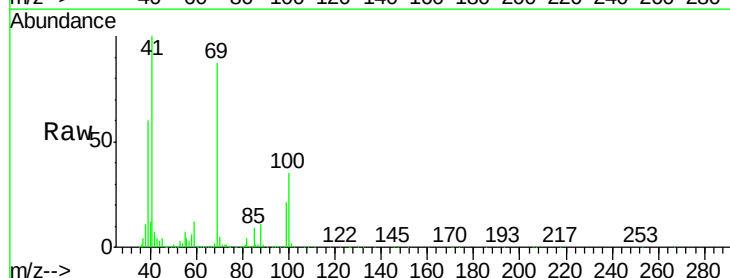
Manual Integrations
APPROVED

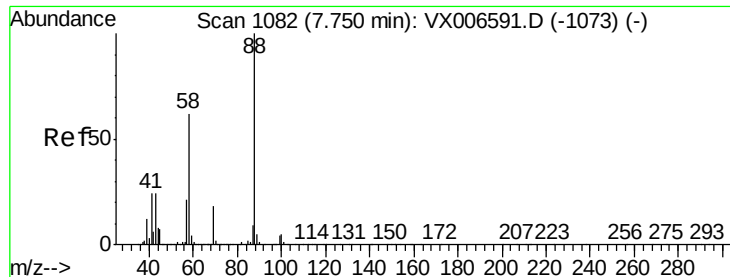
MMDadoda
1/4/2019 10:01:25 AM



#48
Methyl methacrylate
Concen: 21.965 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. -0.00 min
Lab File: VX006893.D
Acq: 03 Jan 2019 14:32

Tgt Ion	Ratio	Lower	Upper
41	100		
69	89.7	72.4	108.6
39	61.1	45.8	68.8





#49

1,4-Dioxane

Concen: 407.457 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX006893.D

Acq: 03 Jan 2019 14:32

Instrument :

MSVOA_X

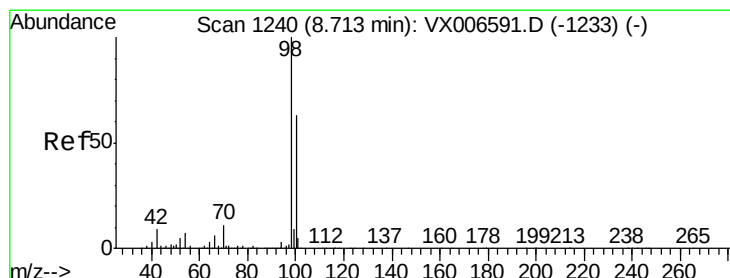
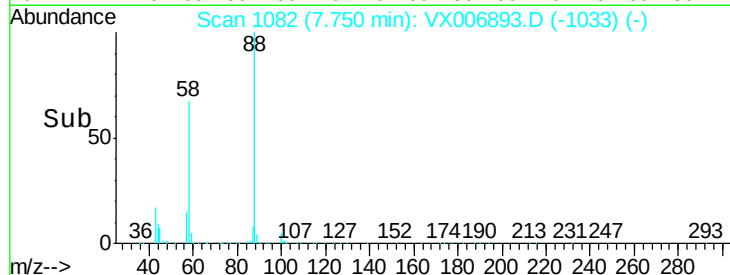
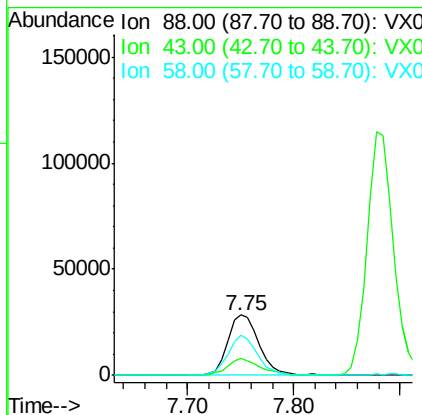
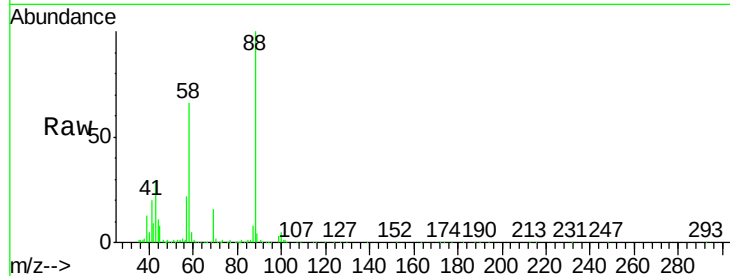
ClientSampleId :

VX0103WBSD01

Tot Ion:	88	Resp:	58893
Ion	Ratio	Lower	Upper
88	100		
43	28.1	22.2	33.4
58	63.0	51.0	76.4

Manual Integrations
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#50

Toluene-d8

Concen: 48.656 ug/l

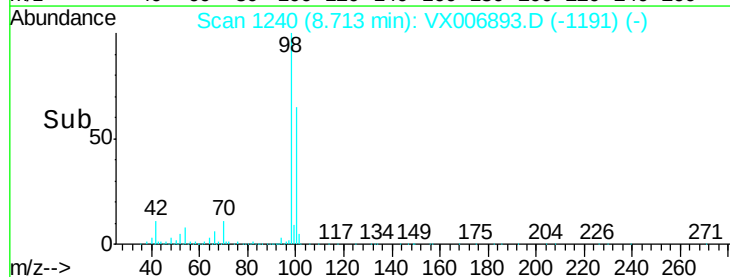
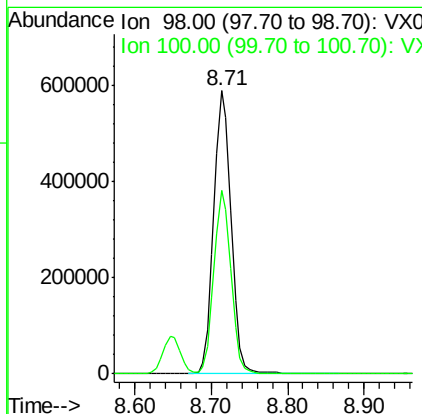
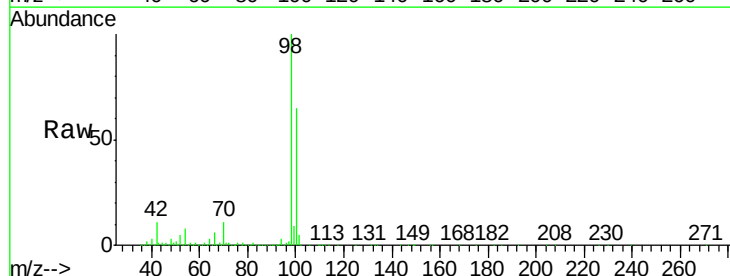
RT: 8.71 min Scan# 1240

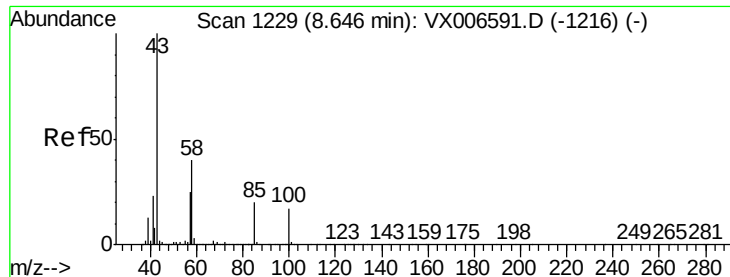
Delta R.T. -0.00 min

Lab File: VX006893.D

Acq: 03 Jan 2019 14:32

Tgt Ion:	98	Resp:	933735
Ion	Ratio	Lower	Upper
98	100		
100	64.1	52.0	78.0





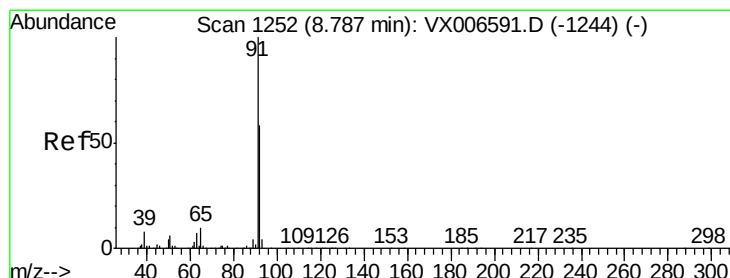
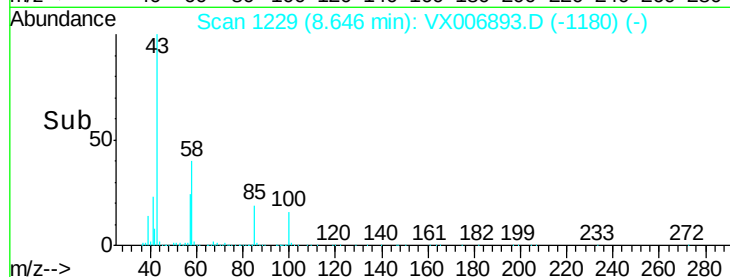
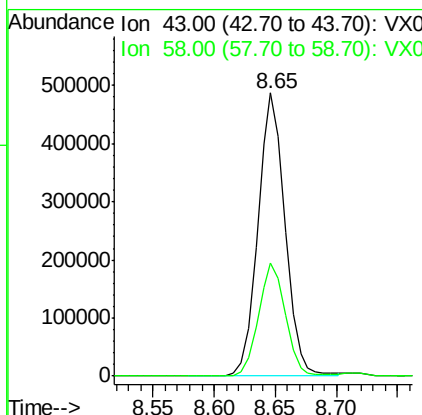
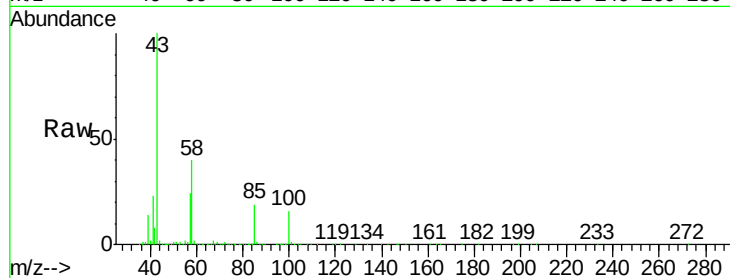
#51
4-Methyl-2-Pentanone
Concen: 112.031 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VX006893.D
Acq: 03 Jan 2019 14:32

Instrument :
MSVOA_X
ClientSampleId :
VX0103WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.7	31.8	47.6

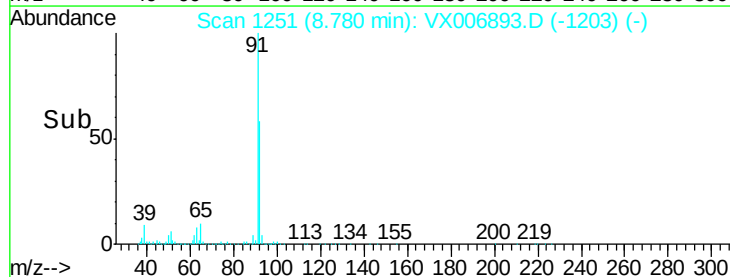
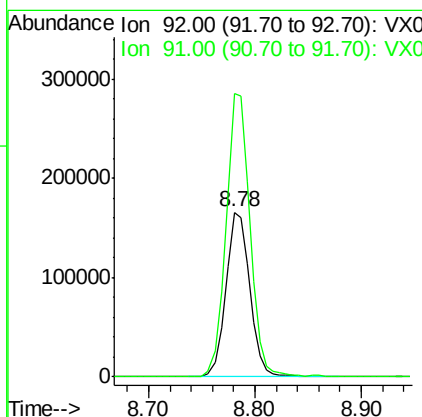
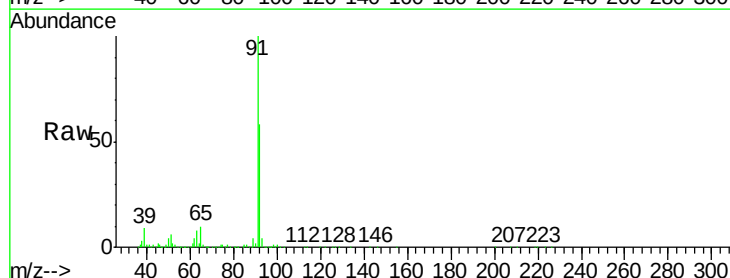
Manual Integrations
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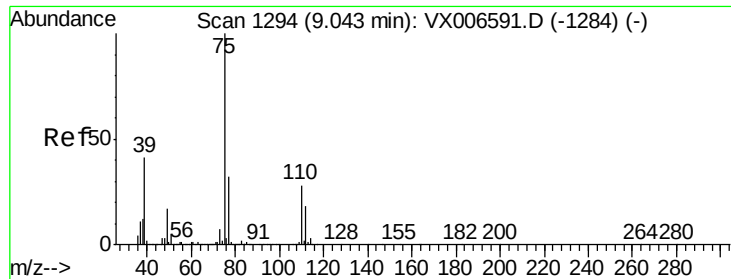
MMDadoda
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#52
Toluene
Concen: 19.932 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX006893.D
Acq: 03 Jan 2019 14:32

Tgt Ion	Ratio	Lower	Upper
92	100		
91	173.2	137.6	206.4





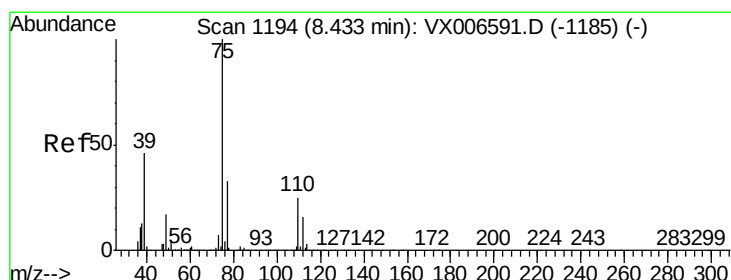
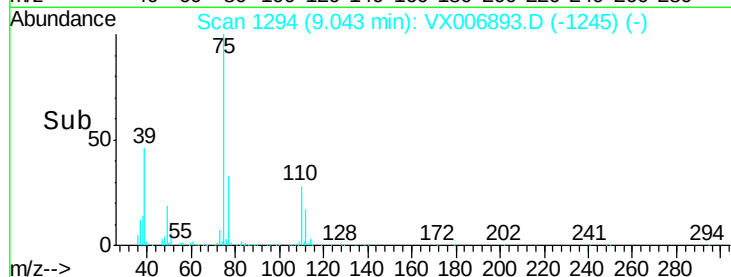
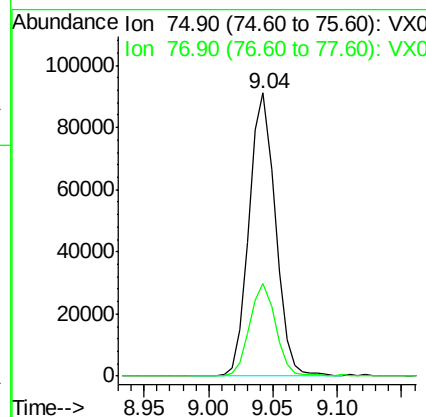
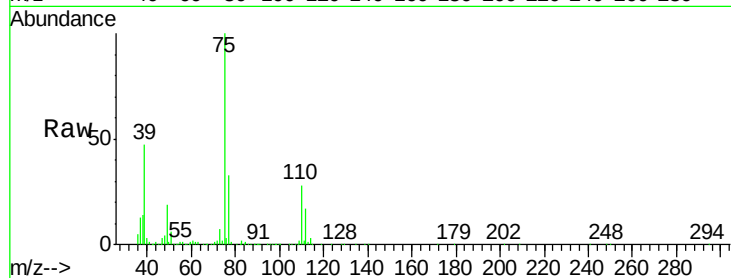
#53
t-1,3-Dichloropropene
Concen: 19.918 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX006893.D
Acq: 03 Jan 2019 14:32

Instrument :
MSVOA_X
ClientSampleId :
VX0103WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.7	25.4	38.0

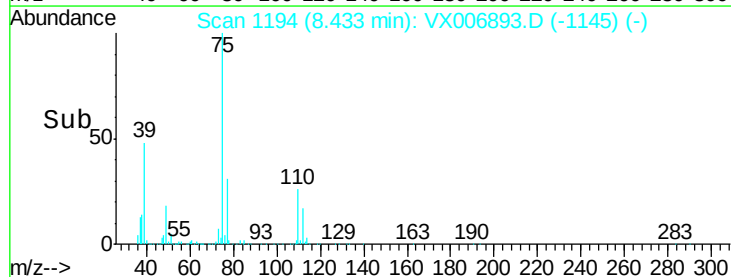
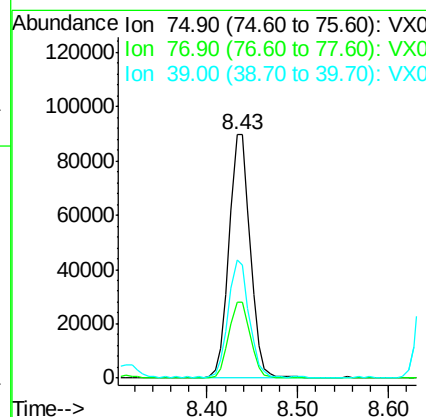
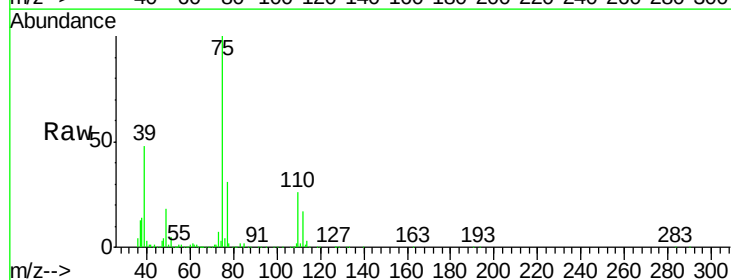
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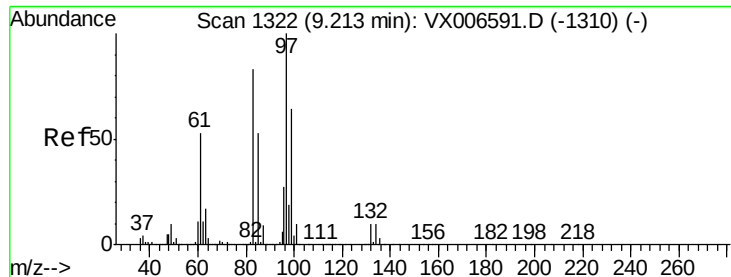
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 20.688 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX006893.D
Acq: 03 Jan 2019 14:32

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.0	26.2	39.2
39	48.2	36.7	55.1





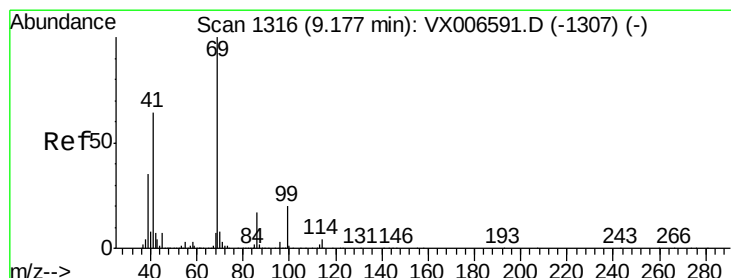
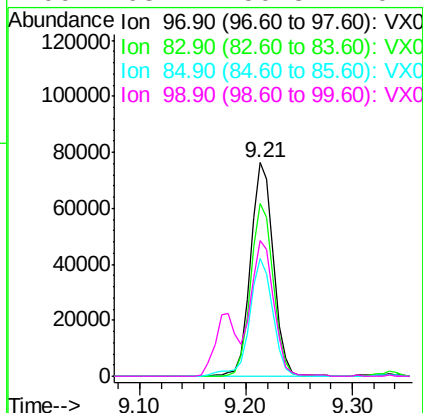
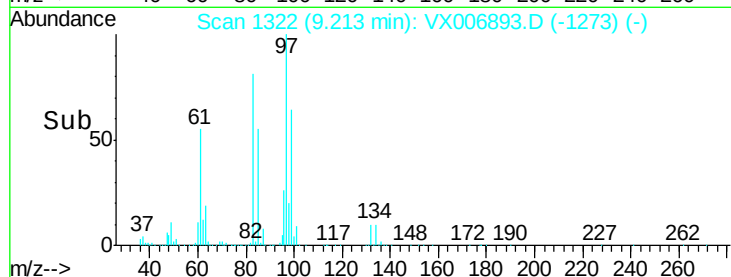
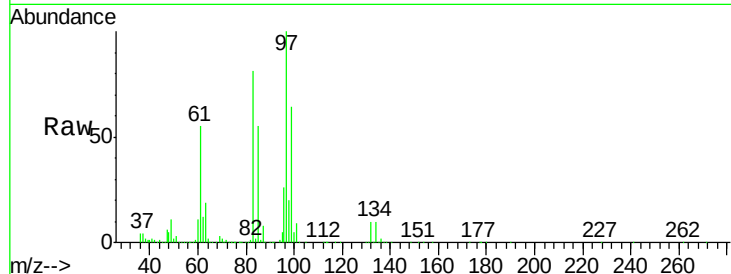
#55
 1,1,2-Trichloroethane
 Concen: 21.512 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX006893.D
 Acq: 03 Jan 2019 14:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0103WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		115278		
83	80.5	66.6	99.8		
85	55.1	42.7	64.1		
99	63.7	50.8	76.2		

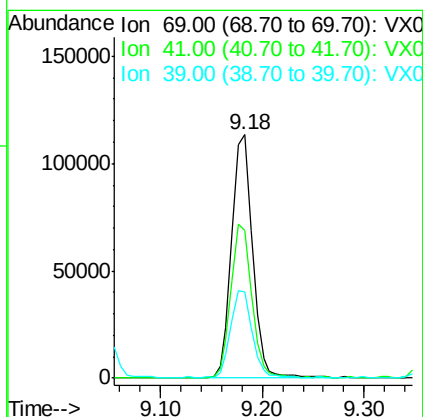
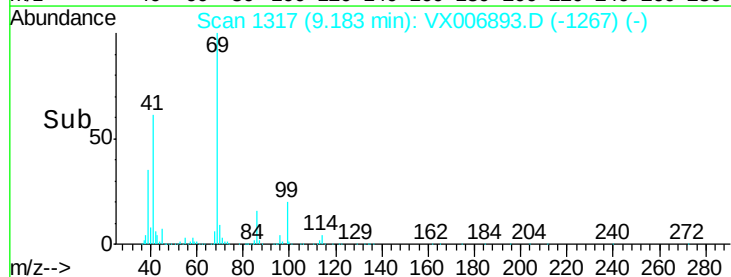
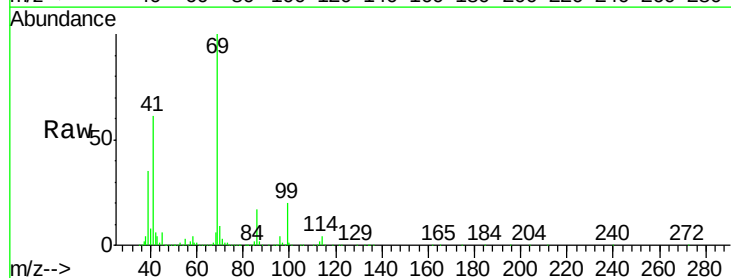
Manual Integrations
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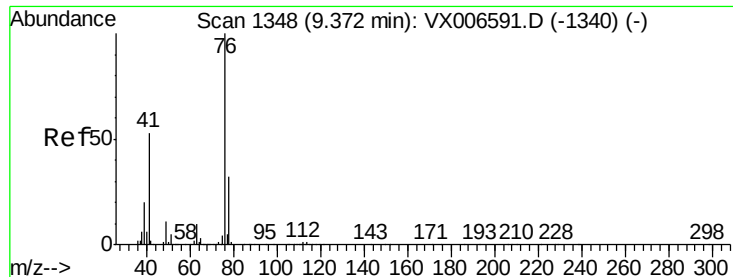
MMDadoda
 1/4/2019 10:01:25 AM



#56
 Ethyl methacrylate
 Concen: 21.367 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.01 min
 Lab File: VX006893.D
 Acq: 03 Jan 2019 14:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		161835		
41	62.9	48.7	73.1		
39	36.6	27.0	40.6		





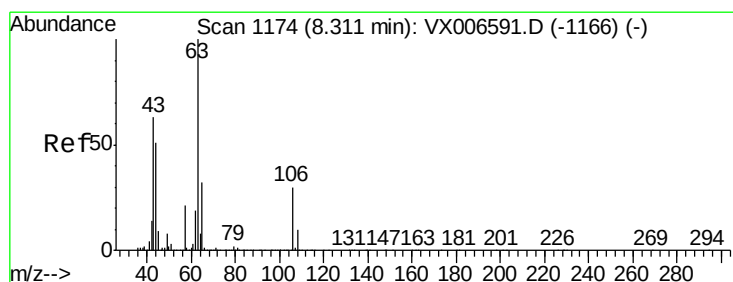
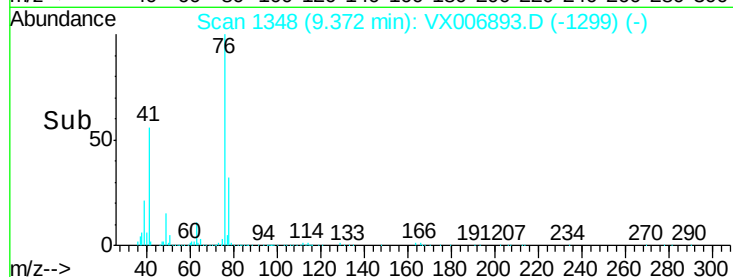
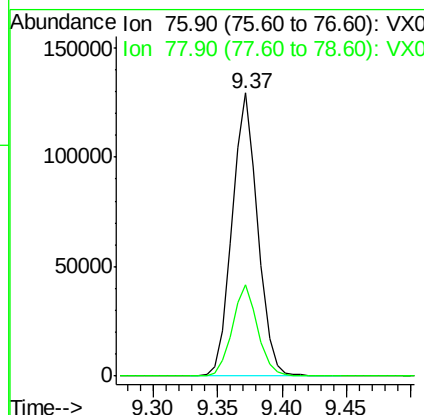
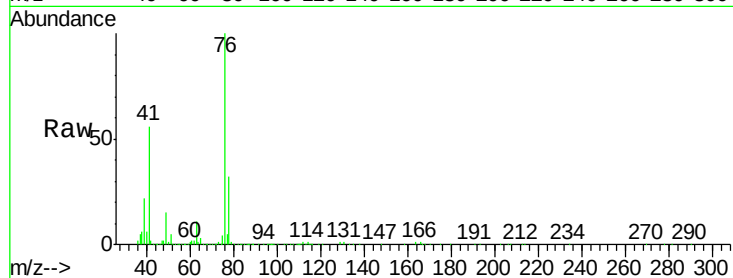
#57
 1,3-Dichloropropane
 Concen: 20.942 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX006893.D
 Acq: 03 Jan 2019 14:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0103WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	26.0	39.0

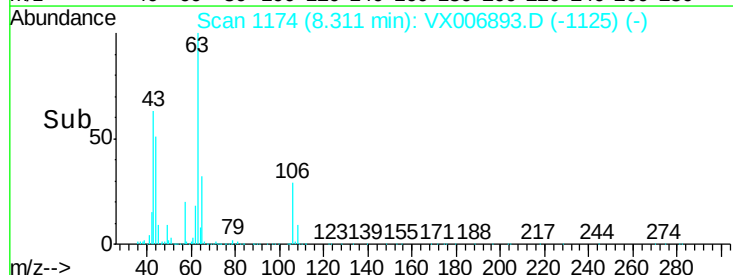
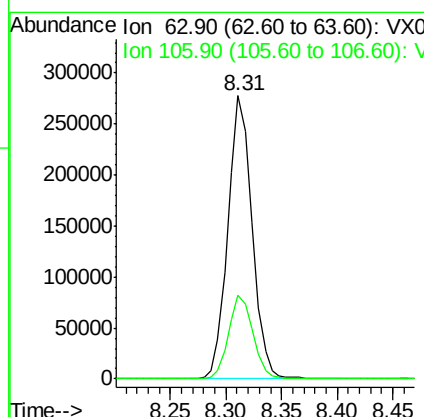
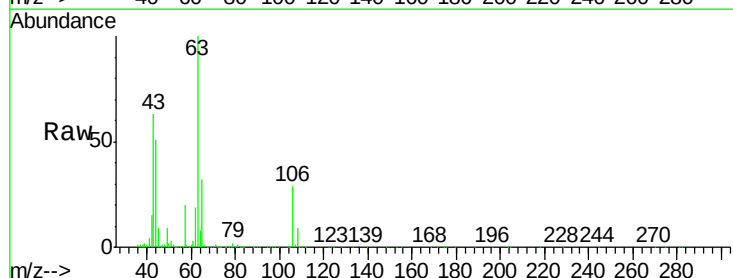
Manual Integrations
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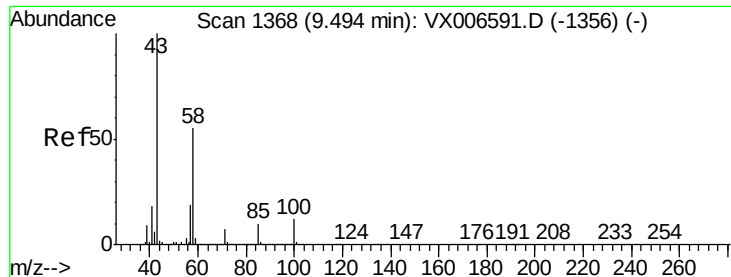
MMDadoda
 1/4/2019 10:01:25 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 103.820 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX006893.D
 Acq: 03 Jan 2019 14:32

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.0	24.6	36.8





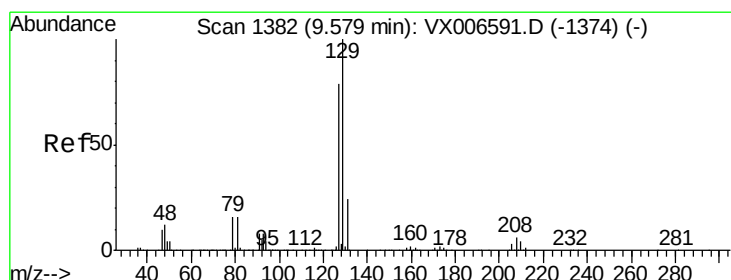
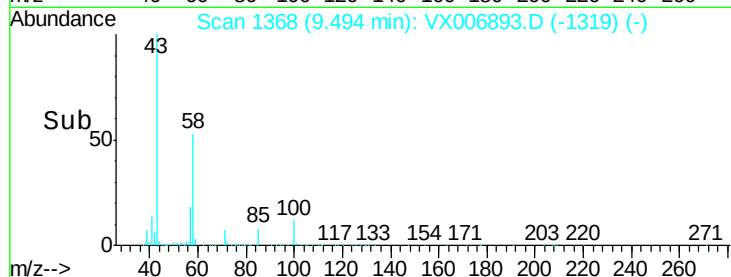
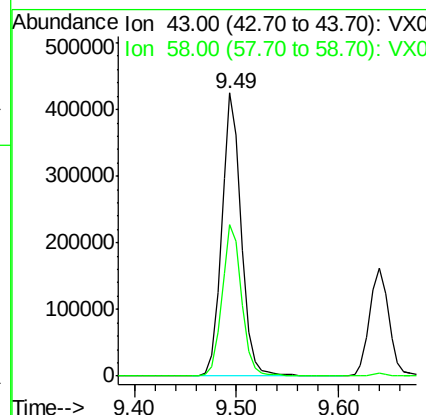
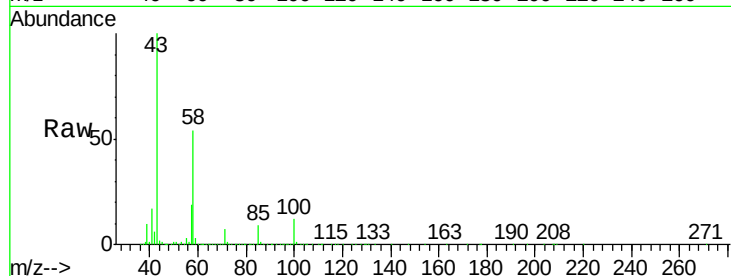
#59
2-Hexanone
Concen: 110.789 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX006893.D
Acq: 03 Jan 2019 14:32

Instrument :
MSVOA_X
ClientSampleId :
VX0103WBSD01

Tot Ion: 43 Resp: 569432
Ion Ratio Lower Upper
43 100
58 53.8 27.7 83.1

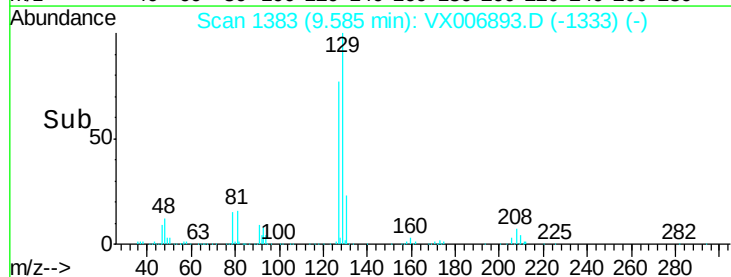
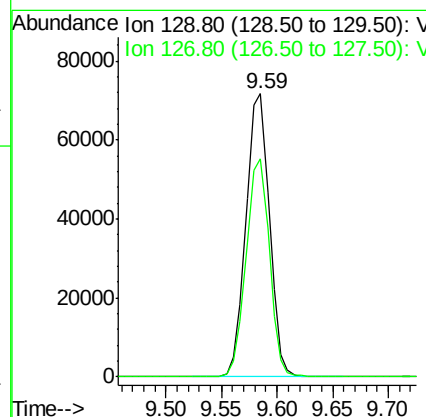
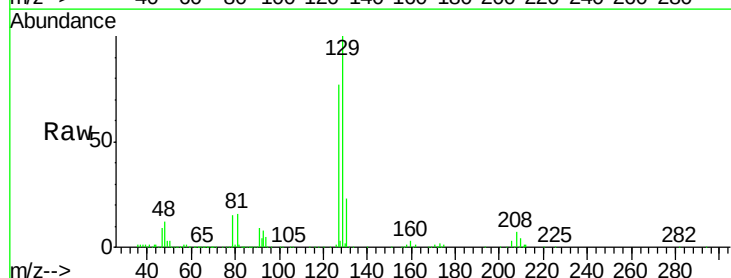
Manual Integrations
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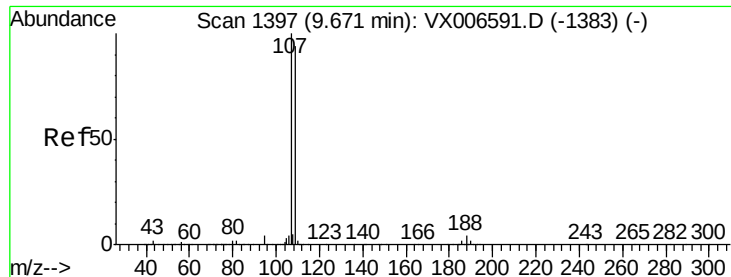
MMDadoda
1/4/2019 10:01:25 AM



#60
Dibromochloromethane
Concen: 20.223 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX006893.D
Acq: 03 Jan 2019 14:32

Tgt Ion: 129 Resp: 105208
Ion Ratio Lower Upper
129 100
127 76.8 39.3 117.8





#61

1,2-Dibromoethane

Concen: 20.599 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX006893.D

Acq: 03 Jan 2019 14:32

Instrument :

MSVOA_X

ClientSampleId :

VX0103WBSD01

Tot Ion: 107 Resp: 117343

Ion Ratio Lower Upper

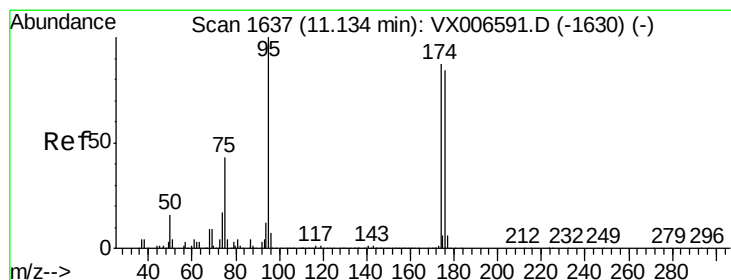
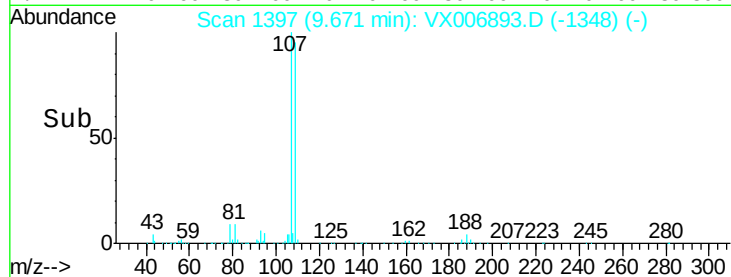
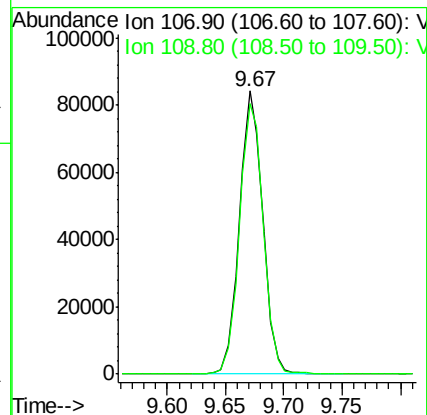
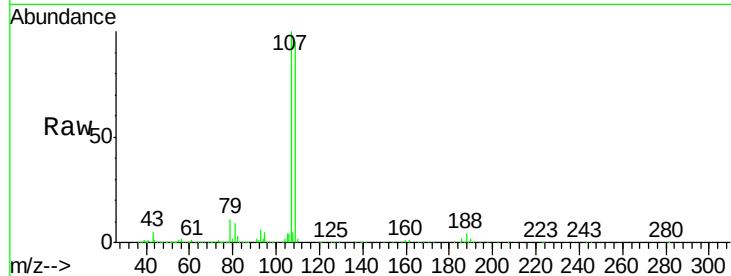
107 100

109 97.8 75.8 113.6

Manual Integrations
APPROVED

MMDadoda

1/4/2019 10:01:25 AM



#62

4-Bromofluorobenzene

Concen: 46.694 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX006893.D

Acq: 03 Jan 2019 14:32

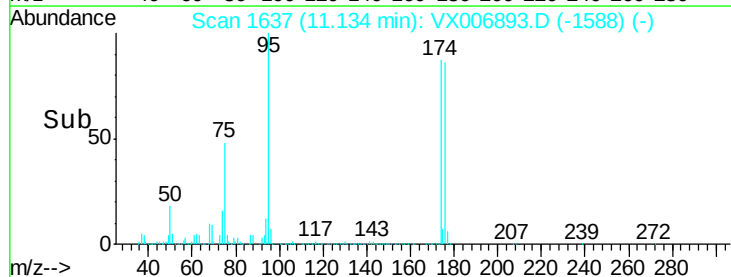
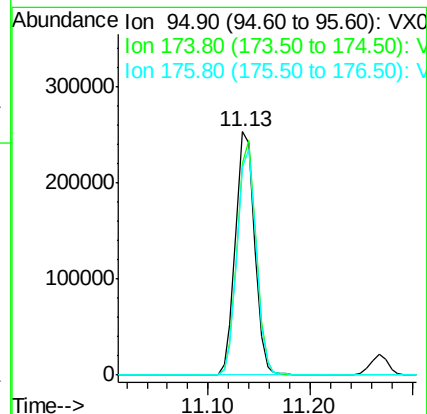
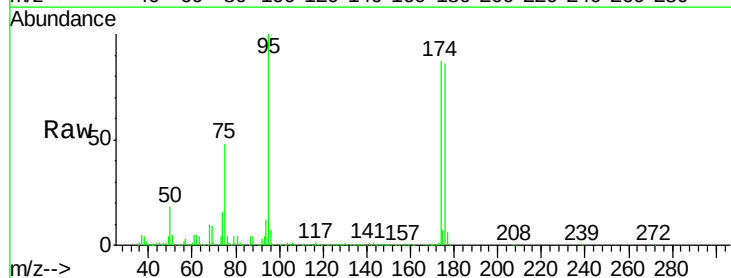
Tgt Ion: 95 Resp: 328184

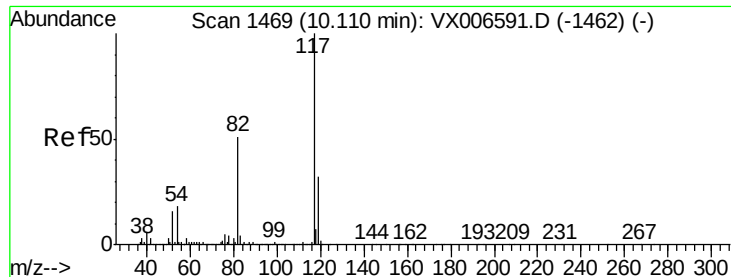
Ion Ratio Lower Upper

95 100

174 95.0 0.0 182.2

176 91.9 0.0 178.8





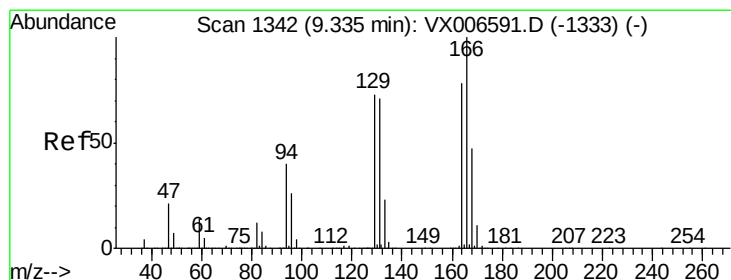
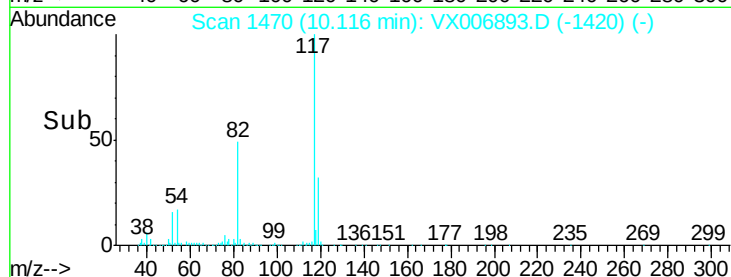
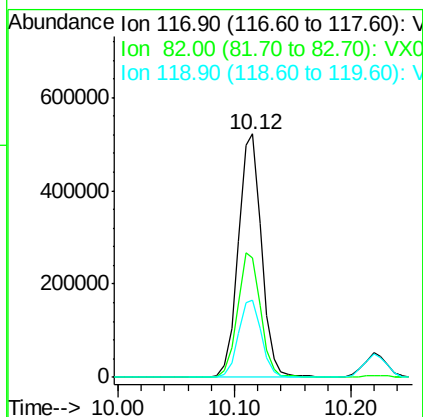
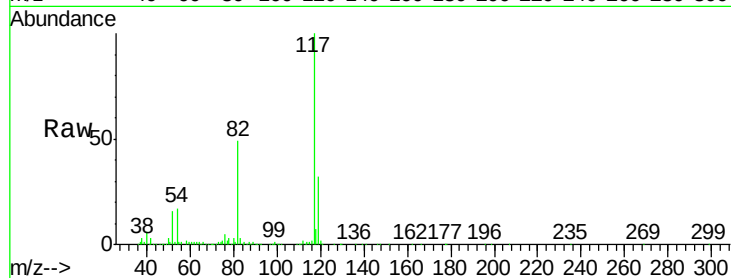
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX006893.D
Acq: 03 Jan 2019 14:32

Instrument :
MSVOA_X
ClientSampled :
VX0103WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	723913		
82	48.8		41.0	61.6
119	31.6		25.4	38.0

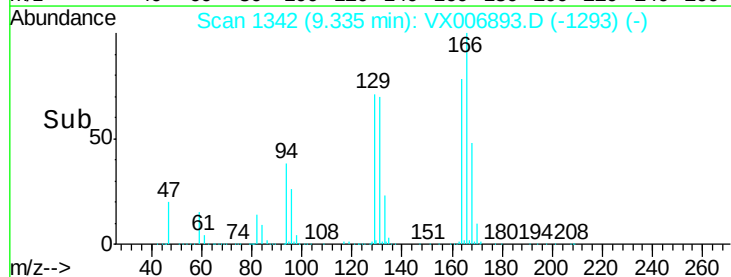
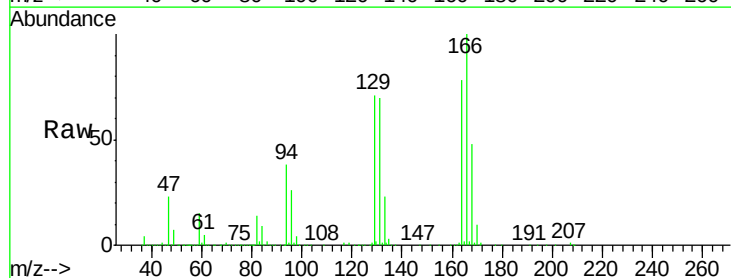
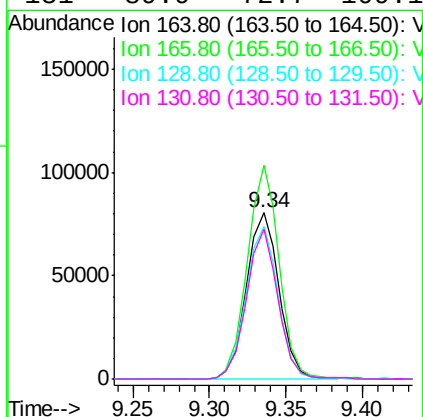
Manual Integrations
APPROVED

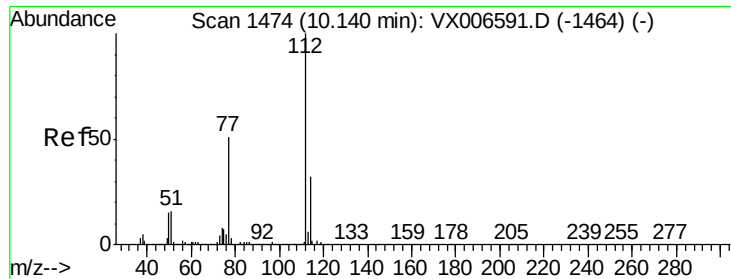
MMDadoda
1/4/2019 10:01:25 AM



#64
Tetrachloroethene
Concen: 20.835 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006893.D
Acq: 03 Jan 2019 14:32

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	119435		
166	128.6		102.5	153.7
129	91.6		75.1	112.7
131	89.9		72.7	109.1





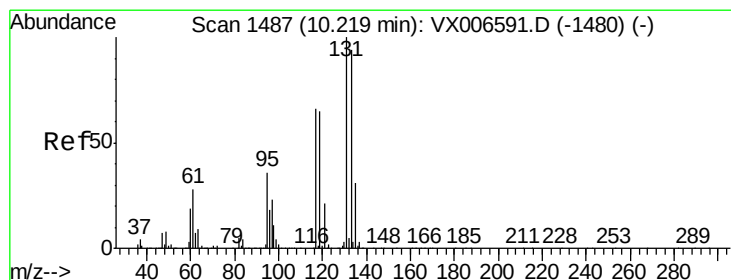
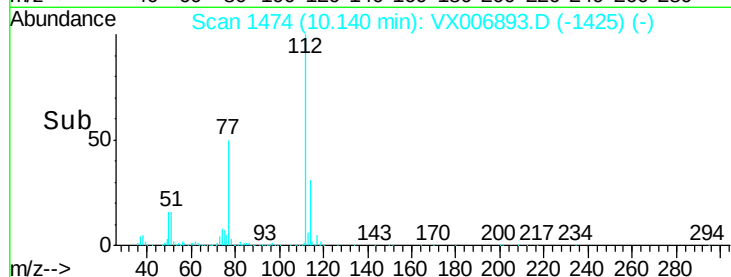
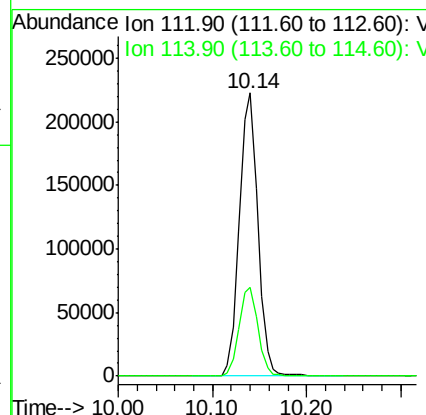
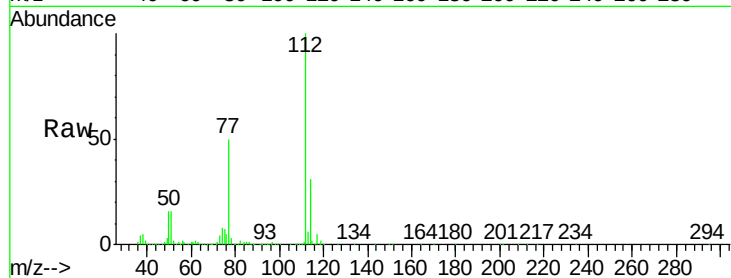
#65
Chlorobenzene
Concen: 19.876 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX006893.D
Acq: 03 Jan 2019 14:32

Instrument :
MSVOA_X
ClientSampleId :
VX0103WBSD01

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.5	25.7	38.5

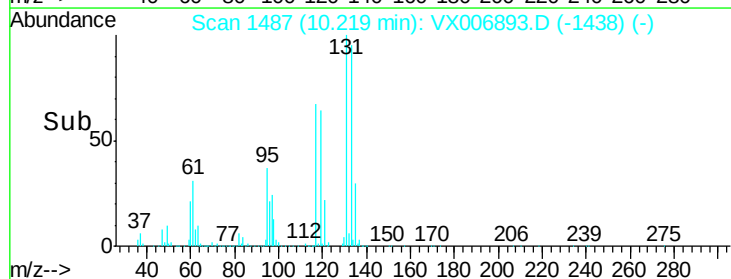
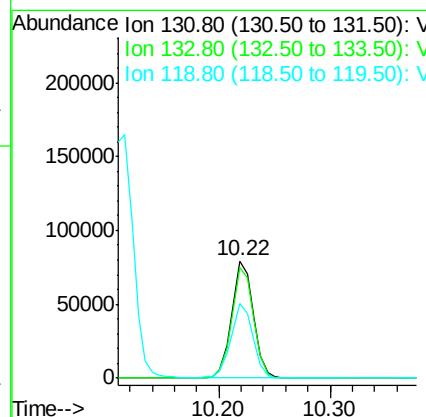
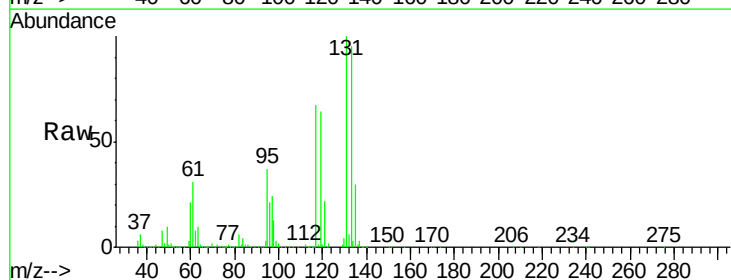
Manual Integrations
APPROVED

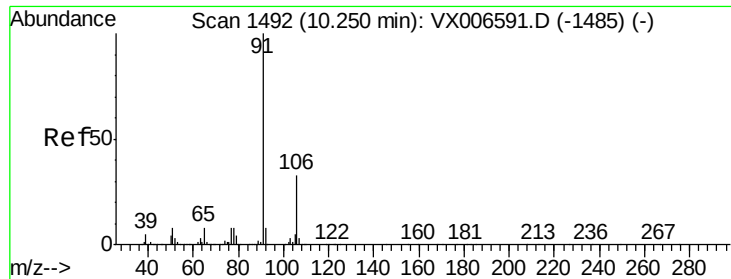
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#66
1,1,1,2-Tetrachloroethane
Concen: 22.271 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX006893.D
Acq: 03 Jan 2019 14:32

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.9	48.0	144.2
119	64.2	32.6	97.8





#67

Ethyl Benzene

Concen: 19.712 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX006893.D

Acq: 03 Jan 2019 14:32

Instrument :

MSVOA_X

ClientSampleId :

VX0103WBSD01

Tot Ion: 91 Resp: 493315

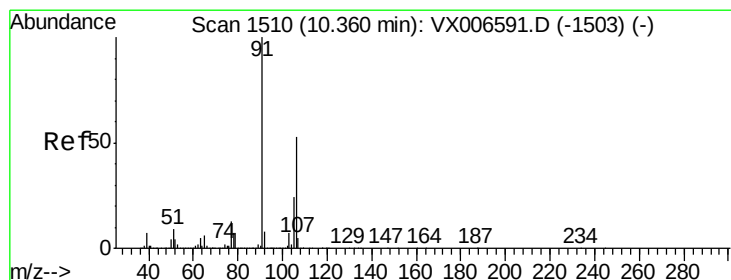
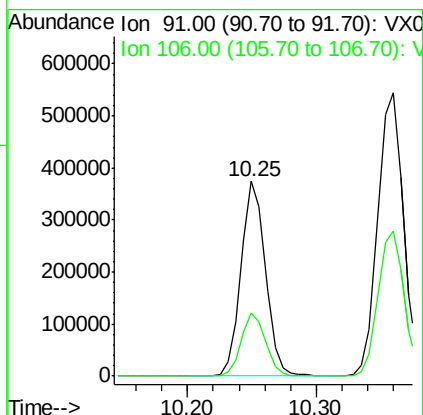
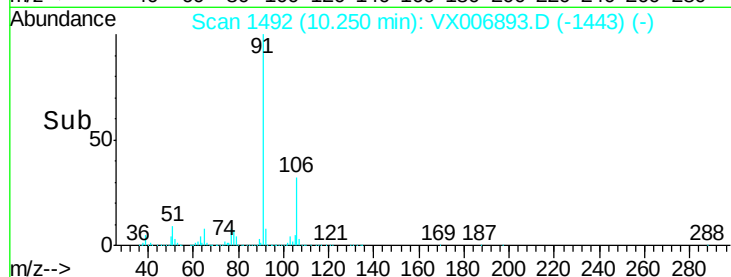
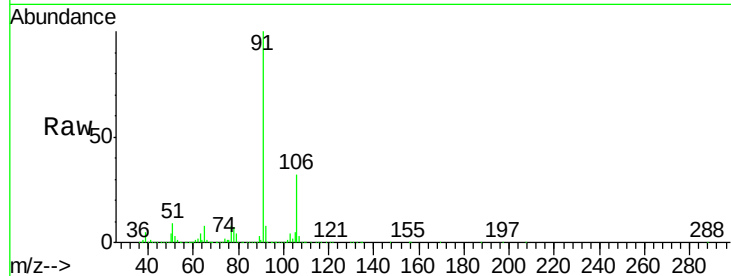
Ion Ratio Lower Upper

91 100

106 32.3 26.4 39.6

Manual Integrations
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#68

m/p-Xylenes

Concen: 39.168 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX006893.D

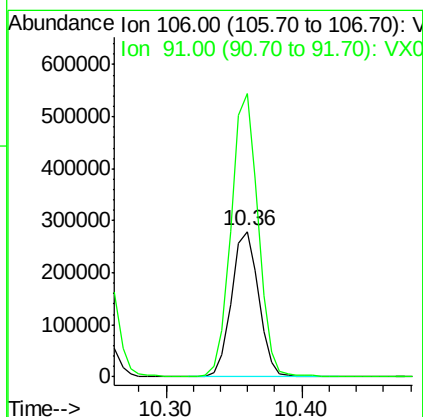
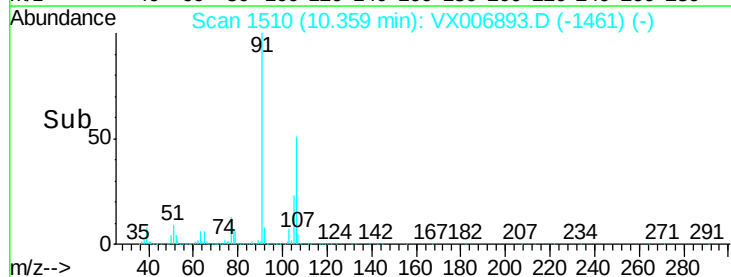
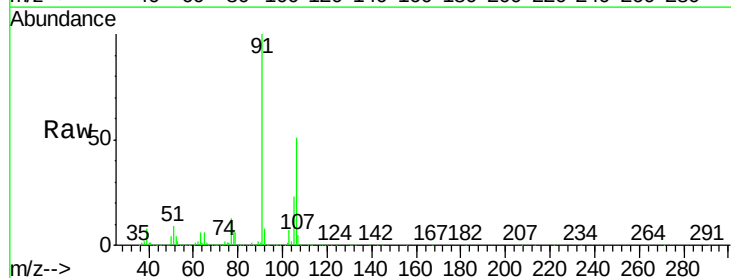
Acq: 03 Jan 2019 14:32

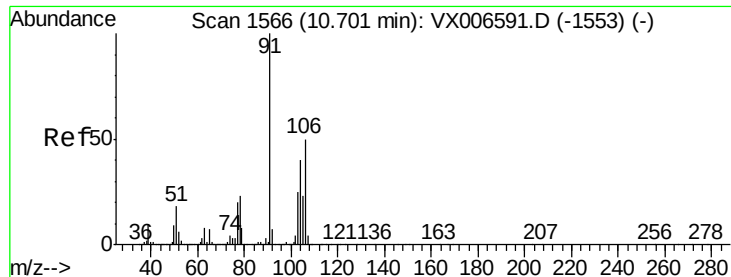
Tgt Ion: 106 Resp: 386789

Ion Ratio Lower Upper

106 100

91 194.2 155.8 233.6





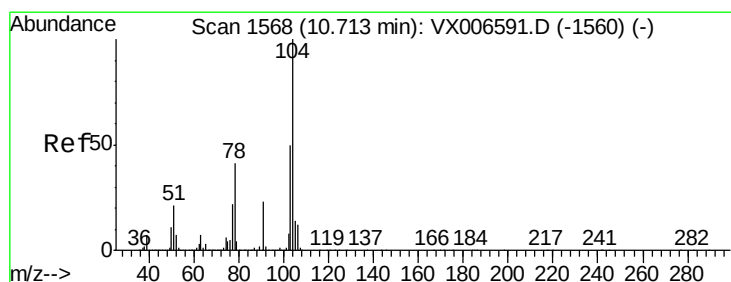
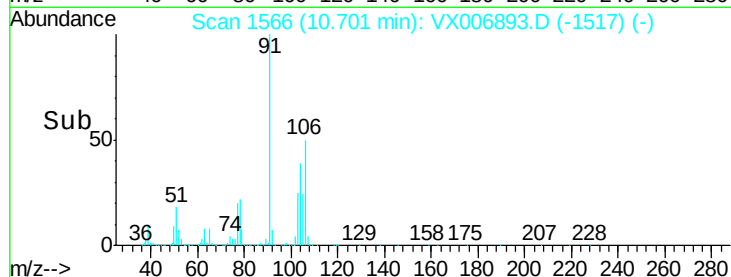
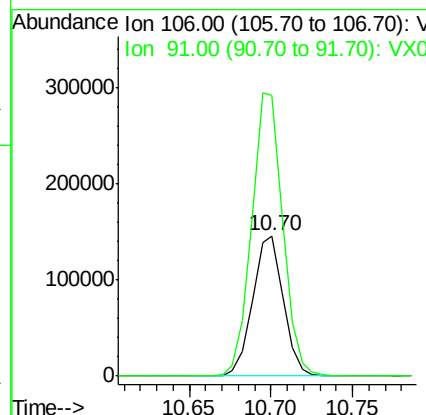
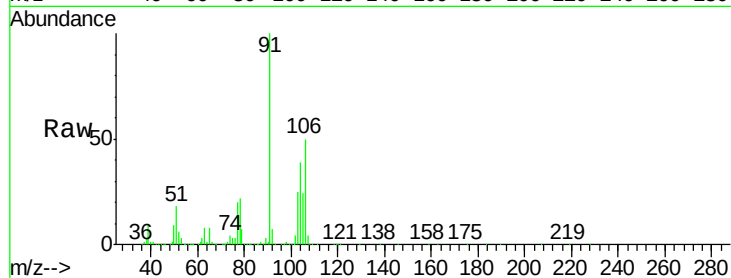
#69
o-Xylene
Concen: 19.695 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006893.D
Acq: 03 Jan 2019 14:32

Instrument :
MSVOA_X
ClientSampleId :
VX0103WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	192055		
91	91	205.2	101.3	303.7	

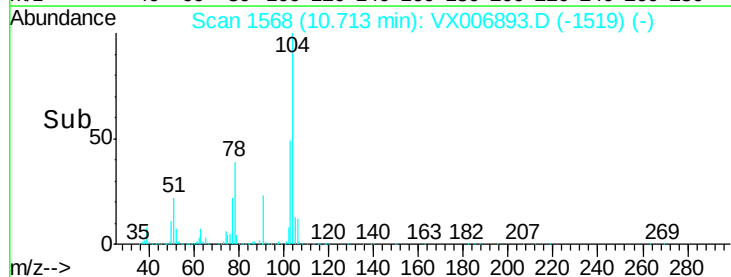
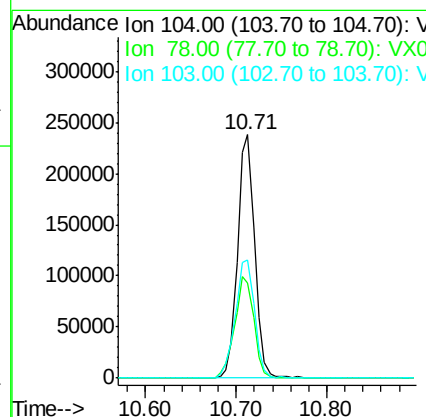
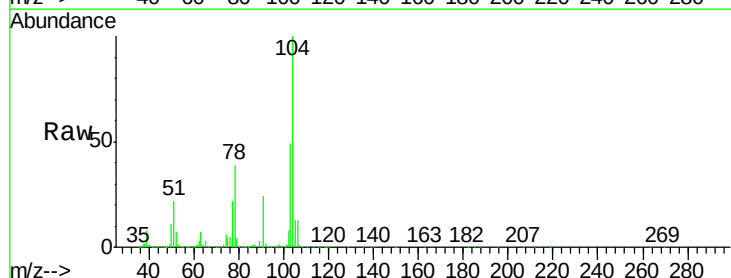
Manual Integrations
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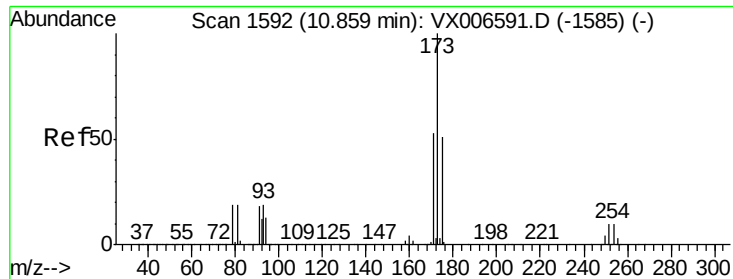
MMDadoda
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#70
Styrene
Concen: 20.232 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX006893.D
Acq: 03 Jan 2019 14:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	312126		
78	78	47.1	37.7	56.5	
103	103	55.2	43.8	65.8	





#71

Bromoform

Concen: 20.151 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006893.D

Acq: 03 Jan 2019 14:32

Instrument :

MSVOA_X

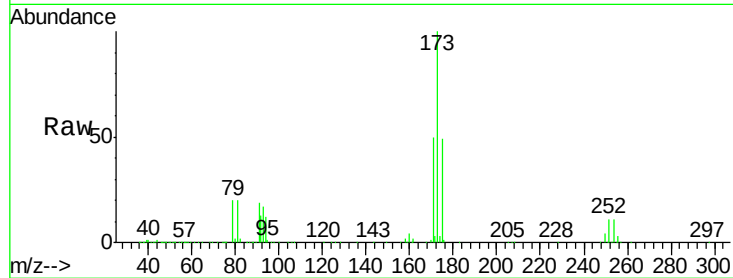
ClientSampled :

VX0103WBSD01

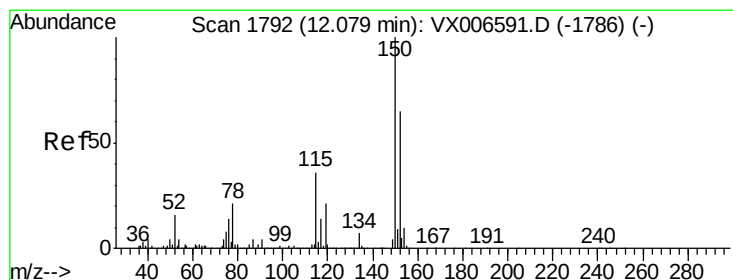
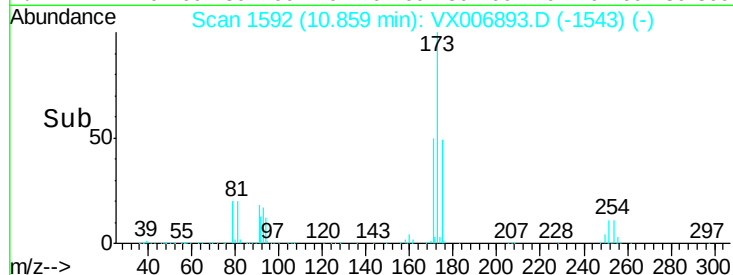
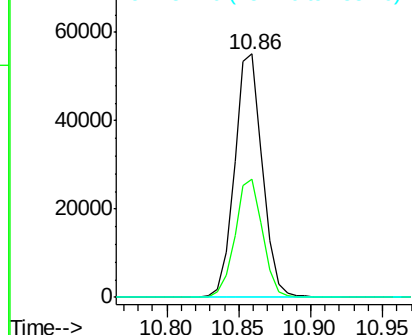
Tot Ion:	173	Resp:	74251
Ion Ratio	Lower	Upper	
173	100		
175	48.3	24.7	74.1
254	0.2	0.2	0.2

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

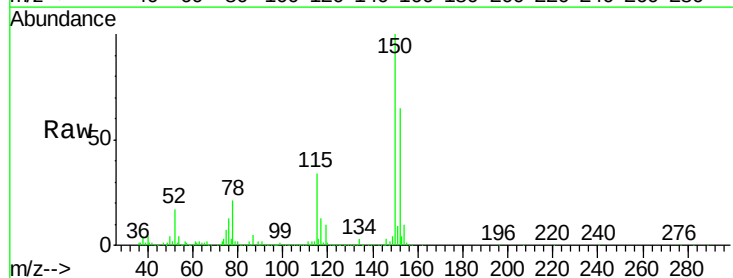
RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

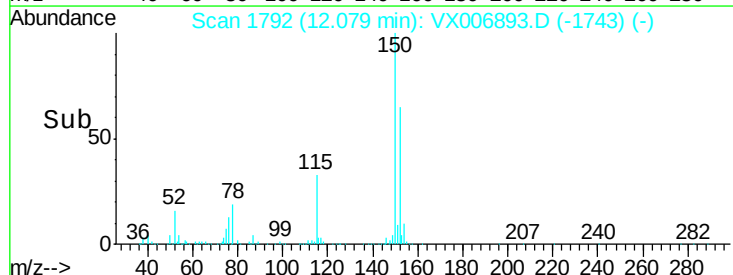
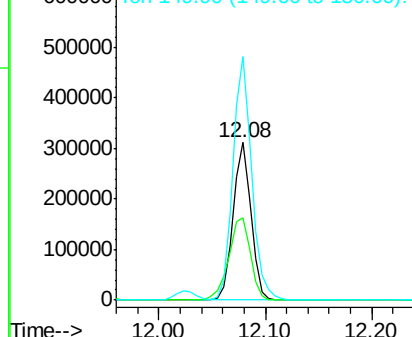
Lab File: VX006893.D

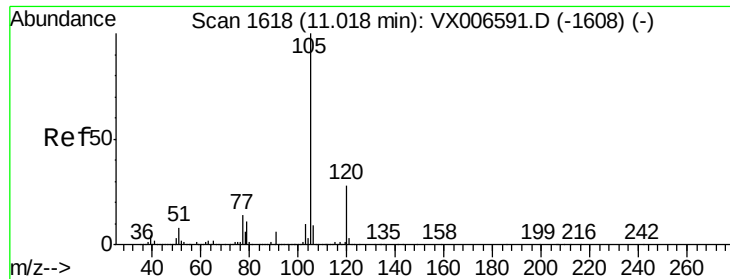
Acq: 03 Jan 2019 14:32

Tgt Ion:	152	Resp:	367368
Ion Ratio	Lower	Upper	
152	100		
115	63.3	39.1	117.2
150	162.0	0.0	344.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.066 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006893.D

Acq: 03 Jan 2019 14:32

Instrument :

MSVOA_X

ClientSampleId :

VX0103WBSD01

Tot Ion:105 Resp: 504311

Ion Ratio Lower Upper

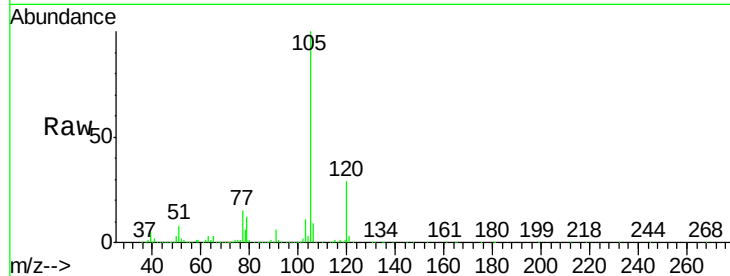
105 100

120 28.1 14.1 42.4

Manual Integrations
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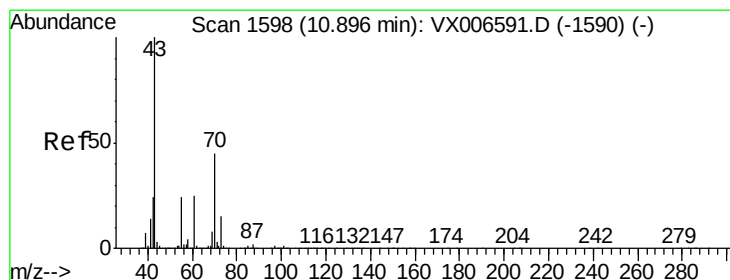
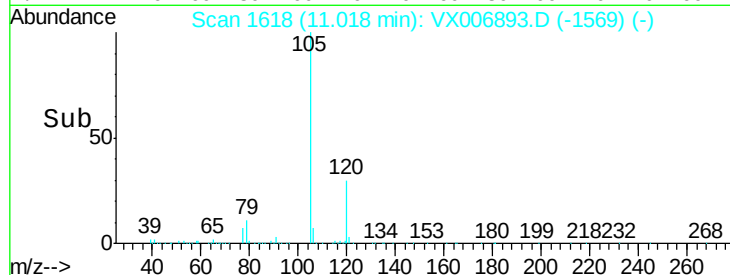
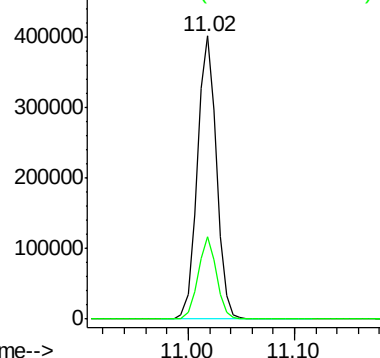
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 22.502 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX006893.D

Acq: 03 Jan 2019 14:32

Tgt Ion: 43 Resp: 202428

Ion Ratio Lower Upper

43 100

70 43.1 35.8 53.8

55 24.8 19.4 29.0

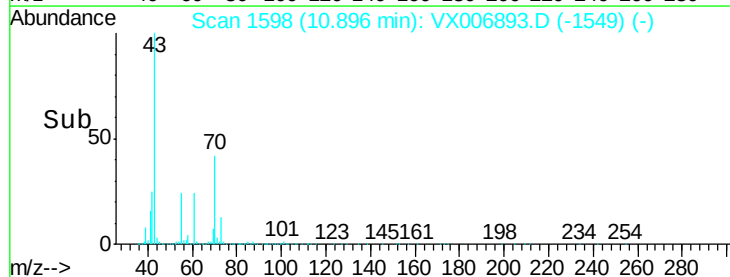
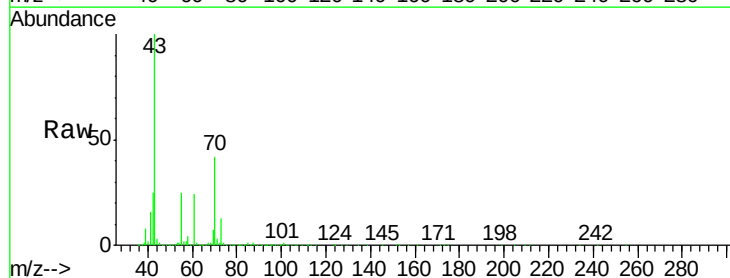
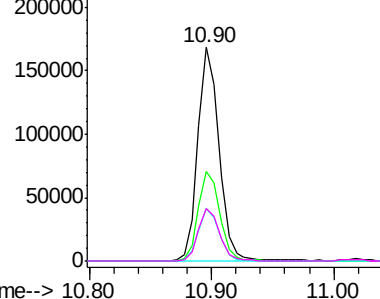
61 24.6 20.1 30.1

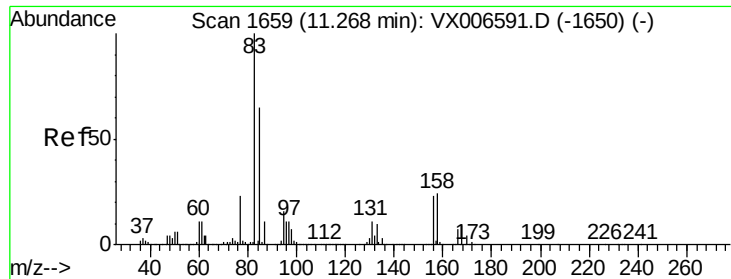
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.864 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX006893.D

Acq: 03 Jan 2019 14:32

Instrument :

MSVOA_X

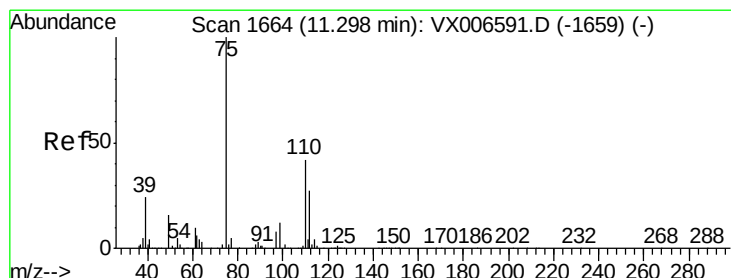
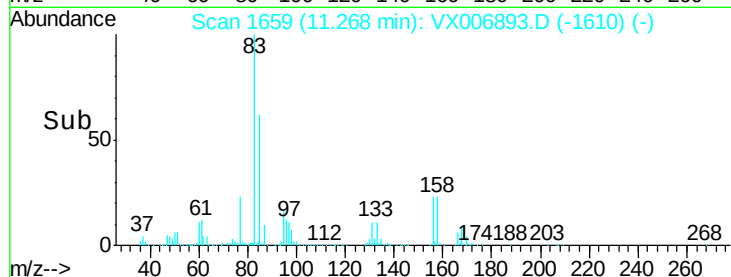
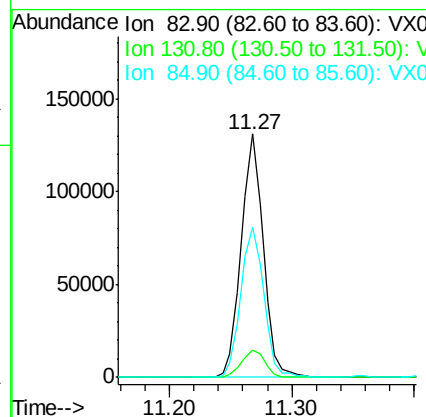
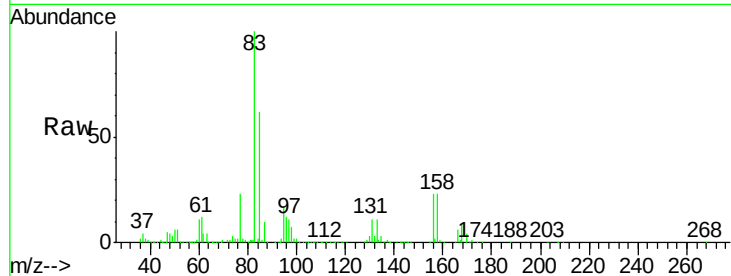
ClientSampled :

VX0103WBSD01

Tot Ion:	83	Resp:	163417
Ion Ratio	Lower	Upper	
83	100		
131	11.9	5.7	17.1
85	64.6	32.2	96.6

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 22.777 ug/l m

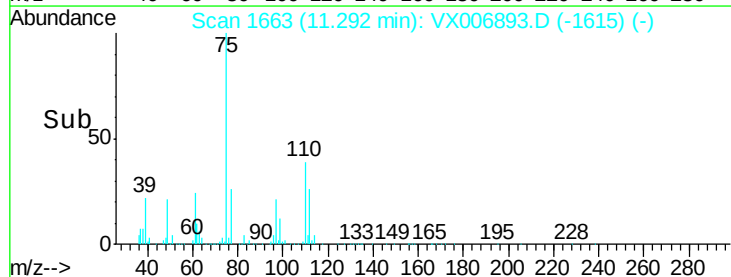
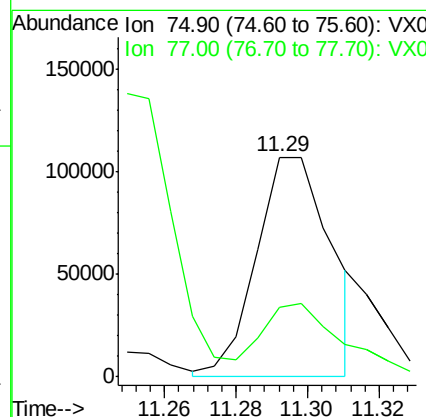
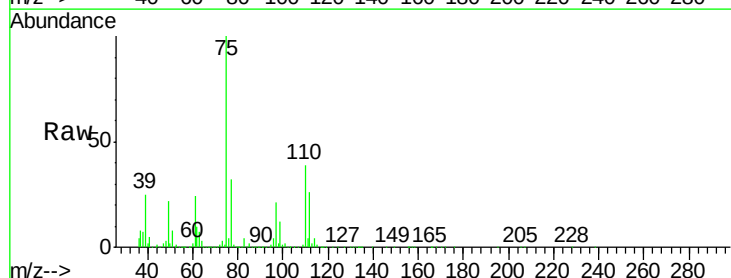
RT: 11.29 min Scan# 1663

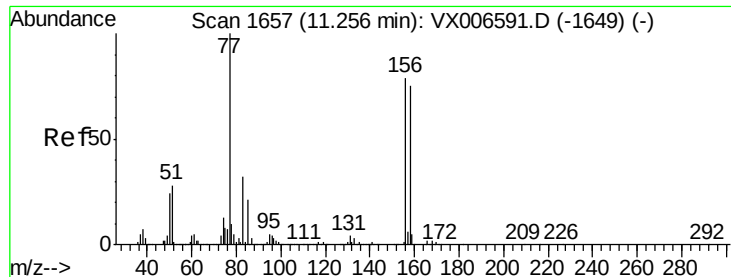
Delta R.T. -0.01 min

Lab File: VX006893.D

Acq: 03 Jan 2019 14:32

Tgt Ion:	75	Resp:	155502
Ion Ratio	Lower	Upper	
75	100		
77	36.0	18.5	55.5





#77

Bromobenzene

Concen: 20.312 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX006893.D

Acq: 03 Jan 2019 14:32

Instrument :

MSVOA_X

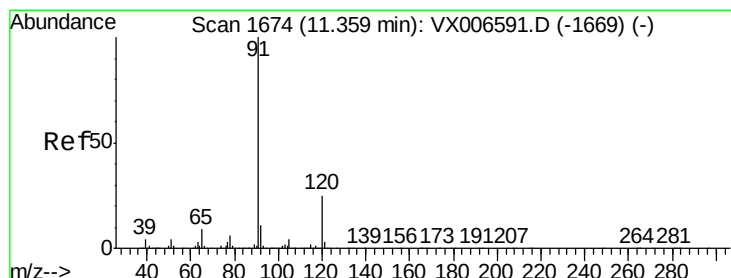
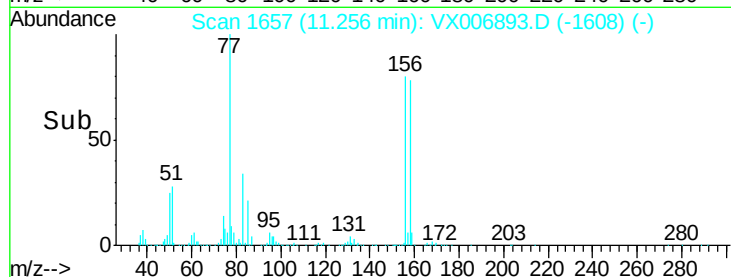
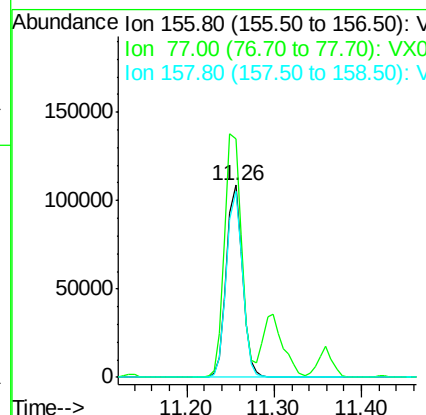
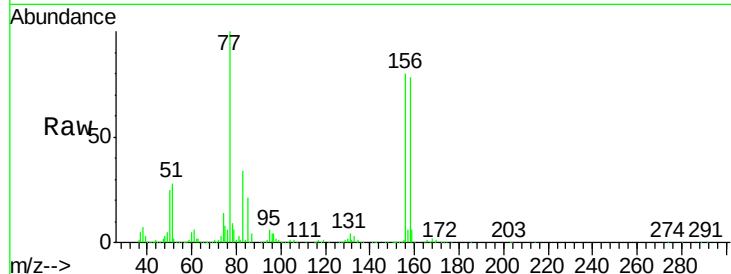
ClientSampleId :

VX0103WBSD01

Tot Ion	Ratio	Lower	Upper
156	100		
77	134.7	68.0	204.0
158	97.3	48.3	144.8

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#78

n-propylbenzene

Concen: 20.156 ug/l

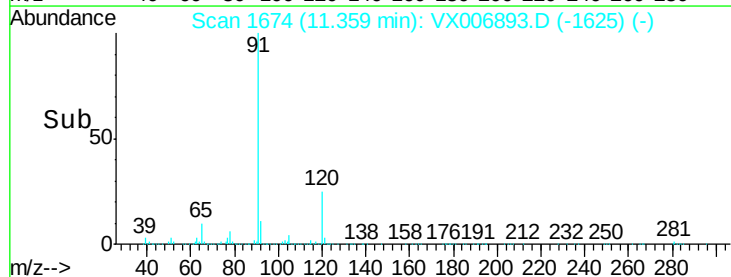
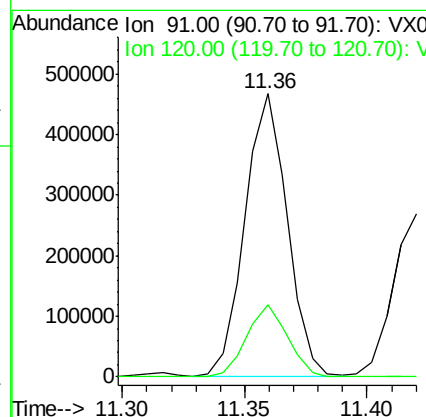
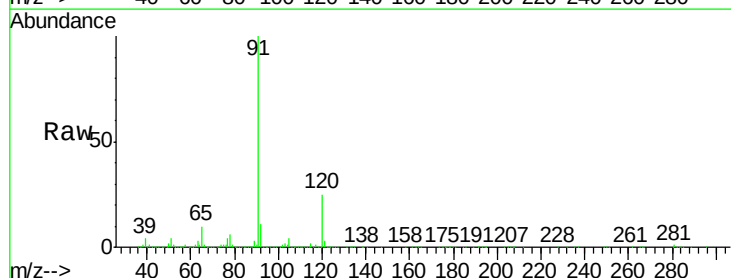
RT: 11.36 min Scan# 1674

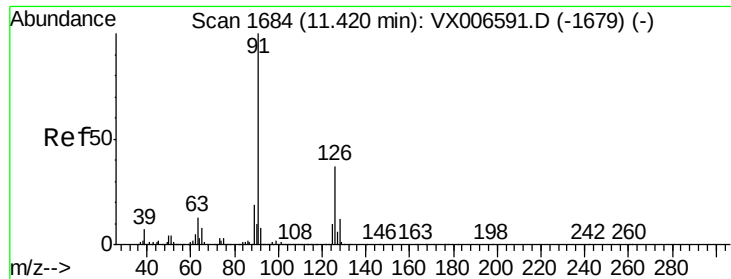
Delta R.T. -0.00 min

Lab File: VX006893.D

Acq: 03 Jan 2019 14:32

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.8	12.7	38.0





#79

2-Chlorotoluene

Concen: 19.808 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX006893.D

Acq: 03 Jan 2019 14:32

Instrument :

MSVOA_X

ClientSampleId :

VX0103WBSD01

Tot Ion: 91 Resp: 332223

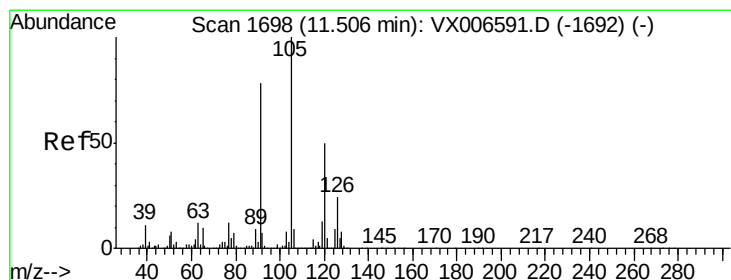
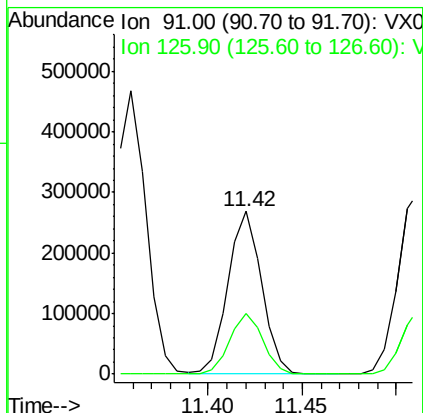
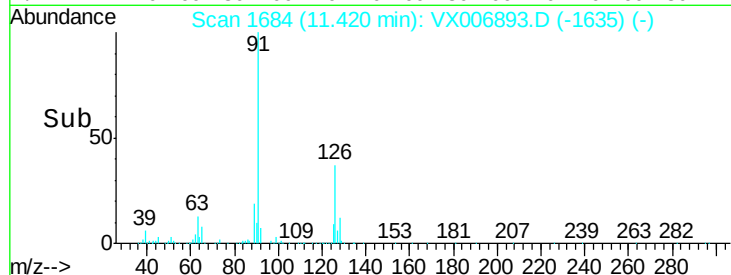
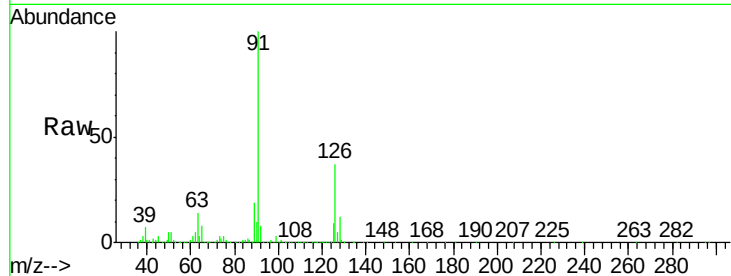
Ion Ratio Lower Upper

91 100

126 37.0 18.6 56.0

Manual Integrations
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#80

1,3,5-Trimethylbenzene

Concen: 19.849 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX006893.D

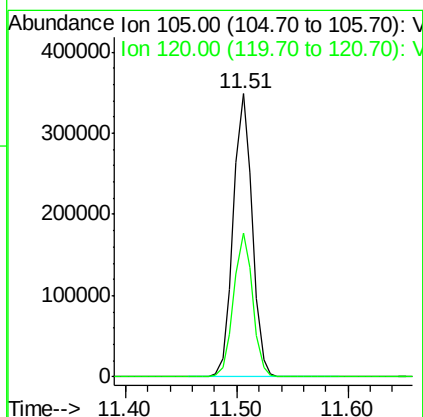
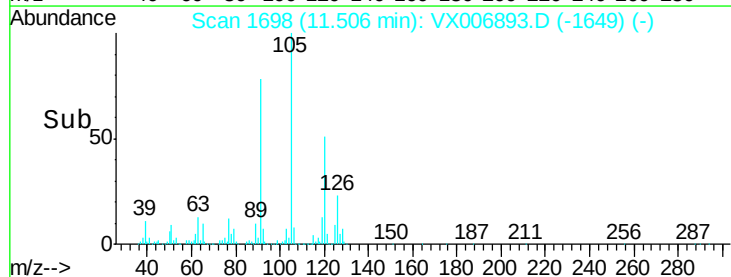
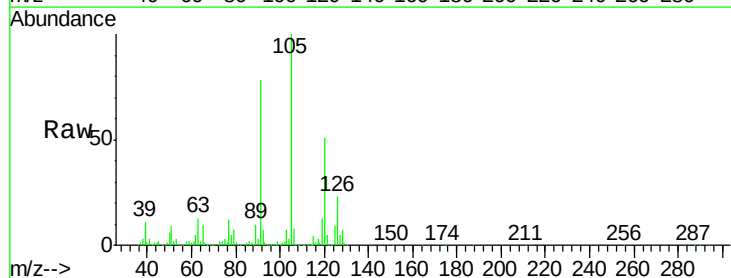
Acq: 03 Jan 2019 14:32

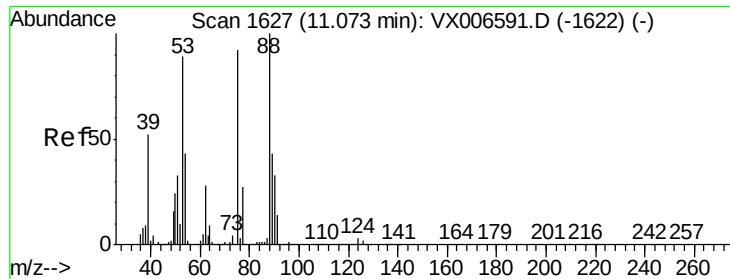
Tgt Ion: 105 Resp: 410886

Ion Ratio Lower Upper

105 100

120 50.9 25.1 75.3





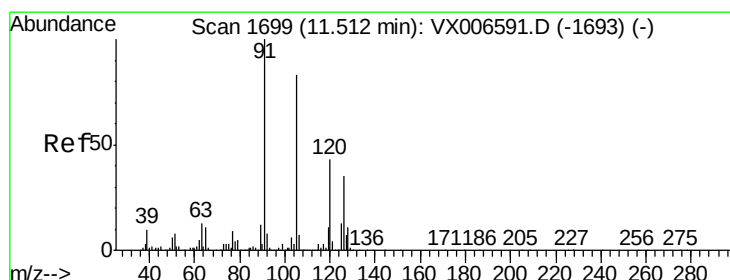
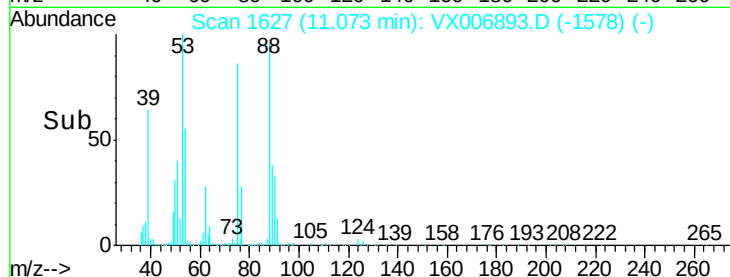
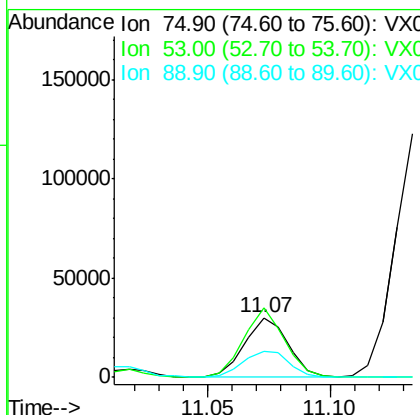
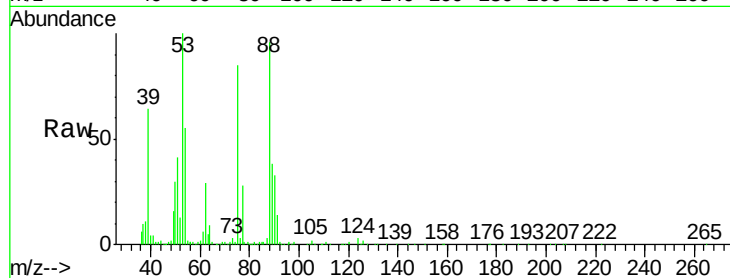
#81
trans-1,4-Dichloro-2-butene
Concen: 19.394 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX006893.D
Acq: 03 Jan 2019 14:32

Instrument :
MSVOA_X
ClientSampleId :
VX0103WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	110.8	79.7	119.5
89	47.9	38.0	57.0

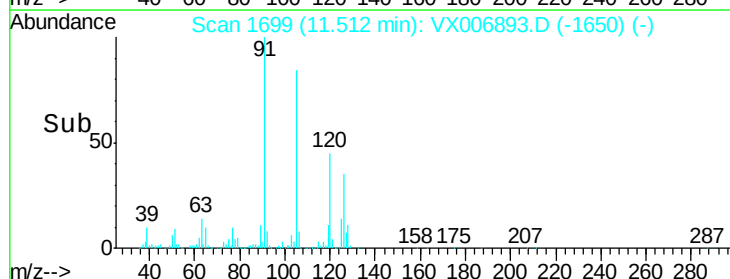
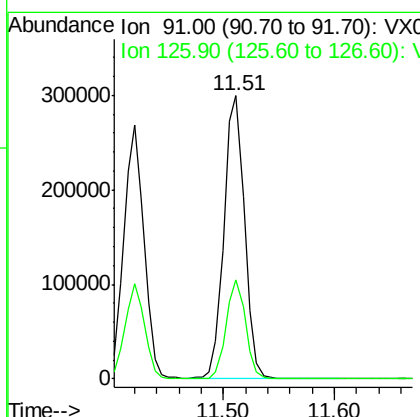
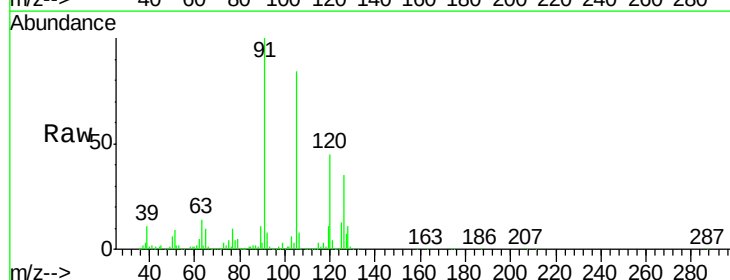
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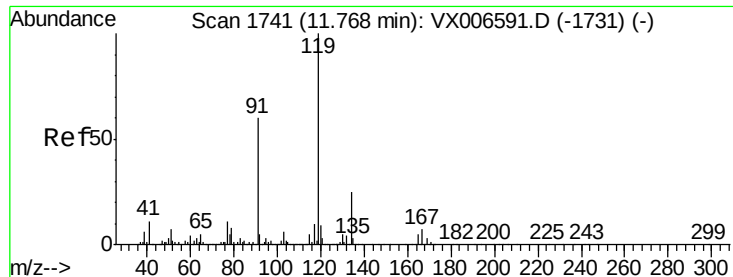
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#82
4-Chlorotoluene
Concen: 19.922 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX006893.D
Acq: 03 Jan 2019 14:32

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.1	16.3	48.9





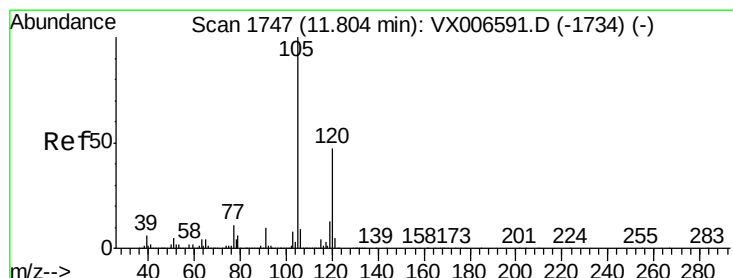
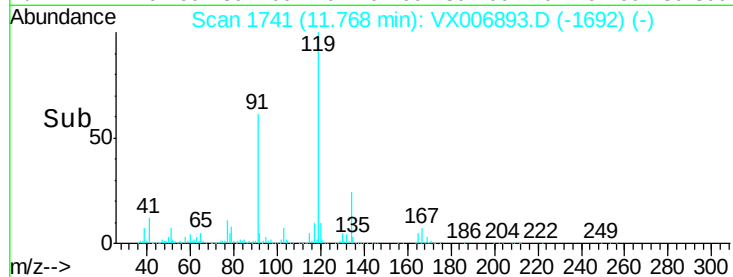
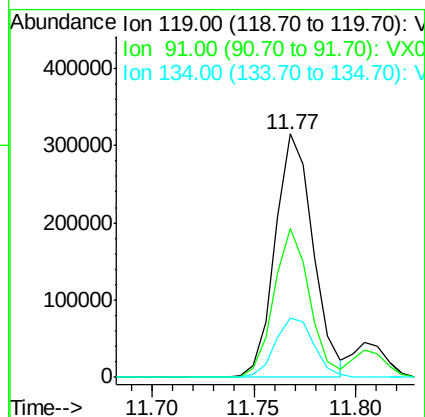
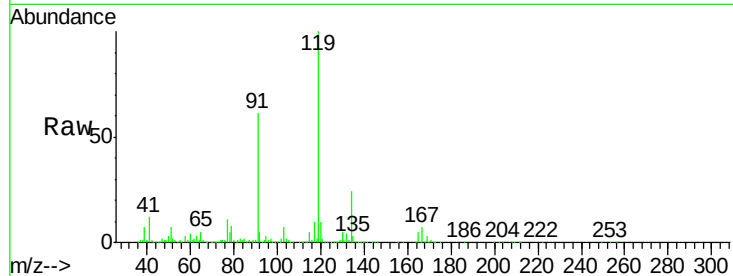
#83
 tert-Butylbenzene
 Concen: 19.740 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX006893.D
 Acq: 03 Jan 2019 14:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0103WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	408973		
91	57.3		27.7	83.1
134	25.0		11.9	35.5

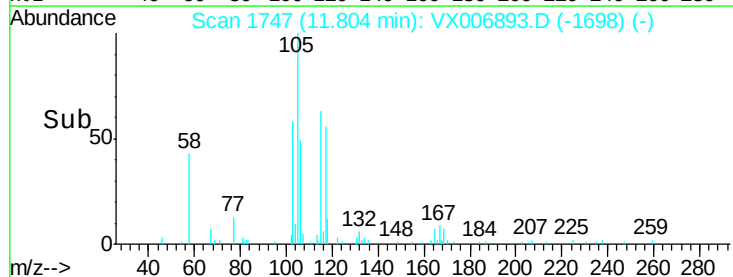
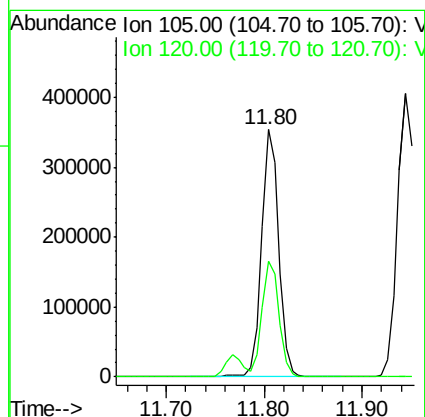
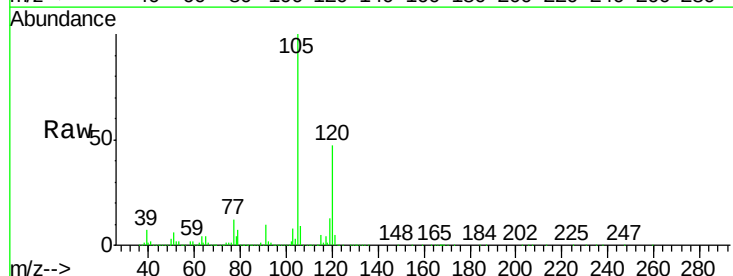
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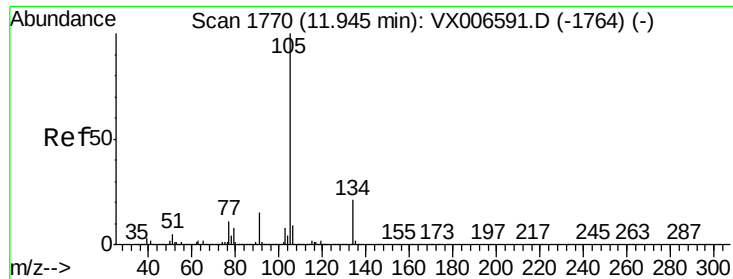
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.602 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX006893.D
 Acq: 03 Jan 2019 14:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	426801		
120	46.5		23.2	69.6





#85

sec-Butylbenzene

Concen: 19.540 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX006893.D

Acq: 03 Jan 2019 14:32

Instrument :

MSVOA_X

ClientSampleId :

VX0103WBSD01

Tot Ion:105 Resp: 496354

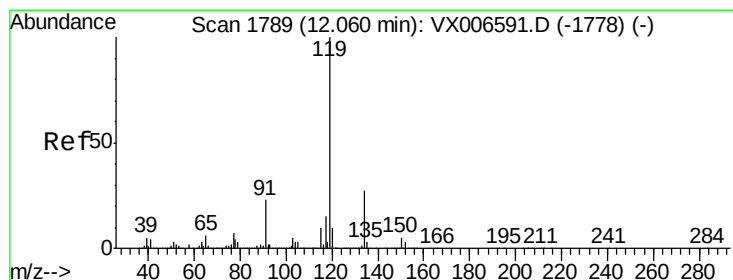
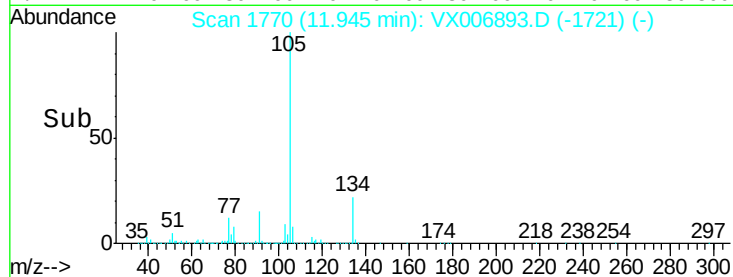
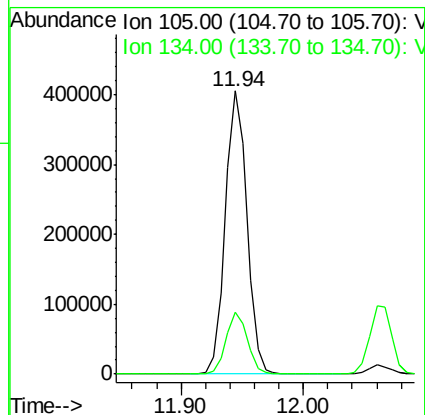
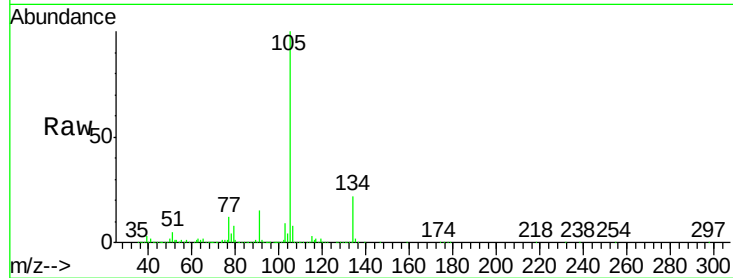
Ion Ratio Lower Upper

105 100

134 21.6 10.7 31.9

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#86

p-Isopropyltoluene

Concen: 19.952 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX006893.D

Acq: 03 Jan 2019 14:32

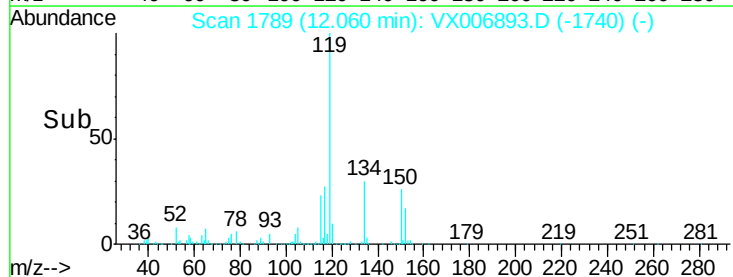
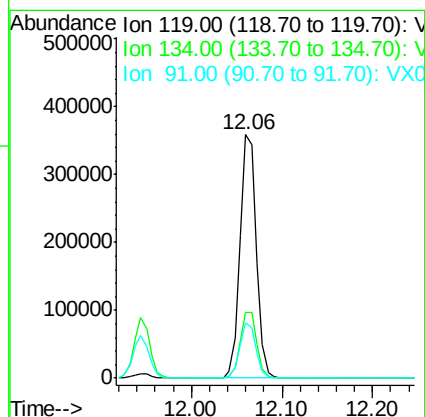
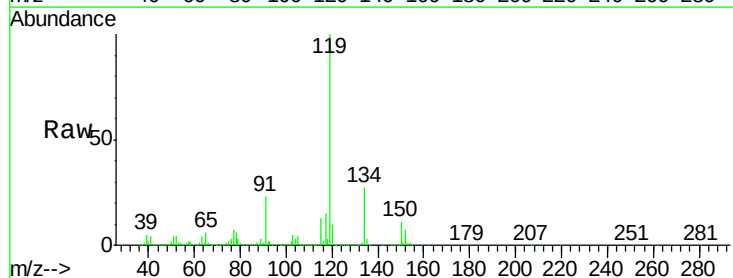
Tgt Ion:119 Resp: 445517

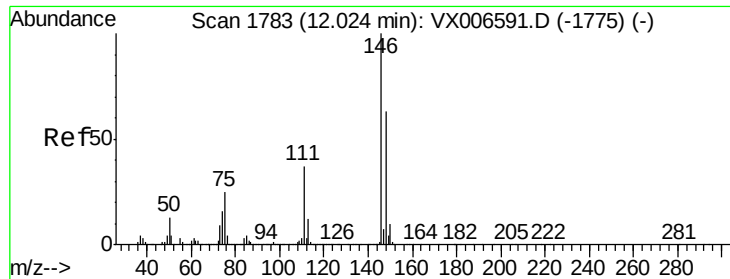
Ion Ratio Lower Upper

119 100

134 27.4 14.0 41.9

91 22.8 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 19.538 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX006893.D

Acq: 03 Jan 2019 14:32

Instrument :

MSVOA_X

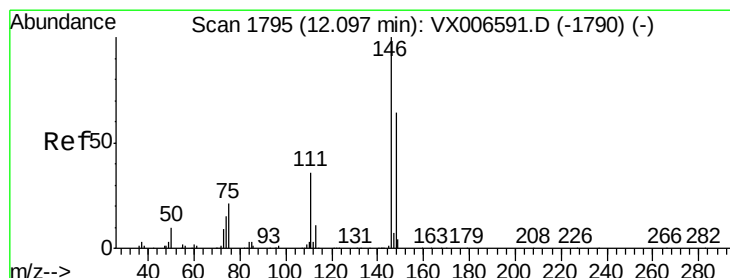
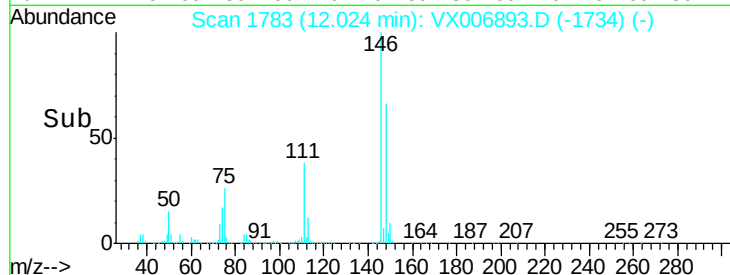
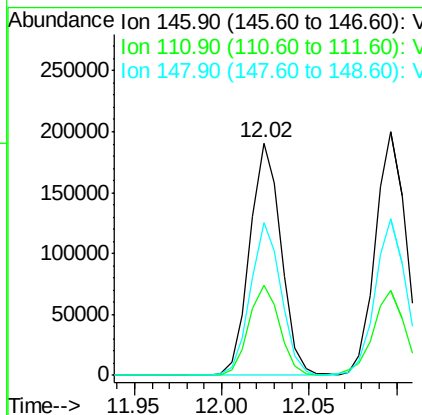
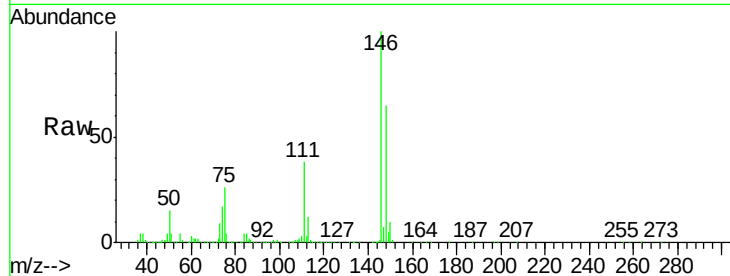
ClientSampleId :

VX0103WBSD01

Tot Ion:	146	Resp:	239251
Ion Ratio	Lower	Upper	
146	100		
111	38.4	18.6	55.8
148	64.6	31.8	95.3

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#88

1,4-Dichlorobenzene

Concen: 19.389 ug/l

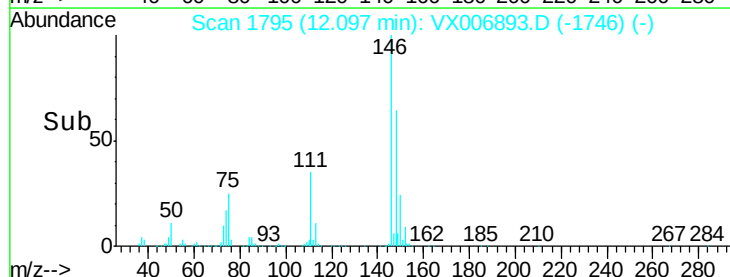
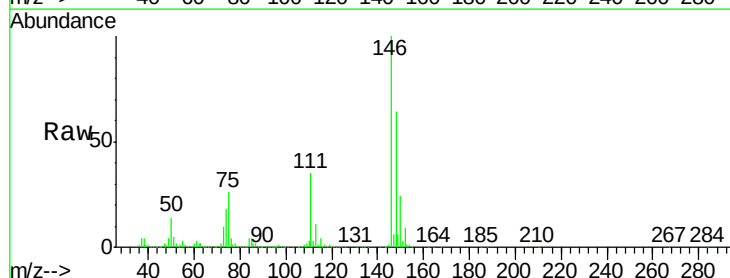
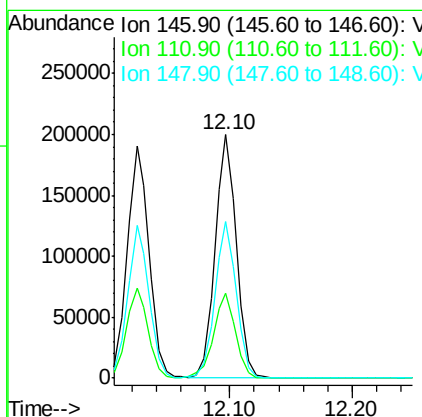
RT: 12.10 min Scan# 1795

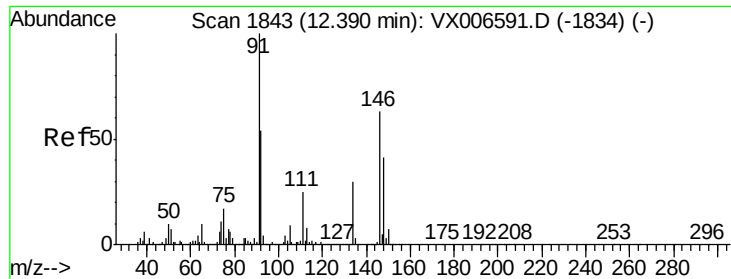
Delta R.T. -0.00 min

Lab File: VX006893.D

Acq: 03 Jan 2019 14:32

Tgt Ion:	146	Resp:	243404
Ion Ratio	Lower	Upper	
146	100		
111	36.1	18.1	54.1
148	64.3	31.9	95.9





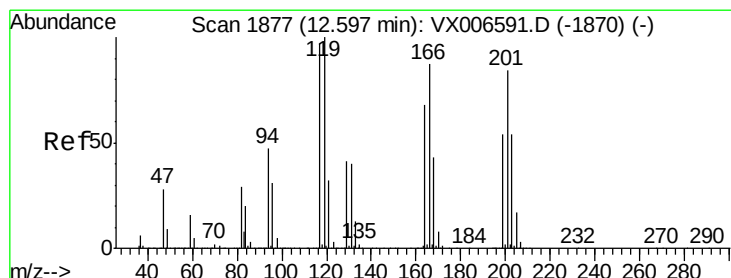
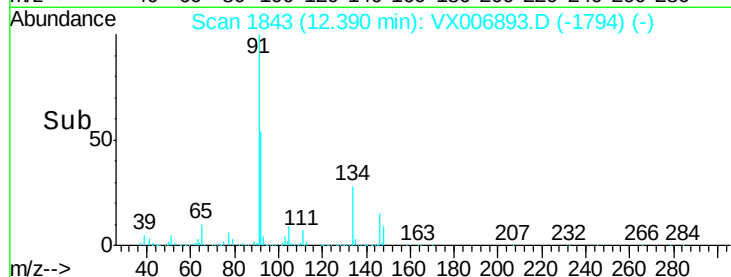
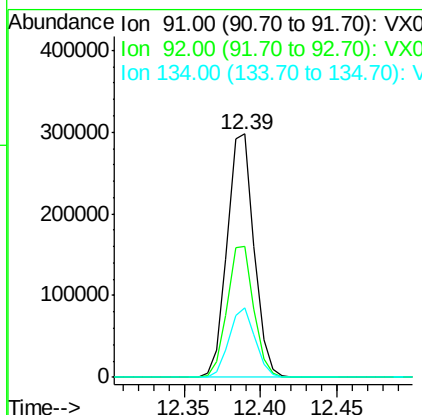
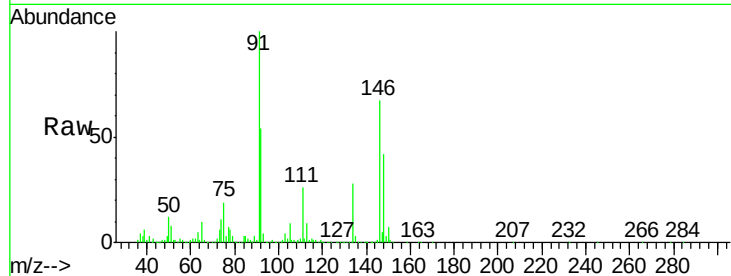
#89
n-Butylbenzene
Concen: 19.135 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX006893.D
Acq: 03 Jan 2019 14:32

Instrument :
MSVOA_X
ClientSampleId :
VX0103WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.2	26.8	80.4
134	27.7	14.4	43.2

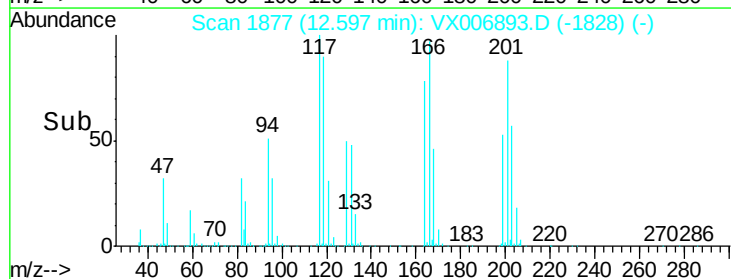
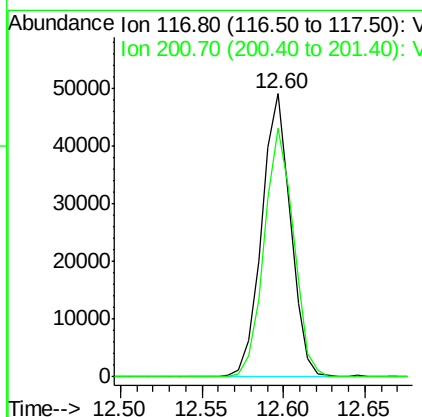
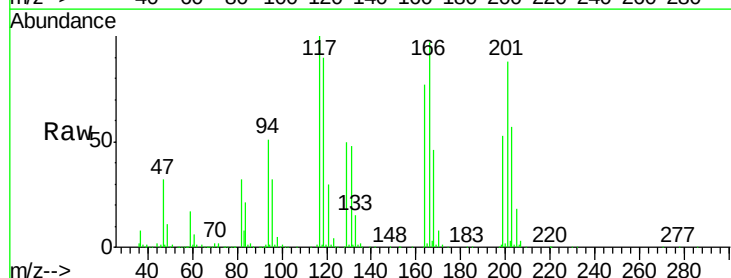
Manual Integrations
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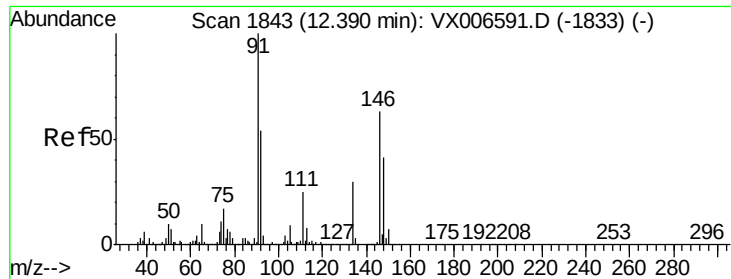
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#90
Hexachloroethane
Concen: 19.445 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006893.D
Acq: 03 Jan 2019 14:32

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.0	42.9	128.7





#91

1,2-Dichlorobenzene

Concen: 20.145 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX006893.D

Acq: 03 Jan 2019 14:32

Instrument :

MSVOA_X

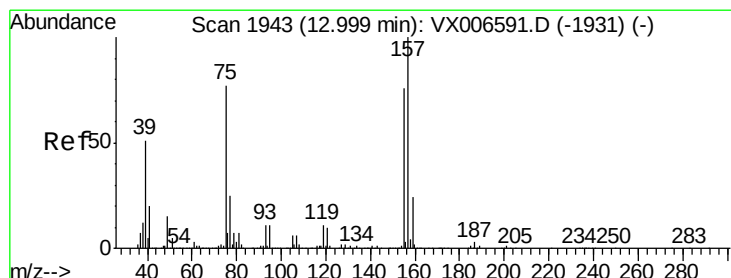
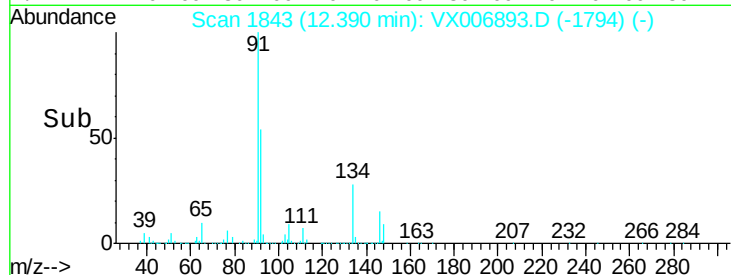
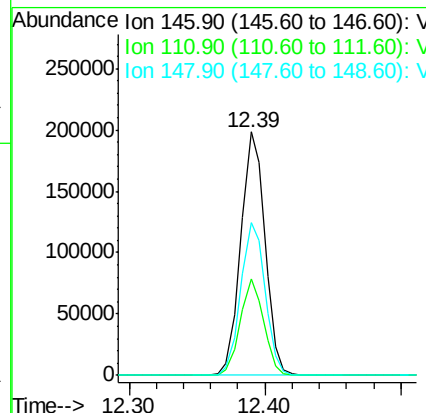
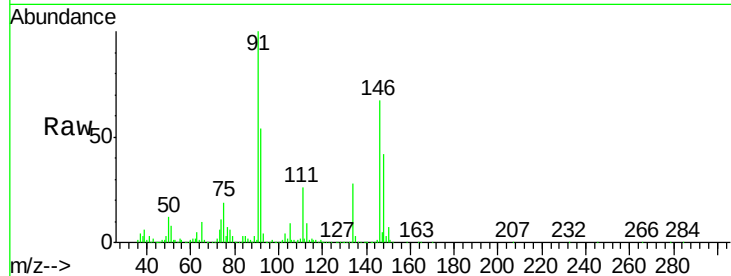
ClientSampleId :

VX0103WBSD01

Tot Ion:	146	Resp:	246777
Ion Ratio	Lower	Upper	
146	100		
111	38.5	19.4	58.2
148	63.3	32.3	96.9

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 20.573 ug/l

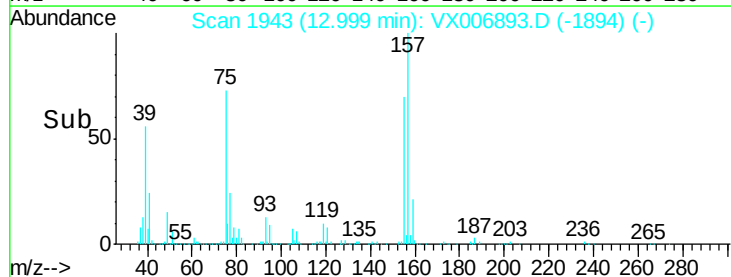
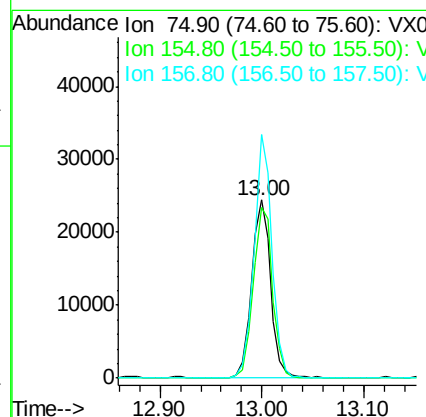
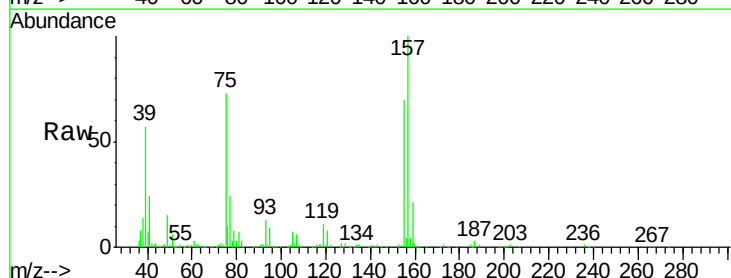
RT: 13.00 min Scan# 1943

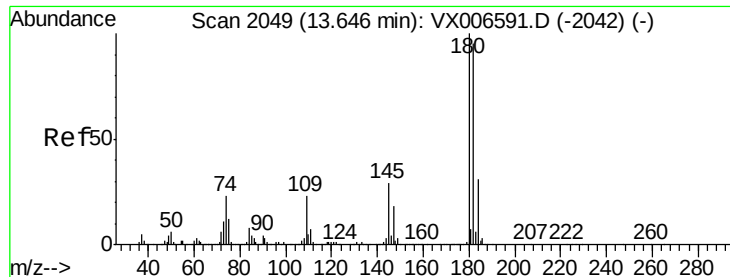
Delta R.T. -0.00 min

Lab File: VX006893.D

Acq: 03 Jan 2019 14:32

Tgt Ion:	75	Resp:	31817
Ion Ratio	Lower	Upper	
75	100		
155	97.3	50.6	151.8
157	128.0	64.6	193.8





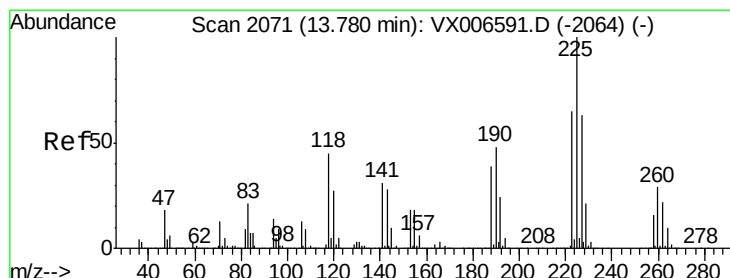
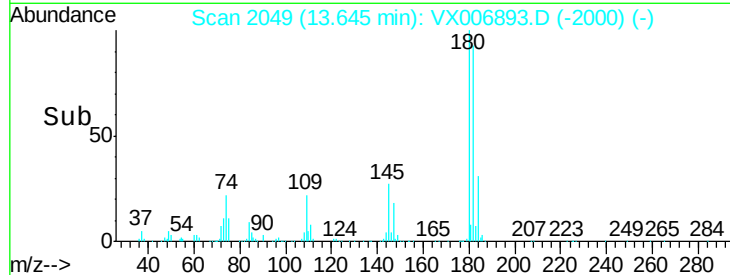
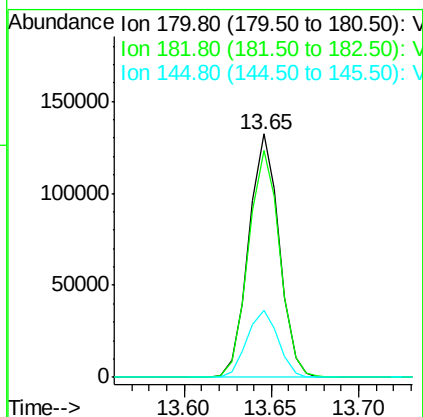
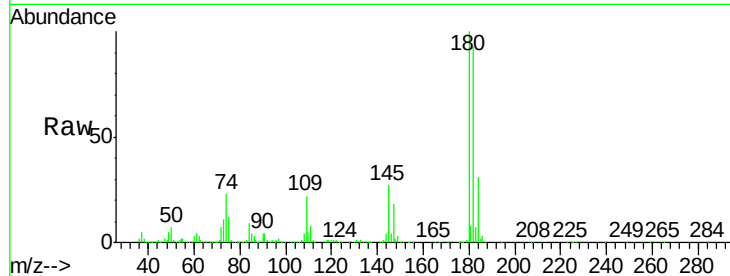
#93
 1,2,4-Trichlorobenzene
 Concen: 18.946 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX006893.D
 Acq: 03 Jan 2019 14:32

Instrument :
 MSVOA_X
 ClientSampled :
 VX0103WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	160094		
182	95.9	47.3	142.0	
145	28.3	14.8	44.3	

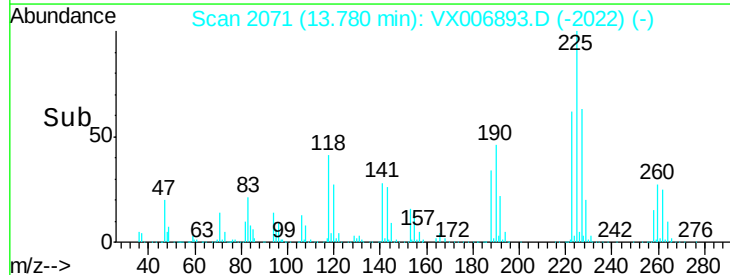
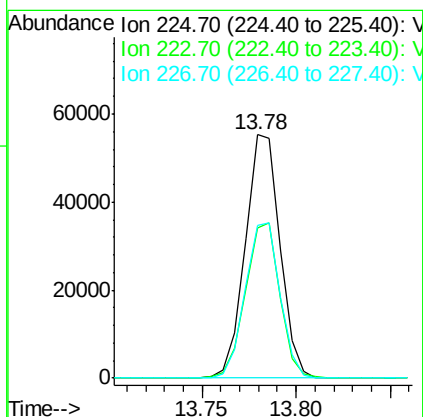
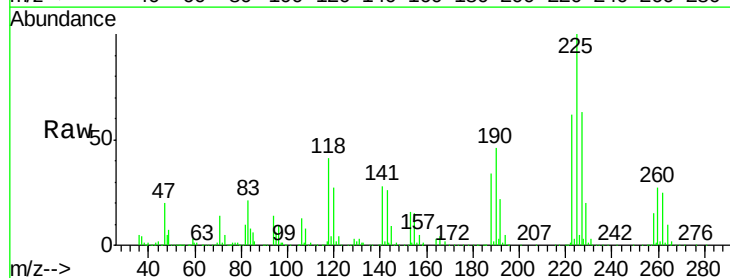
Manual Integrations
 APPROVED

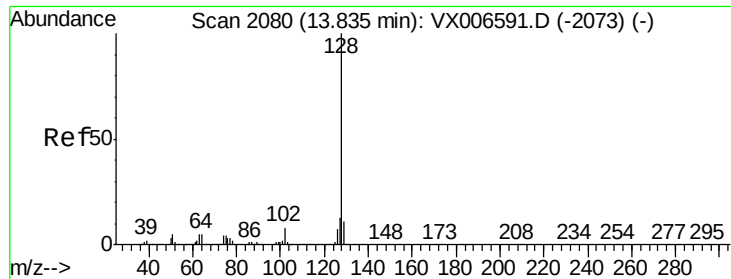
MMDadoda
 1/4/2019 10:01:25 AM



#94
 Hexachlorobutadiene
 Concen: 17.777 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX006893.D
 Acq: 03 Jan 2019 14:32

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	70804		
223	62.7	32.1	96.3	
227	63.6	32.3	96.8	





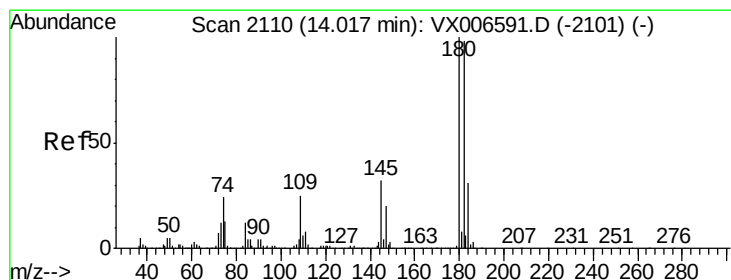
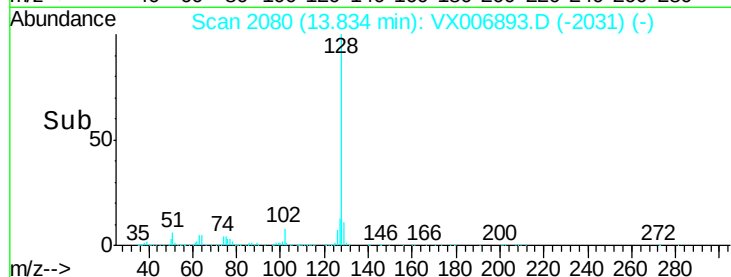
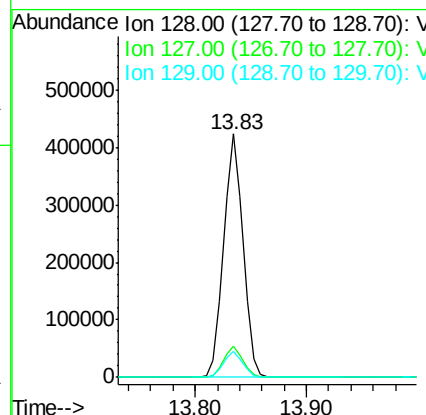
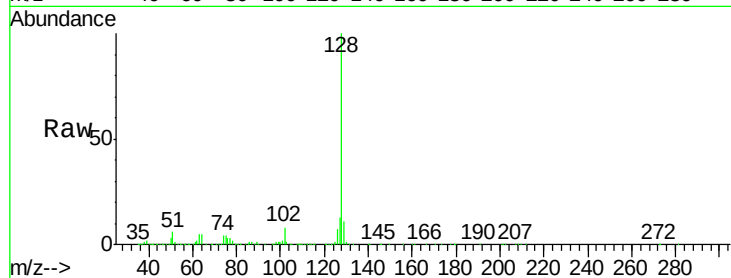
#95
Naphthalene
Concen: 18.920 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX006893.D
Acq: 03 Jan 2019 14:32

Instrument :
MSVOA_X
ClientSampleId :
VX0103WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.1	15.1
129	10.9	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
1/4/2019 10:01:25 AM



#96
1,2,3-Trichlorobenzene
Concen: 18.910 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. 0.01 min
Lab File: VX006893.D
Acq: 03 Jan 2019 14:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	48.5	145.5
145	30.7	16.0	47.9

