

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030519\
 Data File : VX007841.D
 Acq On : 05 Mar 2019 17:01
 Operator : JC/SP
 Sample : VX0305WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0305WBSD01

Manual Integrations
 APPROVED

MMDadoda
 3/6/2019 9:49:40 AM

Quant Time: Mar 06 00:50:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	285463	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	420635	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	370133	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	187088	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	157188	44.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.90%	
35) Dibromofluoromethane	5.51	113	141277	50.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.48%	
50) Toluene-d8	8.71	98	510309	47.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.82%	
62) 4-Bromofluorobenzene	11.13	95	180954	45.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	44528	16.933	ug/l	97
3) Chloromethane	1.33	50	55735	19.126	ug/l	99
4) Vinyl Chloride	1.41	62	58393	19.532	ug/l	90
5) Bromomethane	1.64	94	31799	15.823	ug/l	98
6) Chloroethane	1.73	64	231782	121.347	ug/l #	80
7) Trichlorofluoromethane	1.93	101	79708	17.391	ug/l	97
8) Diethyl Ether	2.19	74	35227	18.728	ug/l	85
9) 1,1,2-Trichlorotrifluoroet	2.39	101	48520	17.515	ug/l	100
10) Methyl Iodide	2.51	142	76431	22.158	ug/l	97
11) Tert butyl alcohol	3.07	59	76027	113.321	ug/l	100
12) 1,1-Dichloroethene	2.38	96	47597	19.062	ug/l	97
13) Acrolein	2.30	56	5281	8.858	ug/l	96
14) Allyl chloride	2.73	41	102484	22.197	ug/l	89
15) Acrylonitrile	3.15	53	168623	106.802	ug/l	100
16) Acetone	2.45	43	144230	91.723	ug/l	99
17) Carbon Disulfide	2.57	76	142034	20.446	ug/l	100
18) Methyl Acetate	2.78	43	83761	24.411	ug/l	95
19) Methyl tert-butyl Ether	3.20	73	175259	20.155	ug/l	98
20) Methylene Chloride	2.86	84	54738	18.852	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	51068	18.812	ug/l	92
22) Diisopropyl ether	3.87	45	194781	20.266	ug/l	94
23) Vinyl Acetate	3.82	43	839921	99.605	ug/l	98
24) 1,1-Dichloroethane	3.70	63	104827	20.068	ug/l	97
25) 2-Butanone	4.70	43	241426	100.793	ug/l	95
26) 2,2-Dichloropropane	4.59	77	67925	16.290	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	62193	18.006	ug/l	93
28) Bromochloromethane	5.02	49	45409	17.857	ug/l	87
29) Tetrahydrofuran	5.15	42	162147	102.697	ug/l	93
30) Chloroform	5.21	83	101065	18.063	ug/l	99
31) Cyclohexane	5.58	56	88625	18.037	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	86358	18.662	ug/l	99
36) 1,1-Dichloropropene	5.80	75	71308	18.856	ug/l	97
37) Ethyl Acetate	4.85	43	89976	21.419	ug/l	99
38) Carbon Tetrachloride	5.78	117	76990	20.267	ug/l	97

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MMDadoda
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Quant Time: Mar 06 00:50:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	85649	17.920	ug/l	93
40) Benzene	6.15	78	228803	19.600	ug/l	98
41) Methacrylonitrile	5.06	41	49536	22.083	ug/l	94
42) 1,2-Dichloroethane	6.20	62	76830	19.581	ug/l	99
43) Isopropyl Acetate	6.46	43	141510	21.888	ug/l	98
44) Trichloroethene	7.21	130	60929	18.973	ug/l	95
45) 1,2-Dichloropropane	7.52	63	62577	20.694	ug/l	99
46) Dibromomethane	7.66	93	38823	18.403	ug/l	98
47) Bromodichloromethane	7.90	83	79557	21.761	ug/l	98
48) Methyl methacrylate	7.77	41	67990	20.062	ug/l	92
49) 1,4-Dioxane	7.75	88	29498	402.998	ug/l	94
51) 4-Methyl-2-Pentanone	8.65	43	462589	106.890	ug/l	100
52) Toluene	8.78	92	138124	18.764	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	82516	19.940	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	90967	20.504	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	60430	19.686	ug/l	97
56) Ethyl methacrylate	9.18	69	85148	19.505	ug/l	93
57) 1,3-Dichloropropane	9.37	76	98651	20.076	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	211021	87.660	ug/l	97
59) 2-Hexanone	9.49	43	350297	103.100	ug/l	100
60) Dibromochloromethane	9.58	129	66649	22.564	ug/l	98
61) 1,2-Dibromoethane	9.67	107	62745	19.687	ug/l	100
64) Tetrachloroethene	9.34	164	55265	18.392	ug/l	97
65) Chlorobenzene	10.13	112	155348	19.406	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	59953	21.470	ug/l	99
67) Ethyl Benzene	10.25	91	256983	19.379	ug/l	100
68) m/p-Xylenes	10.36	106	196948	38.176	ug/l	96
69) o-Xylene	10.69	106	96449	19.436	ug/l	96
70) Styrene	10.71	104	156108	19.139	ug/l	99
71) Bromoform	10.86	173	55977	26.733	ug/l #	100
73) Isopropylbenzene	11.02	105	258890	19.361	ug/l	100
74) N-amyl acetate	10.90	43	120404	20.736	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	92450	19.990	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	88562m	22.208	ug/l	
77) Bromobenzene	11.26	156	69643	20.765	ug/l	94
78) n-propylbenzene	11.36	91	285527	18.897	ug/l	98
79) 2-Chlorotoluene	11.42	91	172524	18.963	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	212139	19.288	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	27210	20.193	ug/l	92
82) 4-Chlorotoluene	11.51	91	194612	18.285	ug/l	99
83) tert-Butylbenzene	11.77	119	222679	21.086	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	219001	19.466	ug/l	98
85) sec-Butylbenzene	11.94	105	254004	19.194	ug/l	98
86) p-Isopropyltoluene	12.06	119	224559	19.377	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	120697	19.401	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	122001	19.149	ug/l	98
89) n-Butylbenzene	12.39	91	182748	17.682	ug/l	100
90) Hexachloroethane	12.60	117	42079	21.549	ug/l	93
91) 1,2-Dichlorobenzene	12.39	146	122361	19.658	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	19819	19.668	ug/l	98

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ClientSampleId :
VX0305WBSD01

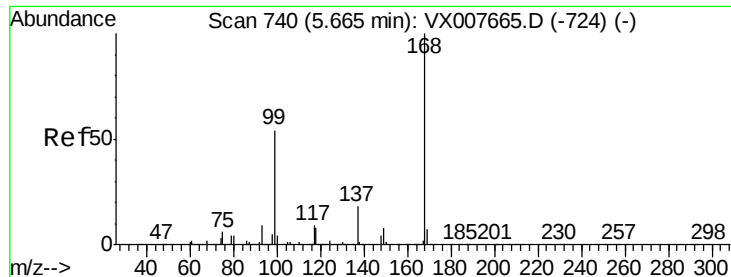
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Tue Feb 26 01:53:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	82438	21.697	ug/l	100
94) Hexachlorobutadiene	13.78	225	44425	25.559	ug/l	99
95) Naphthalene	13.83	128	248285	20.170	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	83846	21.977	ug/l	99

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



#1

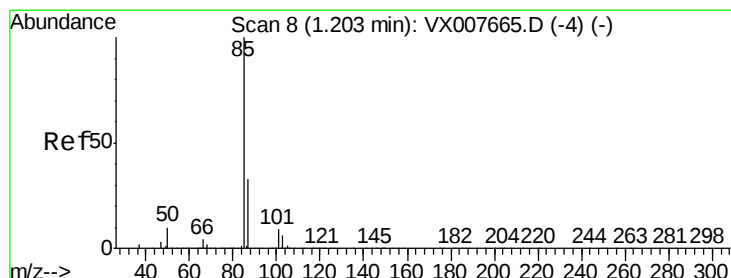
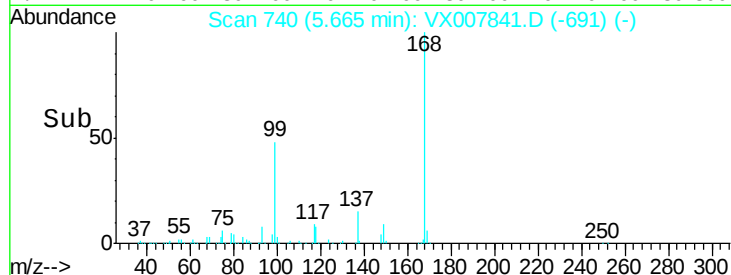
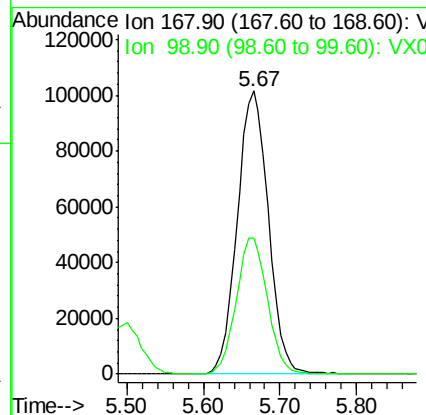
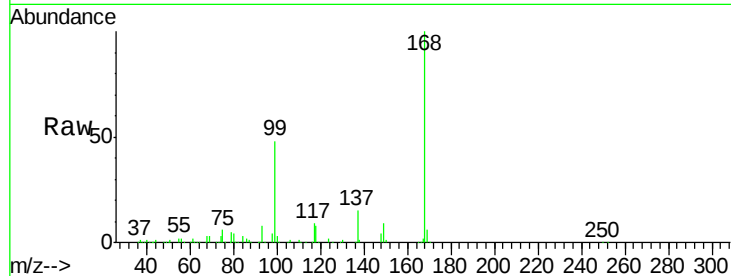
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.00 min
 Lab File: VX007841.D
 Acq: 05 Mar 2019 17:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0305WBSD01

Tot Ion	Ratio	Lower	Upper
168	100		
99	48.0	37.9	56.9

Manual Integrations
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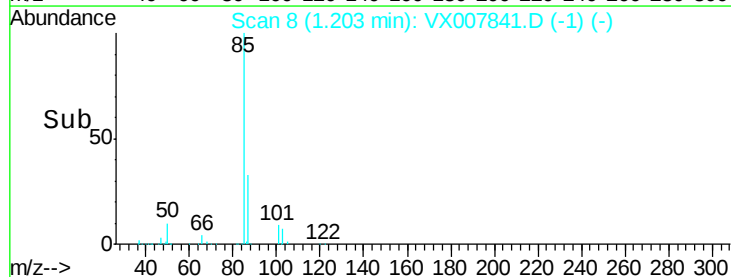
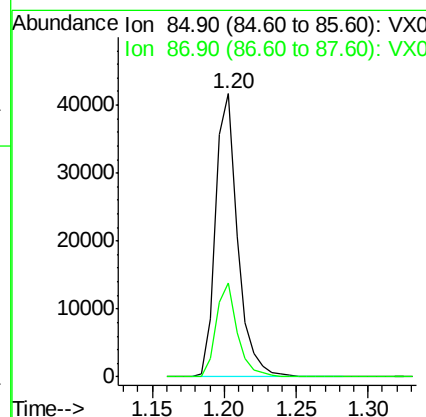
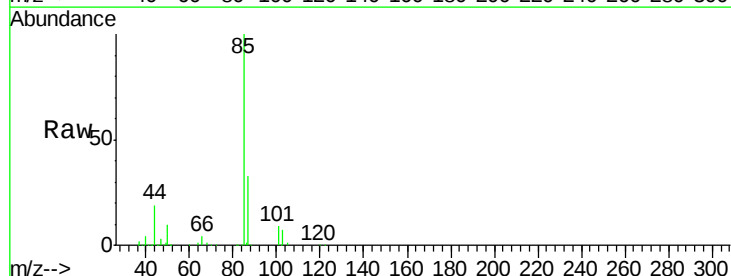
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#2

Dichlorodifluoromethane
 Concen: 16.933 ug/l
 RT: 1.20 min Scan# 8
 Delta R.T. -0.00 min
 Lab File: VX007841.D
 Acq: 05 Mar 2019 17:01

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.0	15.8	47.4





#3

Chloromethane

Concen: 19.126 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007841.D

Acq: 05 Mar 2019 17:01

Tot Ion: 50 Resp: 55735

Ion Ratio Lower Upper

50 100

52 32.3 26.1 39.1

Instrument :

MSVOA_X

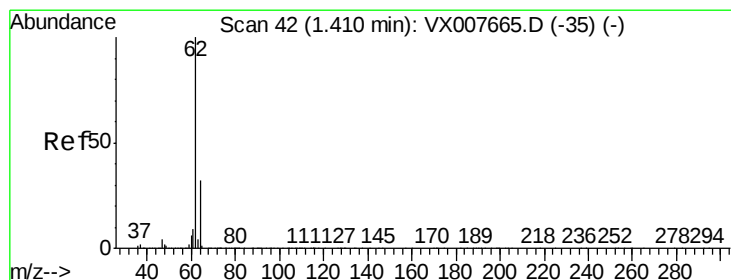
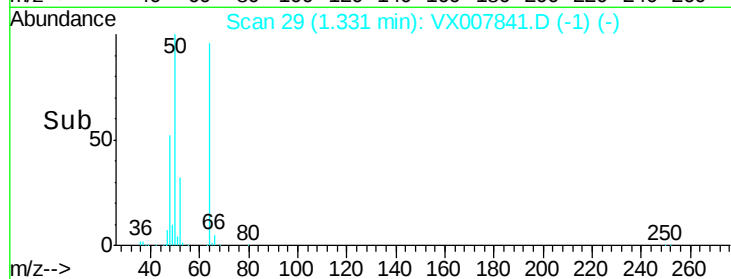
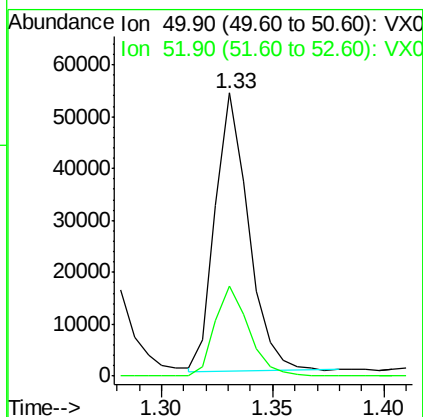
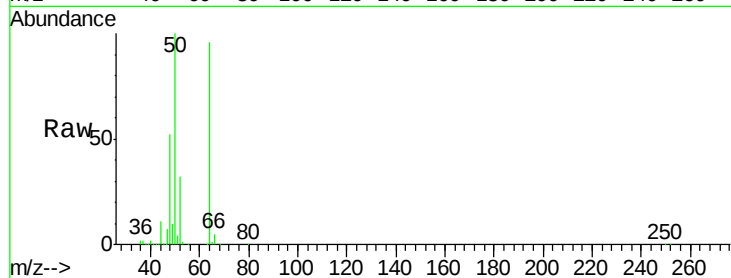
ClientSampleId :

VX0305WBSD01

Manual Integrations
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#4

Vinyl Chloride

Concen: 19.532 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007841.D

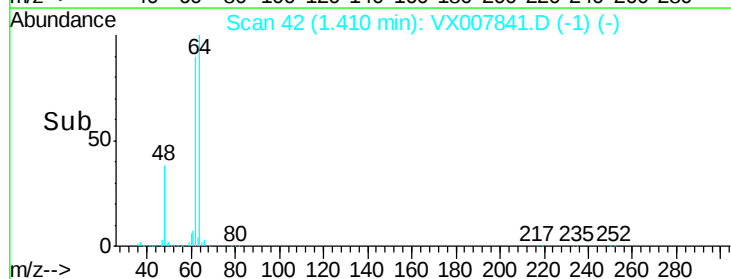
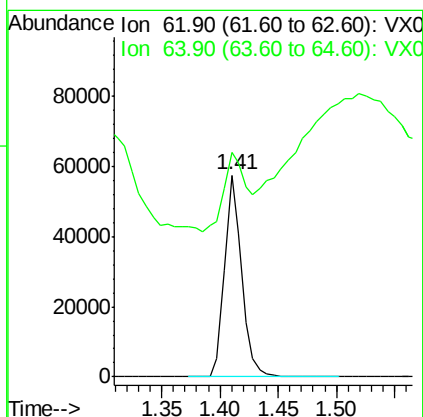
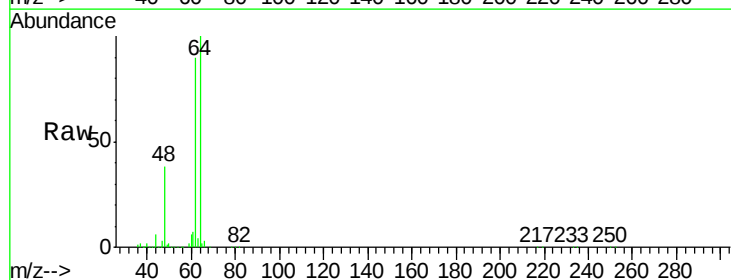
Acq: 05 Mar 2019 17:01

Tgt Ion: 62 Resp: 58393

Ion Ratio Lower Upper

62 100

64 37.2 25.4 38.0





#5

Bromomethane

Concen: 15.823 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007841.D

Acq: 05 Mar 2019 17:01

Instrument :

MSVOA_X

ClientSampled :

VX0305WBSD01

Tot Ion: 94 Resp: 31799

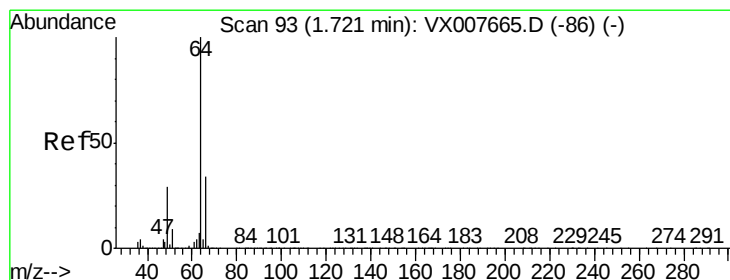
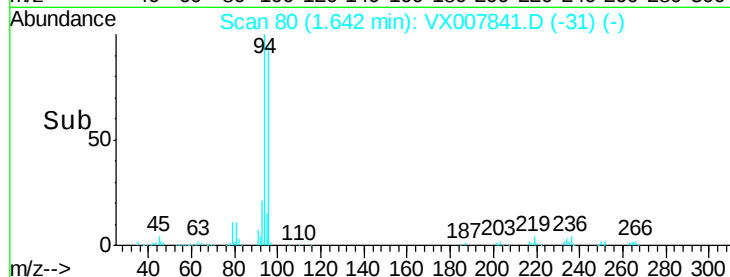
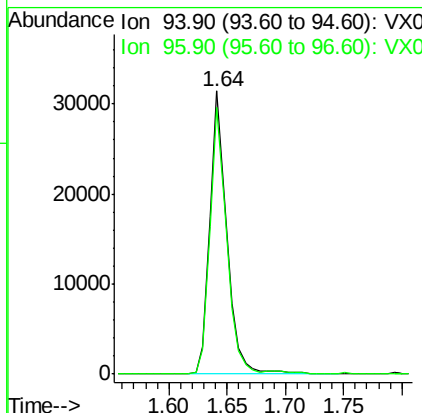
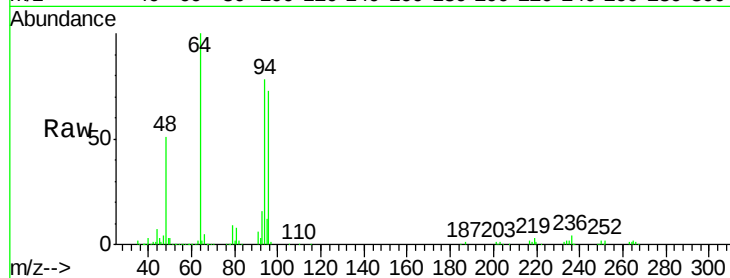
Ion Ratio Lower Upper

94 100

96 94.1 73.9 110.9

Manual Integrations
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#6

Chloroethane

Concen: 121.347 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX007841.D

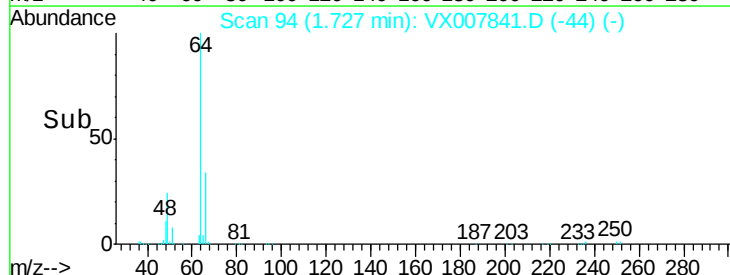
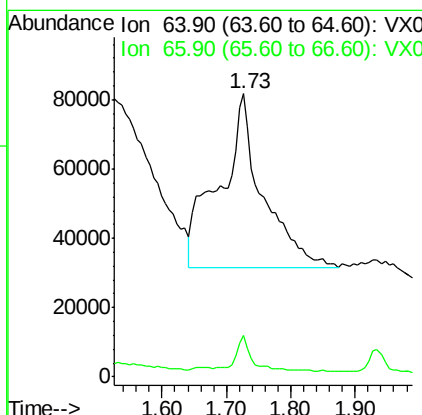
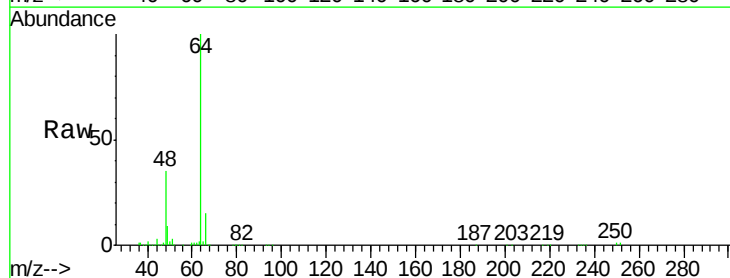
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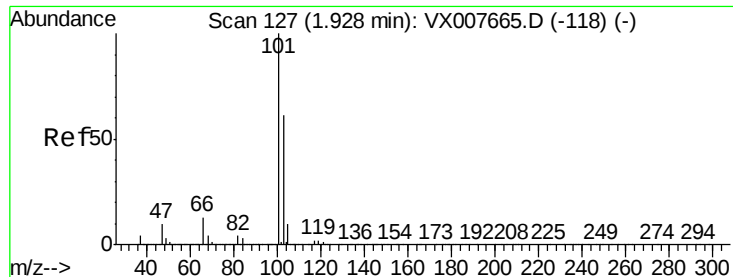
Tgt Ion: 64 Resp: 231782

Ion Ratio Lower Upper

64 100

66 20.7 25.5 38.3#





#7

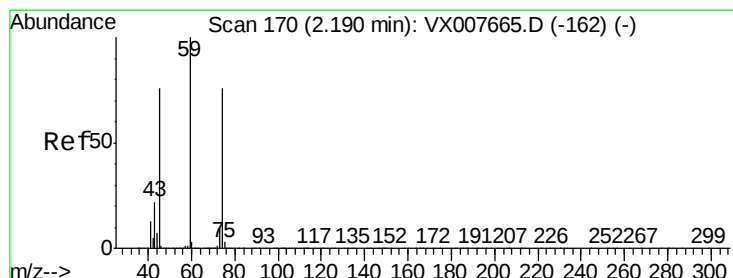
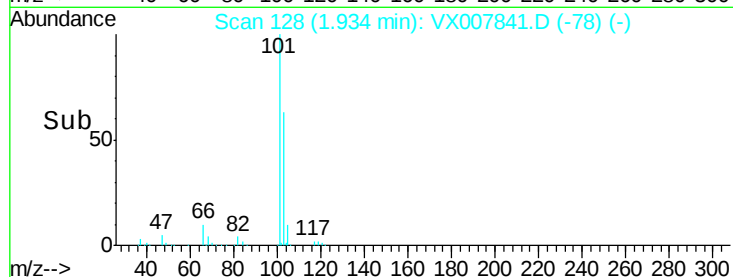
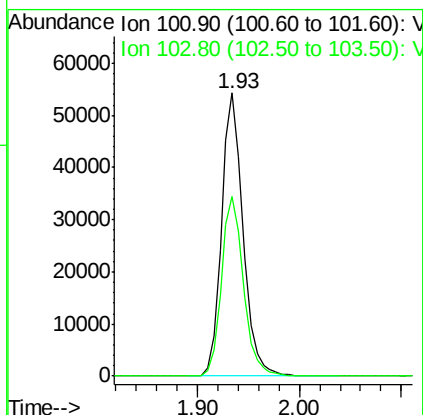
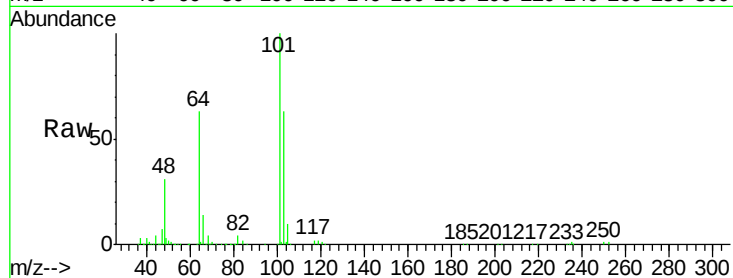
Trichlorofluoromethane
Concen: 17.391 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX007841.D
Acq: 05 Mar 2019 17:01

Instrument :
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ClientSampleId :
VX0305WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.5	52.6	79.0

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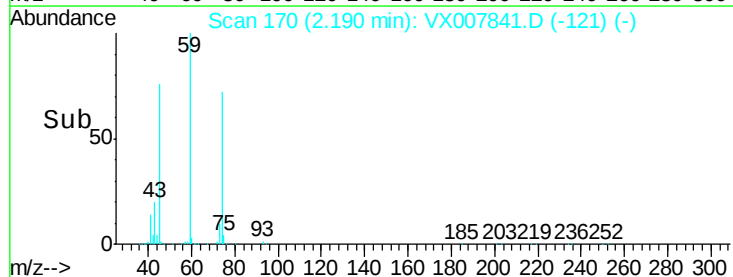
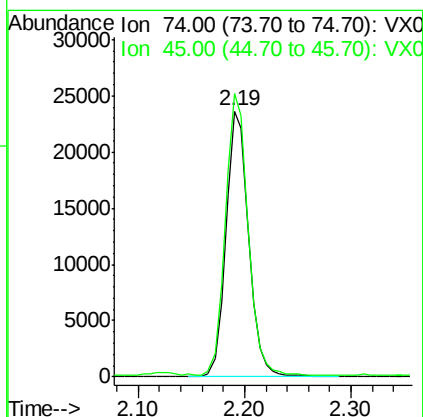
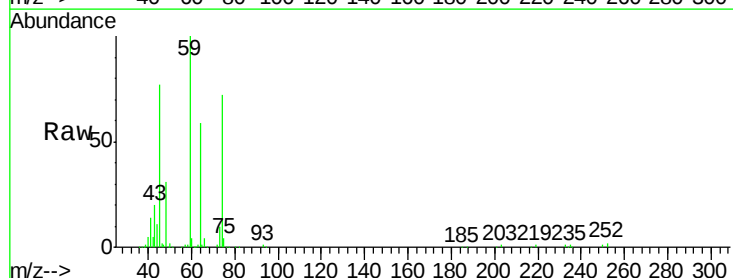
MMDadoda
3/6/2019 9:49:40 AM



#8

Diethyl Ether
Concen: 18.728 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007841.D
Acq: 05 Mar 2019 17:01

Tgt Ion	Ratio	Lower	Upper
74	100		
45	105.8	45.7	137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.515 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007841.D

Acq: 05 Mar 2019 17:01

Instrument :

MSVOA_X

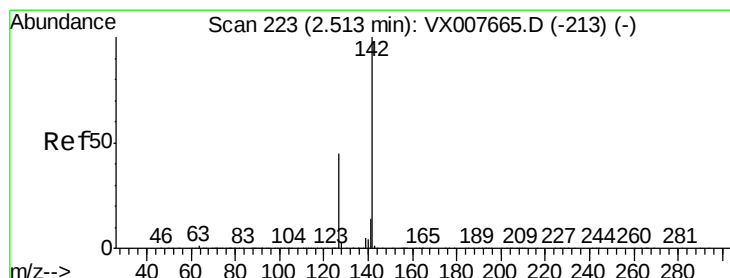
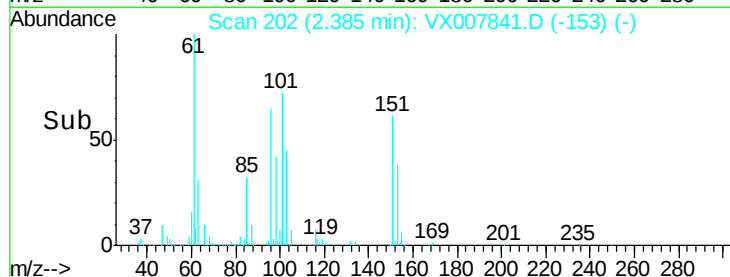
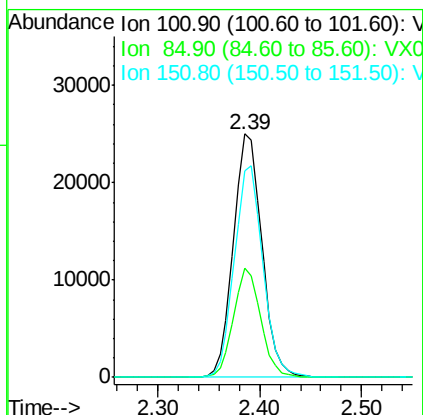
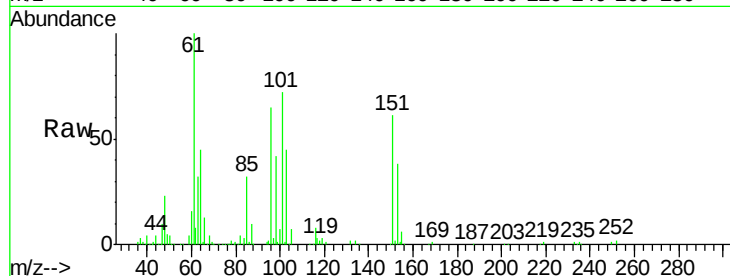
ClientSampleId :

VX0305WBSD01

Tot Ion:	101	Resp:	48520
Ion Ratio	Lower	Upper	
101	100		
85	42.7	34.1	51.1
151	86.8	69.9	104.9

Manual Integrations
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#10

Methyl Iodide

Concen: 22.158 ug/l

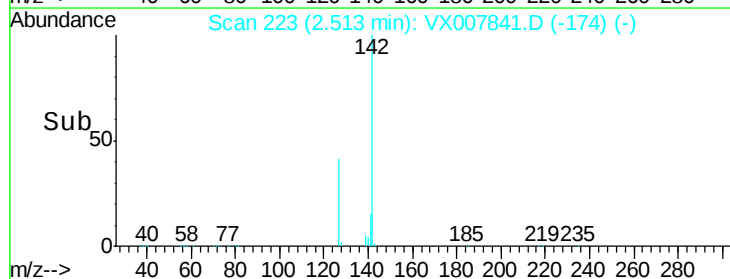
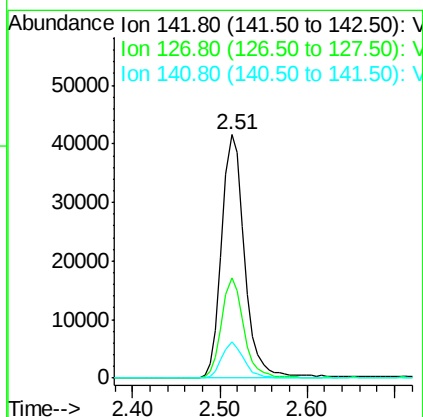
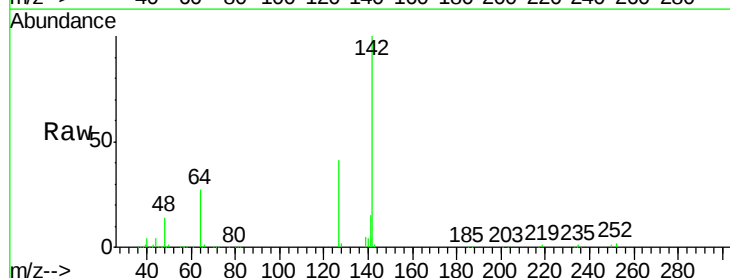
RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX007841.D

Acq: 05 Mar 2019 17:01

Tgt Ion:	142	Resp:	76431
Ion Ratio	Lower	Upper	
142	100		
127	39.6	33.7	50.5
141	14.2	11.3	16.9





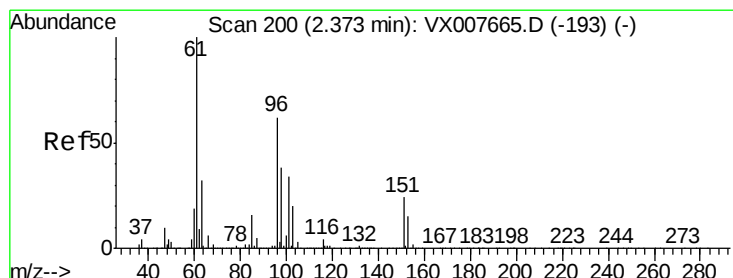
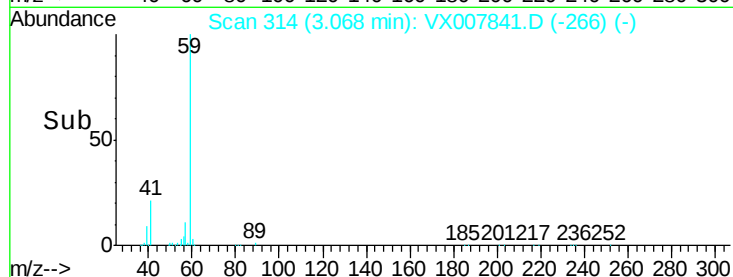
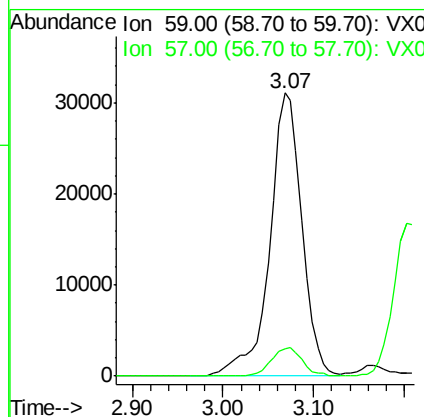
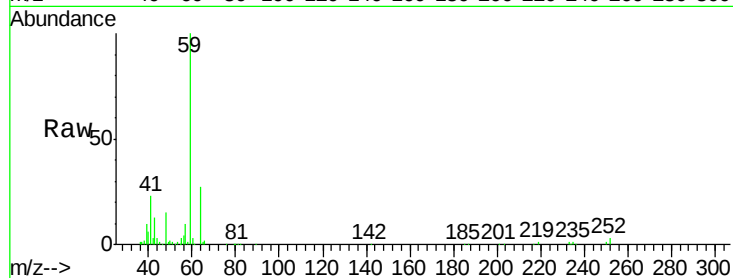
#11
Tert butyl alcohol
Concen: 113.321 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX007841.D
Acq: 05 Mar 2019 17:01

Instrument :
MSVOA_X
ClientSampled :
VX0305WBSD01

Tot Ion: 59 Resp: 76027
Ion Ratio Lower Upper
59 100
57 10.0 8.1 12.1

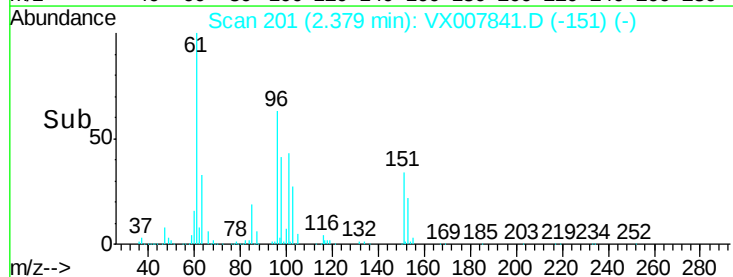
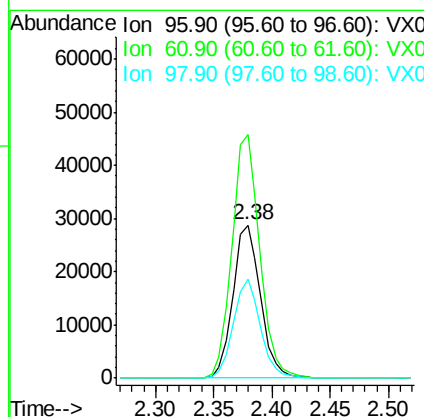
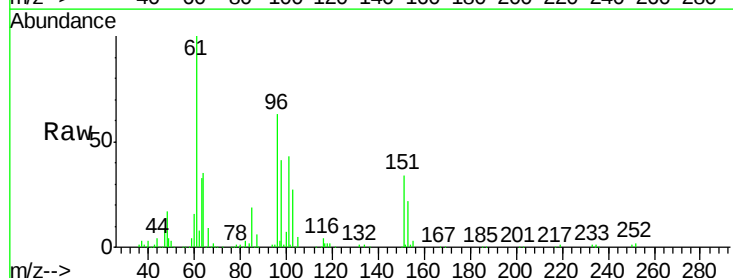
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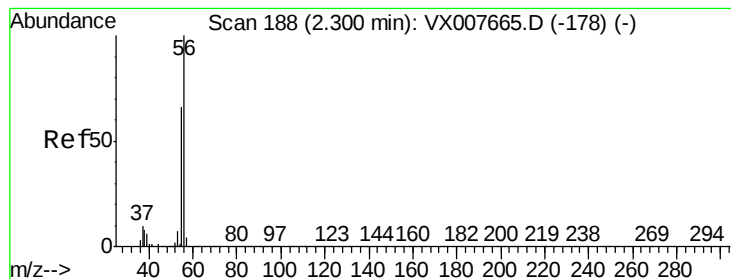
MMDadoda
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#12
1,1-Dichloroethene
Concen: 19.062 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX007841.D
Acq: 05 Mar 2019 17:01

Tgt Ion: 96 Resp: 47597
Ion Ratio Lower Upper
96 100
61 158.8 123.0 184.4
98 64.6 50.9 76.3





#13

Acrolein

Concen: 8.858 ug/l

RT: 2.30 min Scan# 188

Delta R.T. -0.00 min

Lab File: VX007841.D

Acq: 05 Mar 2019 17:01

Instrument :

MSVOA_X

ClientSampleId :

VX0305WBSD01

Tot Ion: 56 Resp: 5281

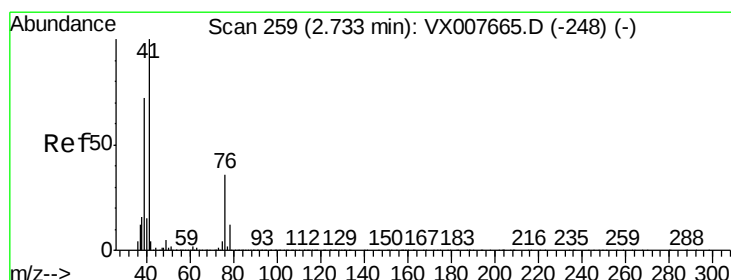
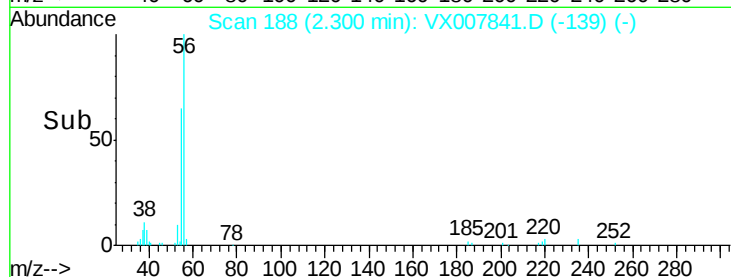
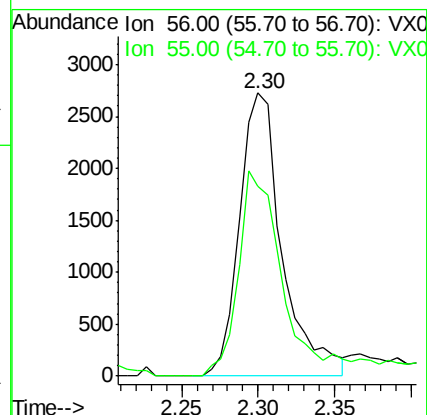
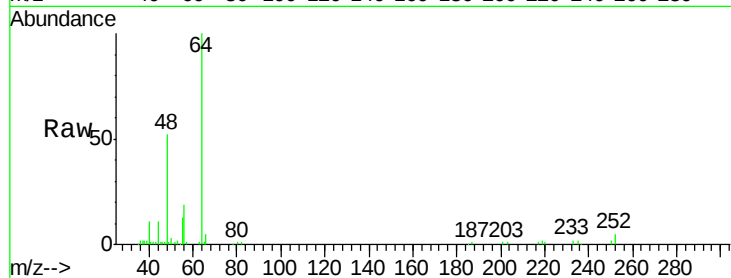
Ion Ratio Lower Upper

56 100

55 74.7 56.9 85.3

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#14

Allyl chloride

Concen: 22.197 ug/l

RT: 2.73 min Scan# 259

Delta R.T. -0.00 min

Lab File: VX007841.D

Acq: 05 Mar 2019 17:01

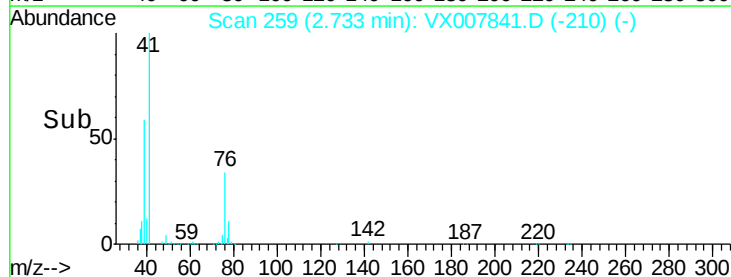
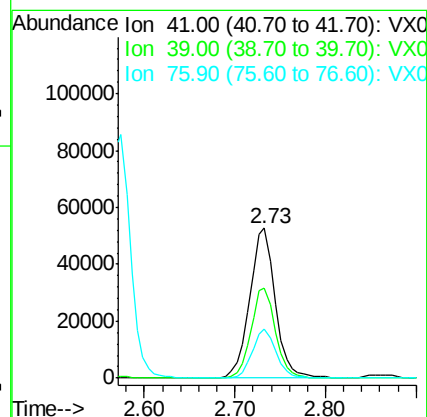
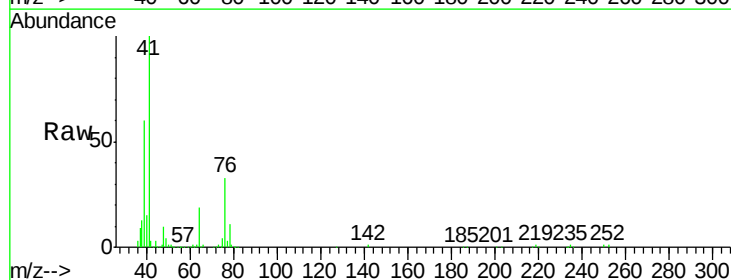
Tgt Ion: 41 Resp: 102484

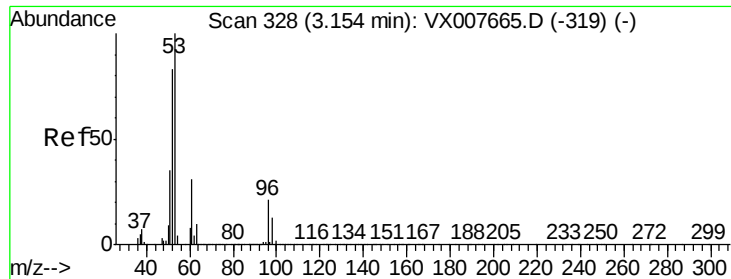
Ion Ratio Lower Upper

41 100

39 57.0 54.1 81.1

76 30.3 27.8 41.8





#15

Acrylonitrile

Concen: 106.802 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX007841.D

Acq: 05 Mar 2019 17:01

Instrument :

MSVOA_X

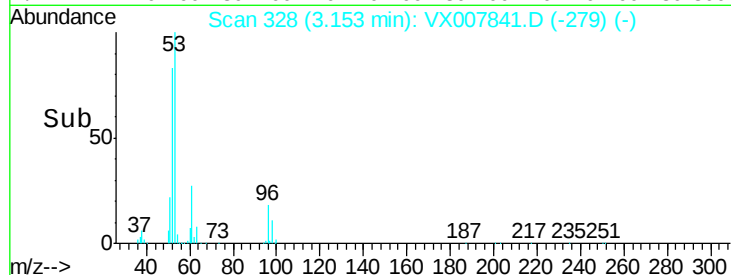
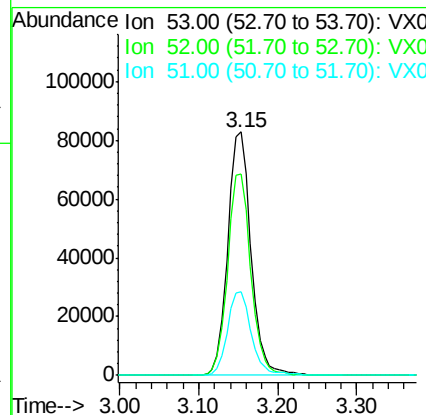
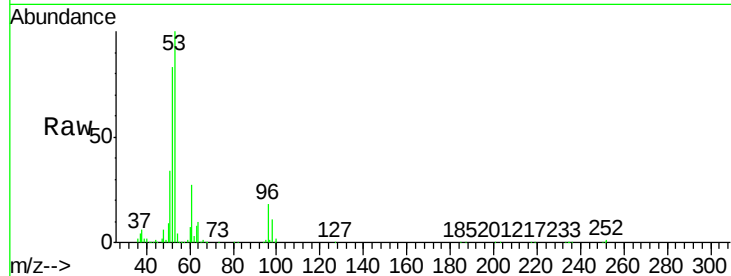
ClientSampleId :

VX0305WBSD01

Tot Ion:	53	Resp:	168623
Ion Ratio		Lower	Upper
53	100		
52	83.2	66.4	99.6
51	35.8	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 91.723 ug/l

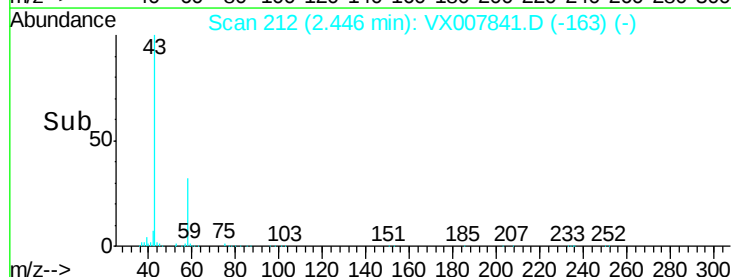
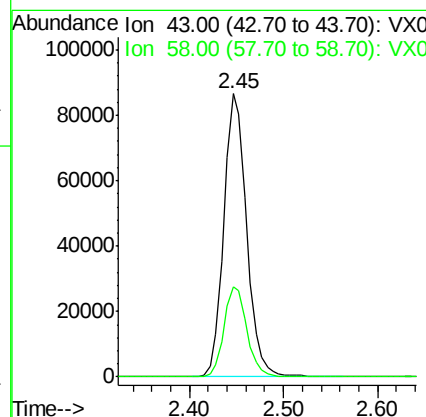
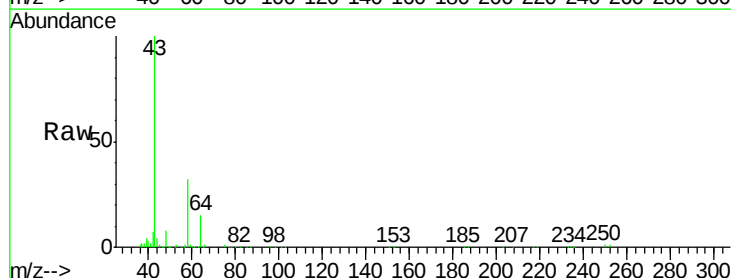
RT: 2.45 min Scan# 212

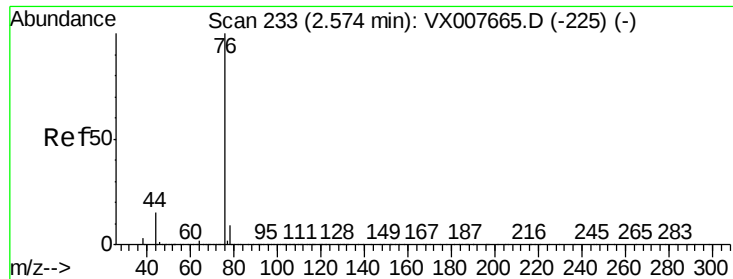
Delta R.T. -0.00 min

Lab File: VX007841.D

Acq: 05 Mar 2019 17:01

Tgt Ion:	43	Resp:	144230
Ion Ratio		Lower	Upper
43	100		
58	31.8	24.9	37.3





#17

Carbon Disulfide

Concen: 20.446 ug/l

RT: 2.57 min Scan# 233

Delta R.T. -0.00 min

Lab File: VX007841.D

Acq: 05 Mar 2019 17:01

Instrument :

MSVOA_X

ClientSampleId :

VX0305WBSD01

Tot Ion: 76 Resp: 142034

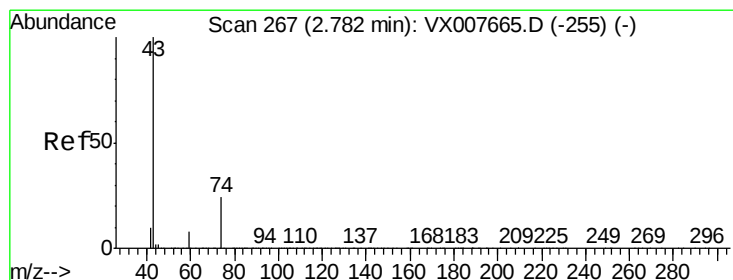
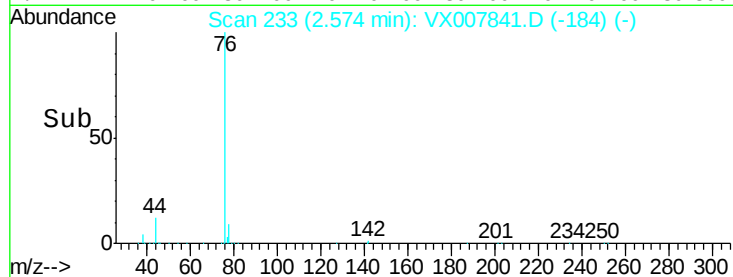
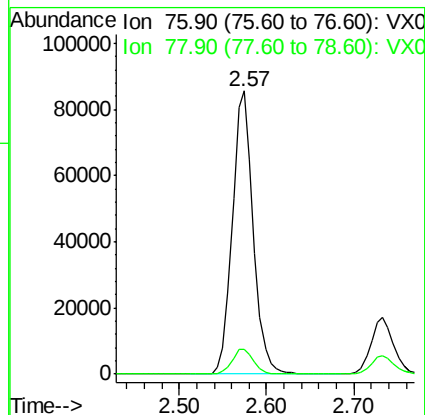
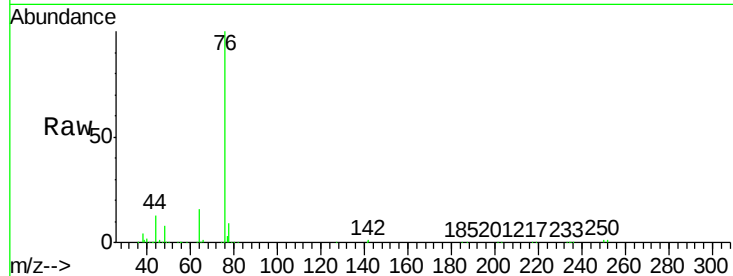
Ion Ratio Lower Upper

76 100

78 8.9 7.1 10.7

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#18

Methyl Acetate

Concen: 24.411 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX007841.D

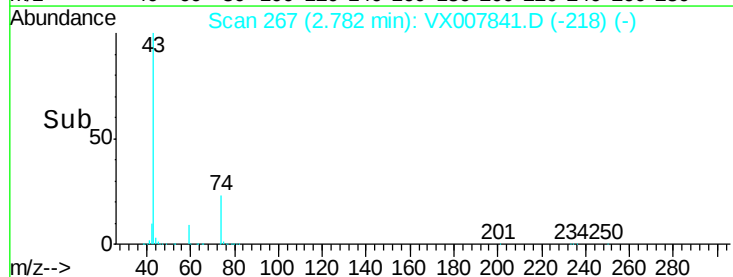
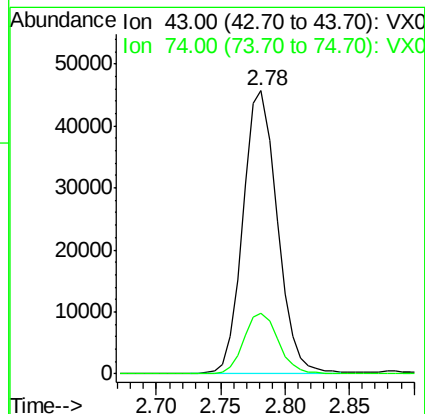
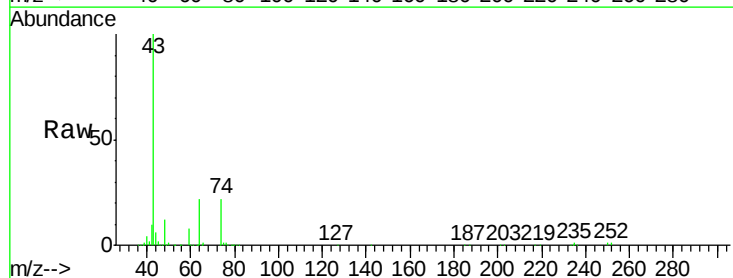
Acq: 05 Mar 2019 17:01

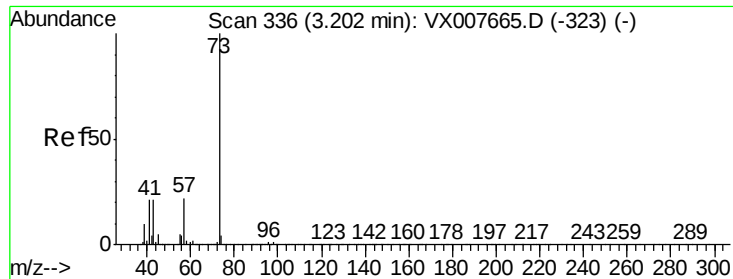
Tgt Ion: 43 Resp: 83761

Ion Ratio Lower Upper

43 100

74 21.8 19.4 29.2





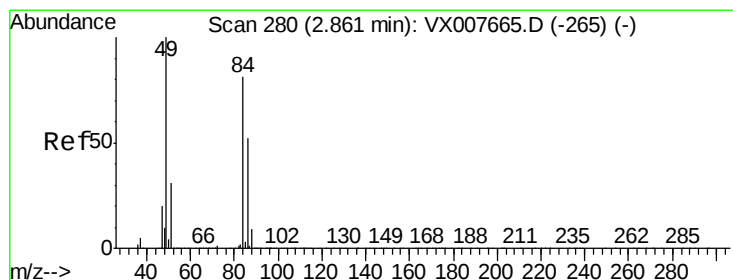
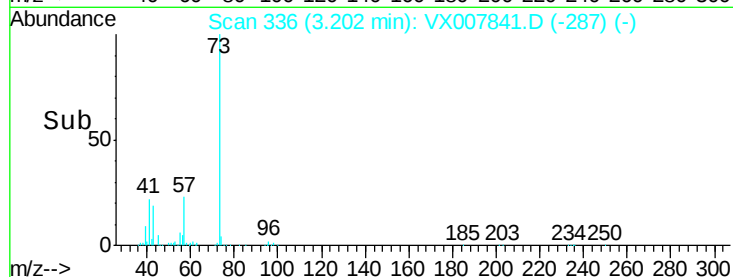
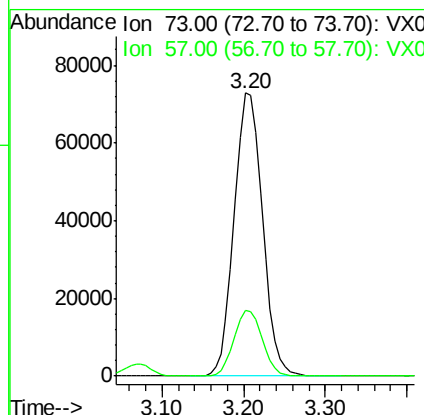
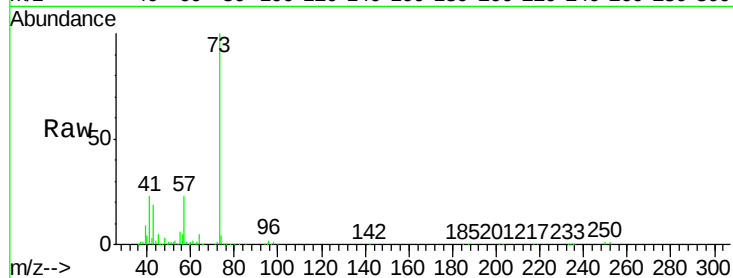
#19
Methvl tert-butvl Ether
Concen: 20.155 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX007841.D
Acq: 05 Mar 2019 17:01

Instrument :
MSVOA_X
ClientSampleId :
VX0305WBSD01

Tot Ion: 73 Resp: 175259
Ion Ratio Lower Upper
73 100
57 23.1 17.8 26.8

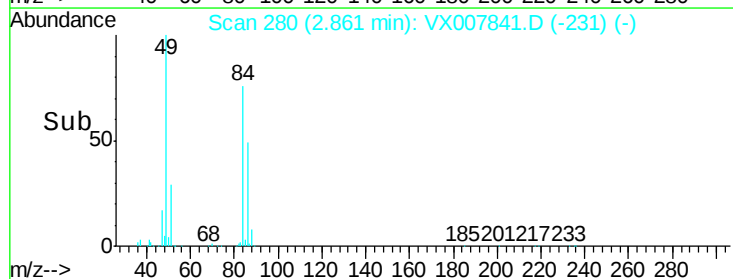
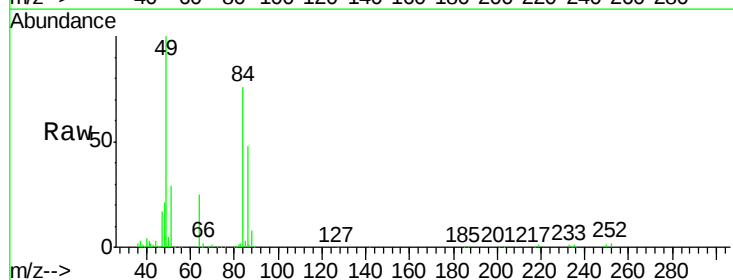
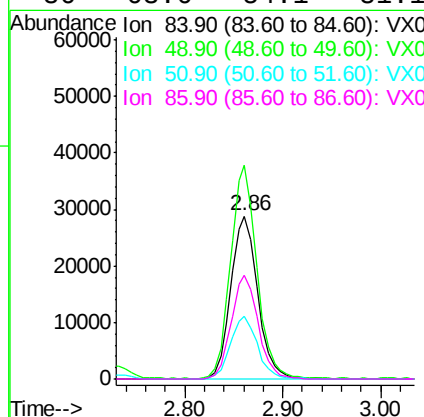
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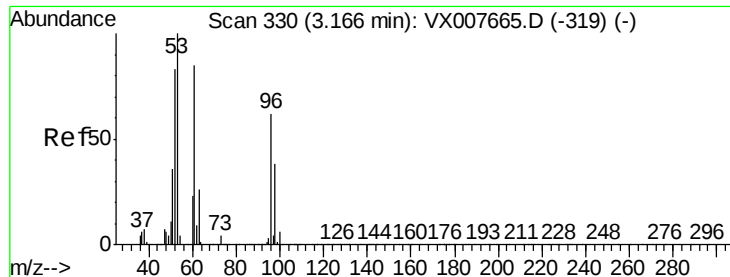
MMDadoda
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#20
Methylene Chloride
Concen: 18.852 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX007841.D
Acq: 05 Mar 2019 17:01

Tgt Ion: 84 Resp: 54738
Ion Ratio Lower Upper
84 100
49 131.0 94.8 142.2
51 38.2 29.8 44.8
86 63.6 54.1 81.1





#21

trans-1,2-Dichloroethene

Concen: 18.812 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007841.D

Acq: 05 Mar 2019 17:01

Instrument :

MSVOA_X

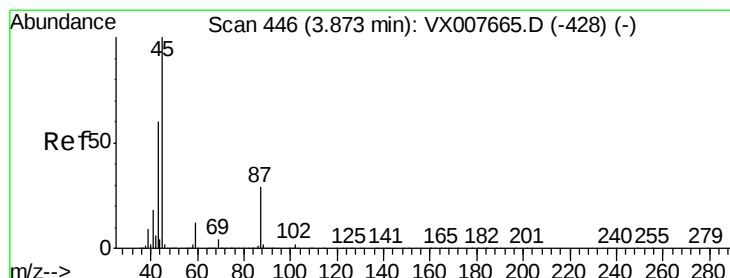
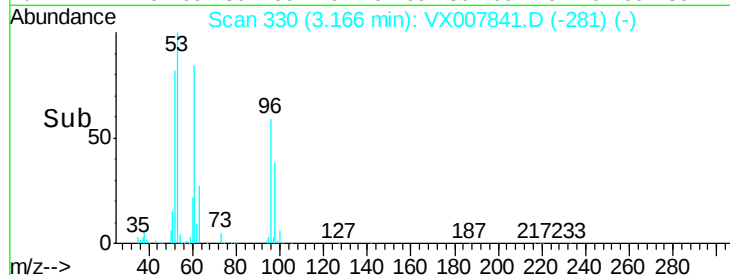
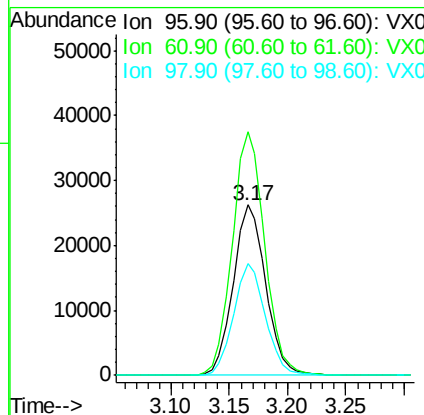
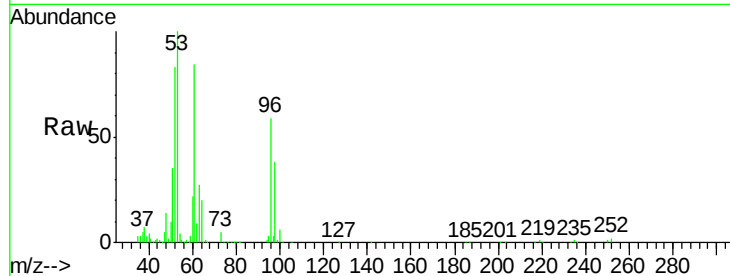
ClientSampleId :

VX0305WBSD01

Tot Ion:	96	Resp:	51068
Ion	Ratio	Lower	Upper
96	100		
61	142.8	104.6	156.8
98	65.7	51.0	76.4

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#22

Diisopropyl ether

Concen: 20.266 ug/l

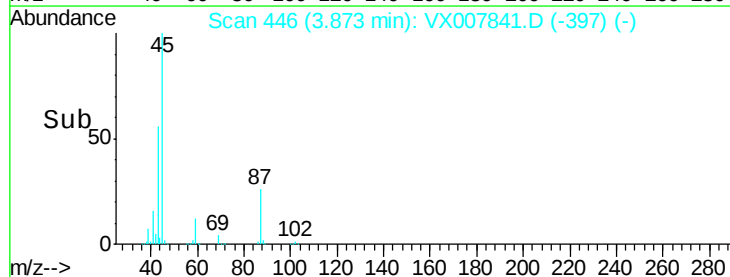
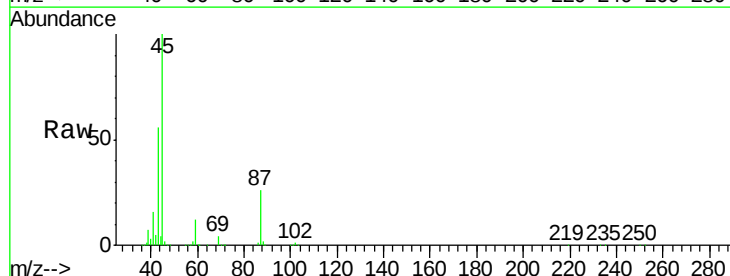
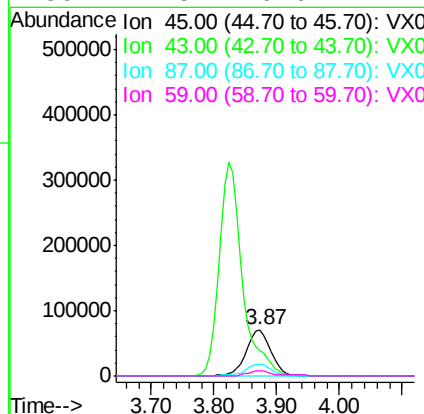
RT: 3.87 min Scan# 446

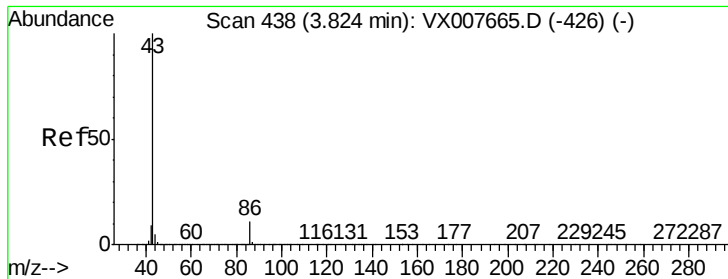
Delta R.T. -0.00 min

Lab File: VX007841.D

Acq: 05 Mar 2019 17:01

Tgt Ion:	45	Resp:	194781
Ion	Ratio	Lower	Upper
45	100		
43	55.9	48.9	73.3
87	26.1	23.9	35.9
59	11.5	9.6	14.4





#23

Vinyl Acetate

Concen: 99.605 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX007841.D

Acq: 05 Mar 2019 17:01

Instrument :

MSVOA_X

ClientSampleId :

VX0305WBSD01

Tot Ion: 43 Resp: 839921

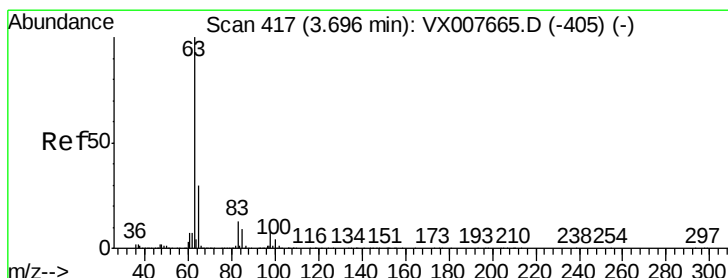
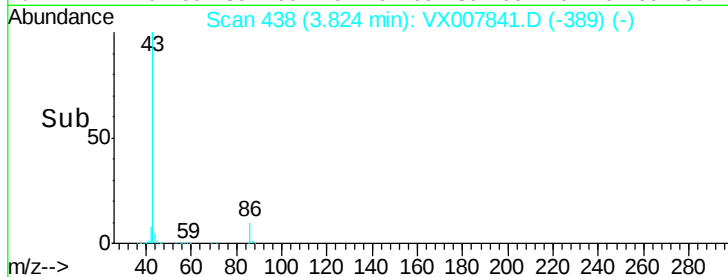
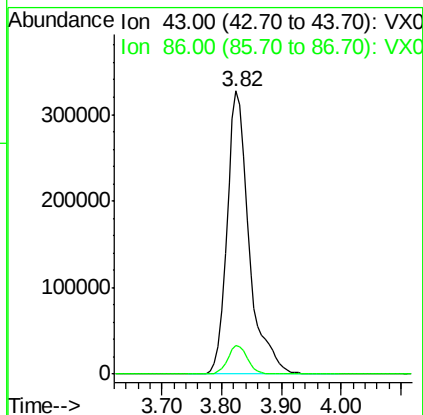
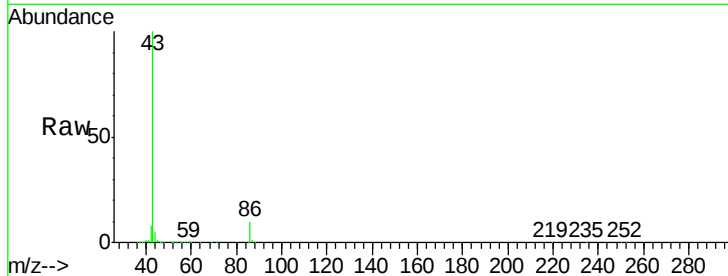
Ion Ratio Lower Upper

43 100

86 10.1 8.7 13.1

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#24

1,1-Dichloroethane

Concen: 20.068 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007841.D

Acq: 05 Mar 2019 17:01

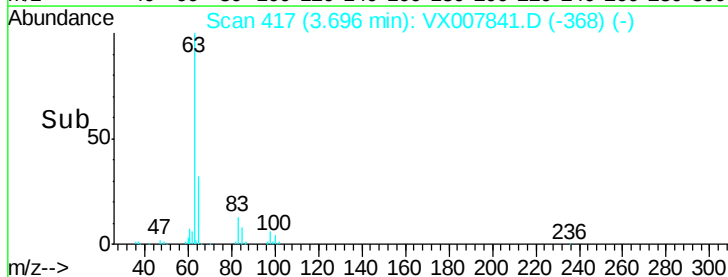
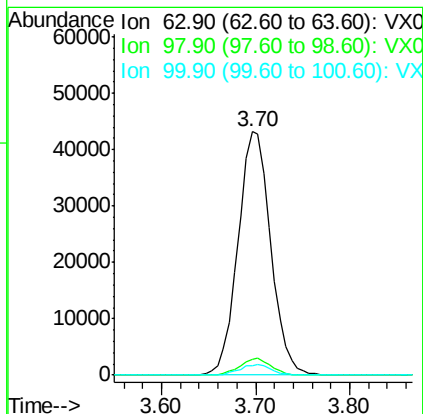
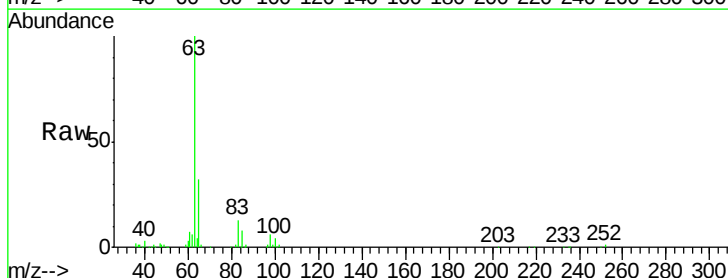
Tgt Ion: 63 Resp: 104827

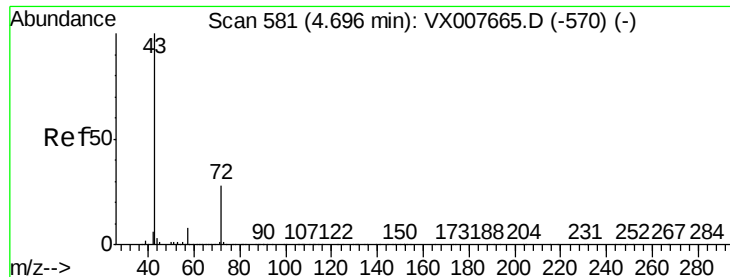
Ion Ratio Lower Upper

63 100

98 6.3 3.6 10.8

100 4.0 2.5 7.4





#25

2-Butanone

Concen: 100.793 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.00 min

Lab File: VX007841.D

Acq: 05 Mar 2019 17:01

Tot Ion: 43 Resp: 241426

Ion Ratio Lower Upper

43 100

72 25.3 22.2 33.2

Instrument :

MSVOA_X

ClientSampleId :

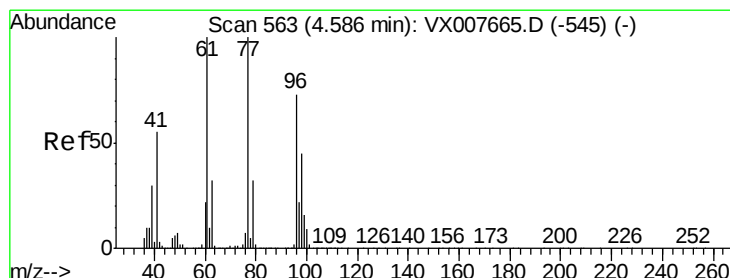
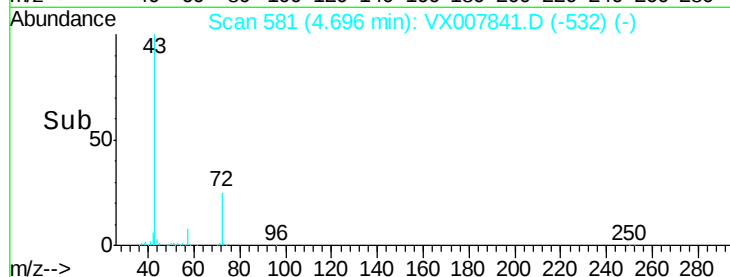
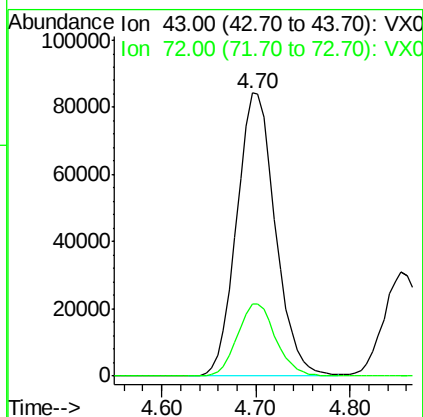
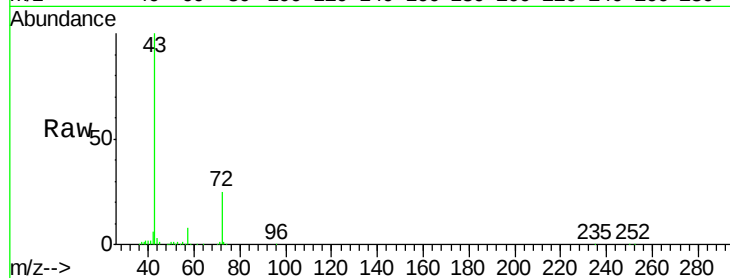
VX0305WBSD01

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#26

2,2-Dichloropropane

Concen: 16.290 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX007841.D

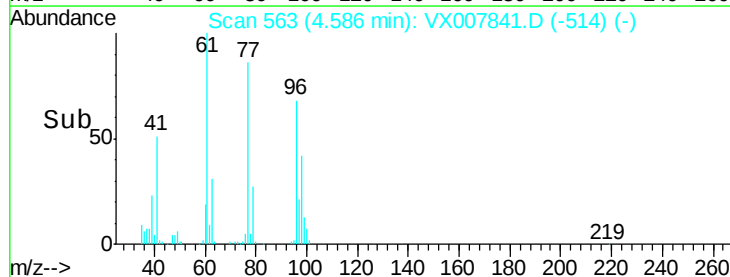
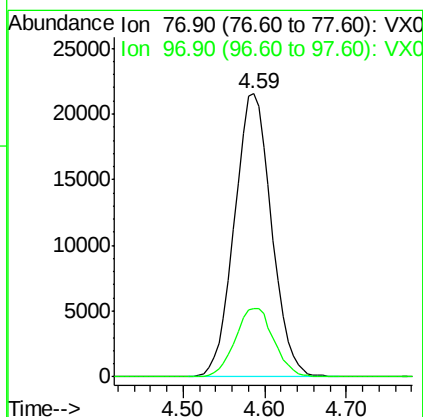
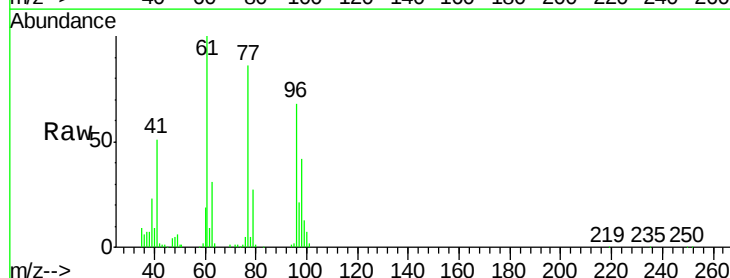
Acq: 05 Mar 2019 17:01

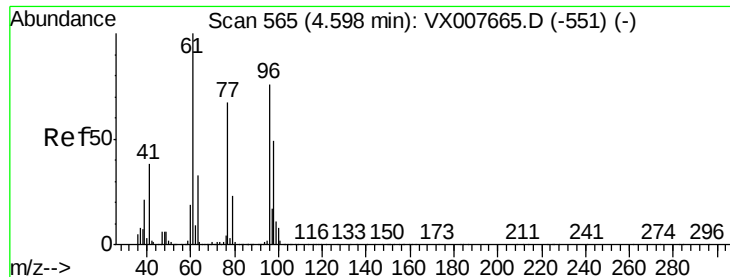
Tgt Ion: 77 Resp: 67925

Ion Ratio Lower Upper

77 100

97 25.1 12.1 36.3





#27

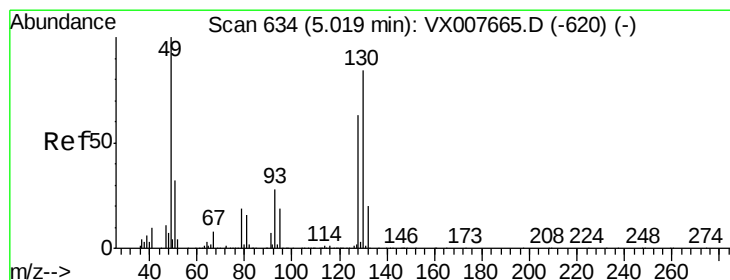
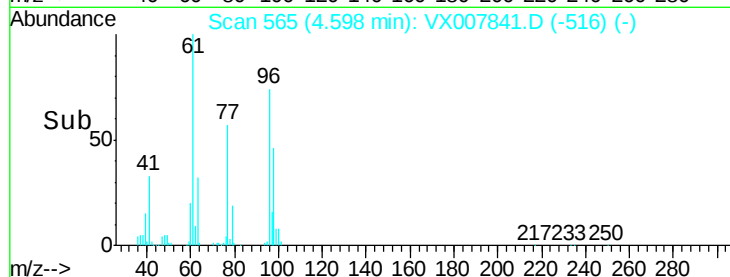
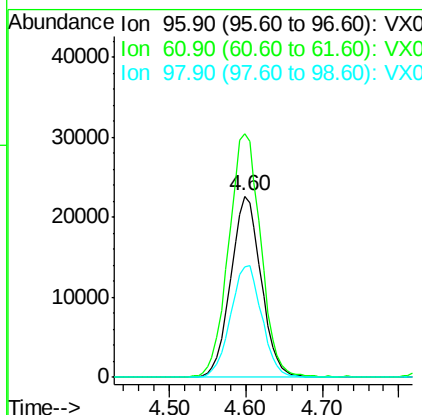
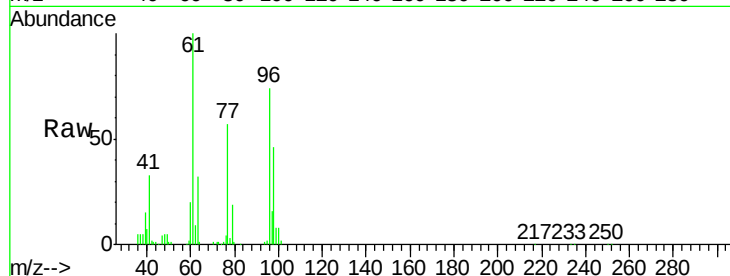
cis-1,2-Dichloroethene
Concen: 18.006 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX007841.D
Acq: 05 Mar 2019 17:01

Instrument :
MSVOA_X
ClientSampleId :
VX0305WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	142.8	0.0	265.6
98	63.0	0.0	131.6

Manual Integrations
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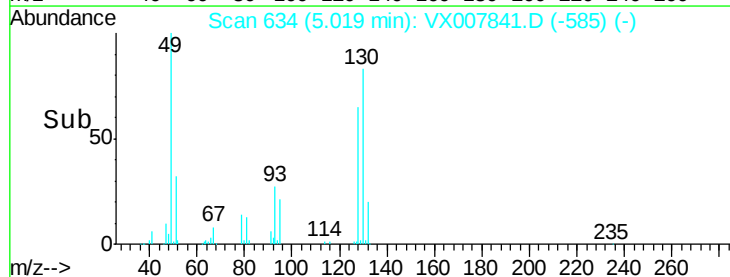
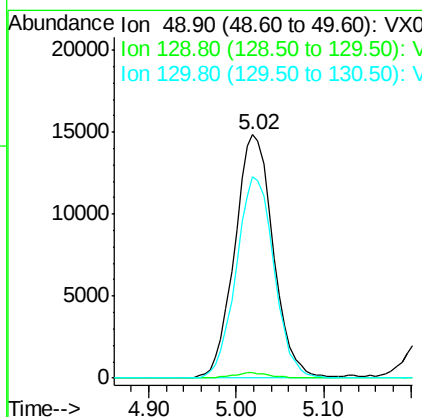
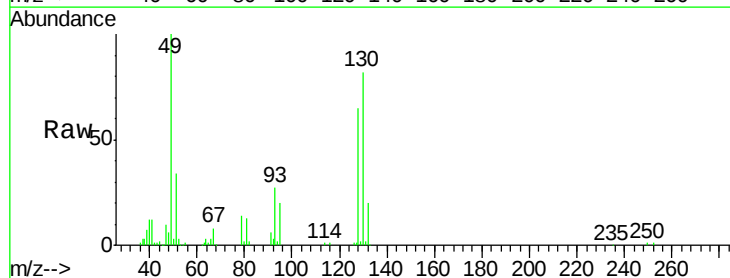
MMDadoda
3/6/2019 9:49:40 AM

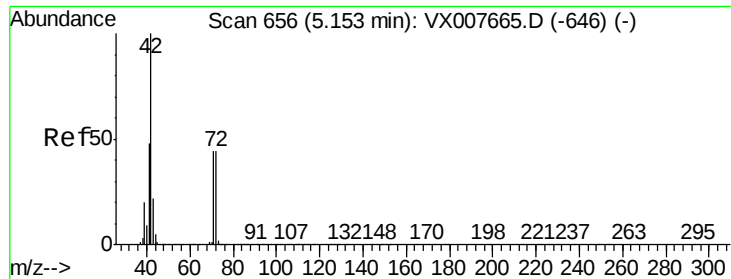


#28

Bromochloromethane
Concen: 17.857 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX007841.D
Acq: 05 Mar 2019 17:01

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	5.6
130	81.3	75.6	113.4





#29

Tetrahydrofuran

Concen: 102.697 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX007841.D

Acq: 05 Mar 2019 17:01

Instrument :

MSVOA_X

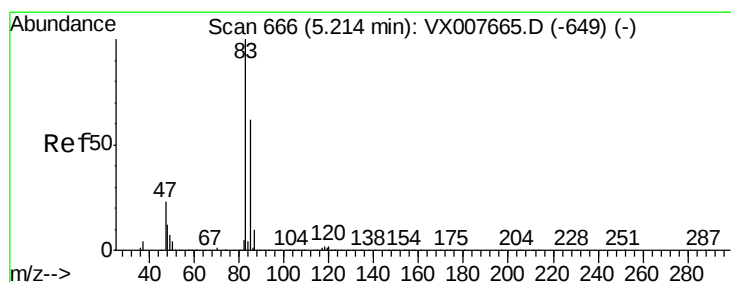
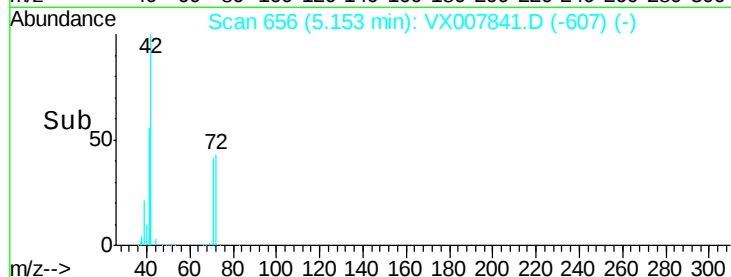
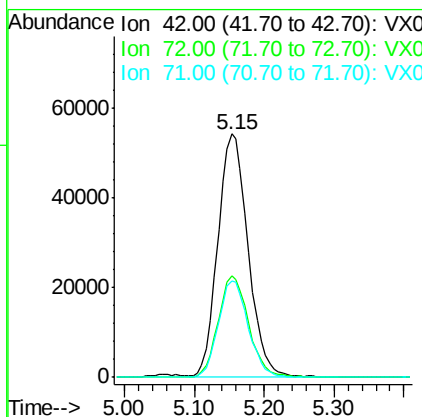
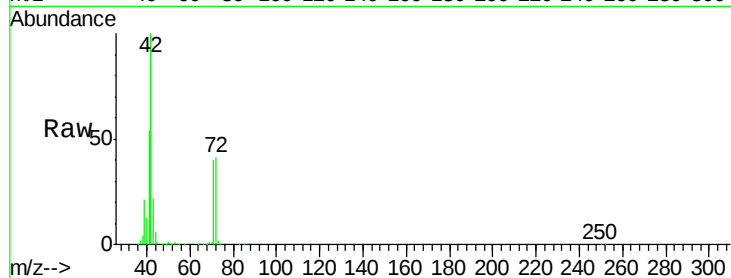
ClientSampleId :

VX0305WBSD01

Tot Ion:	42	Resp:	162147
Ion Ratio		Lower	Upper
42	100		
72	42.1	37.6	56.4
71	39.6	34.6	51.8

Manual Integrations
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#30

Chloroform

Concen: 18.063 ug/l

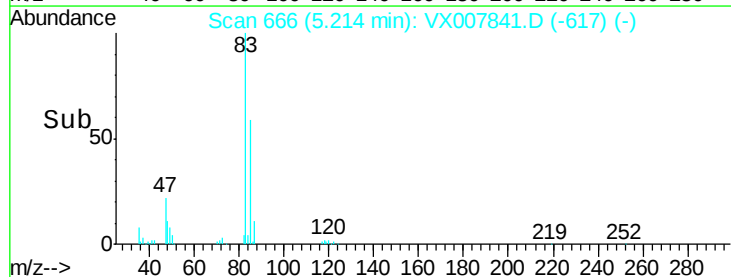
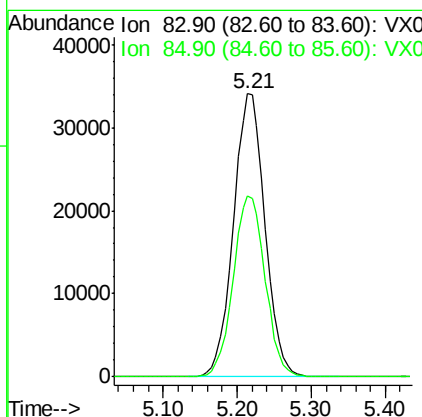
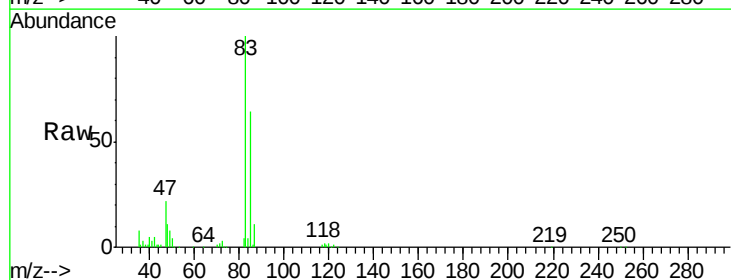
RT: 5.21 min Scan# 666

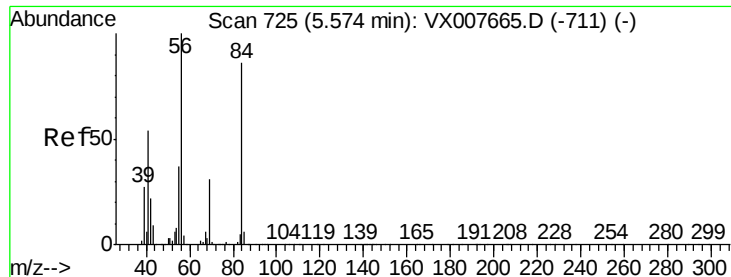
Delta R.T. -0.00 min

Lab File: VX007841.D

Acq: 05 Mar 2019 17:01

Tgt Ion:	83	Resp:	101065
Ion Ratio		Lower	Upper
83	100		
85	63.9	51.6	77.4





#31

Cyclohexane

Concen: 18.037 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.01 min

Lab File: VX007841.D

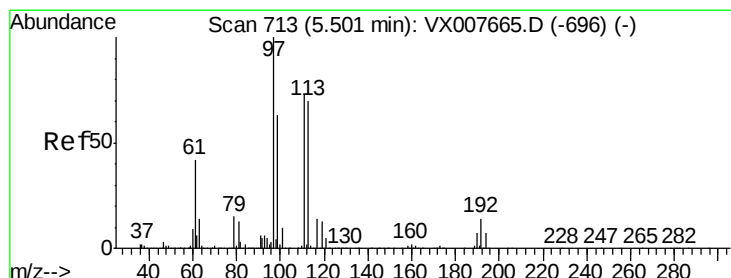
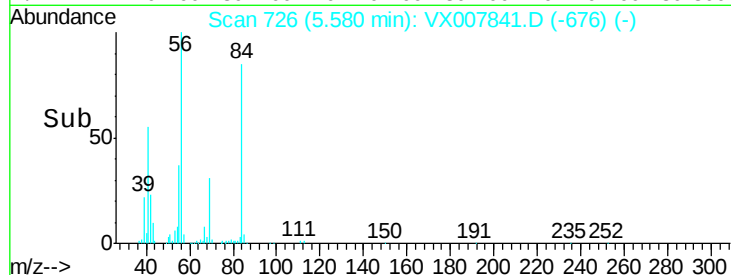
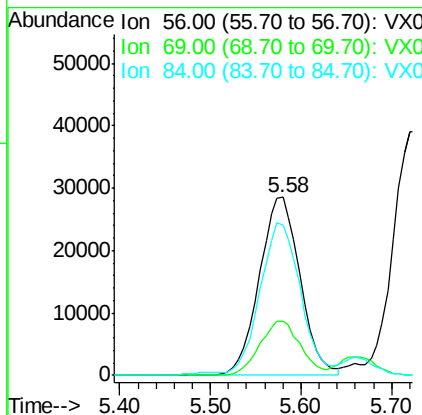
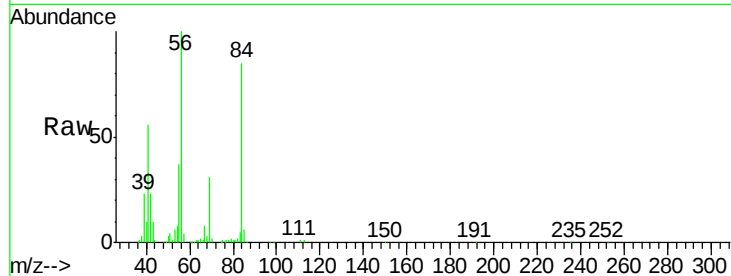
Acq: 05 Mar 2019 17:01

Tot Ion:	56	Resp:	88625
Ion Ratio		Lower	Upper
56	100		
69	30.8	23.0	34.6
84	83.7	69.8	104.6

Instrument :
MSVOA_X
ClientSampleId :
VX0305WBSD01

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 18.662 ug/l

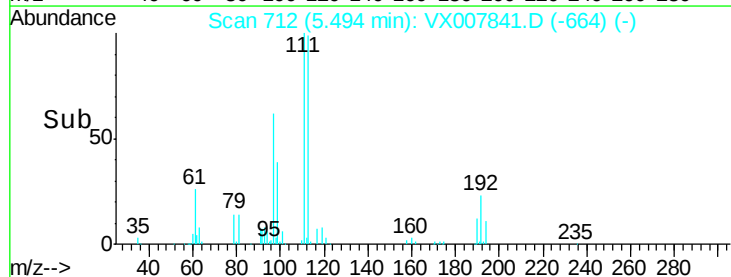
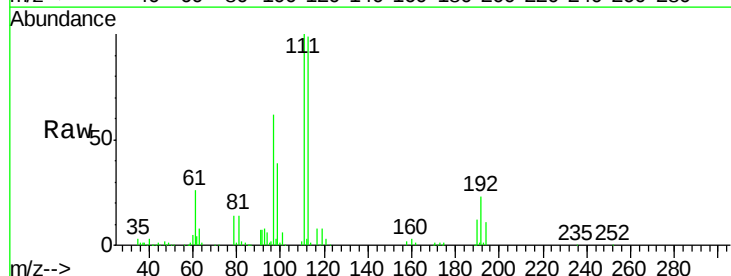
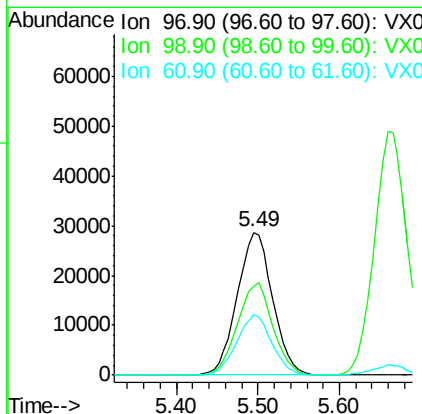
RT: 5.49 min Scan# 712

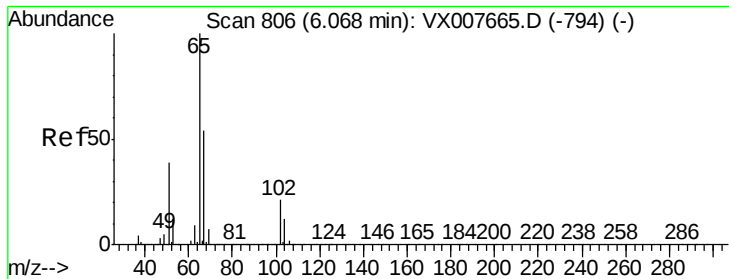
Delta R.T. -0.01 min

Lab File: VX007841.D

Acq: 05 Mar 2019 17:01

Tgt Ion:	97	Resp:	86358
Ion Ratio		Lower	Upper
97	100		
99	64.7	52.2	78.2
61	42.0	32.7	49.1





#33

1,2-Dichloroethane-d4

Concen: 44.454 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007841.D

Acq: 05 Mar 2019 17:01

Instrument :

MSVOA_X

ClientSampleId :

VX0305WBSD01

Tot Ion: 65 Resp: 157188

Ion Ratio Lower Upper

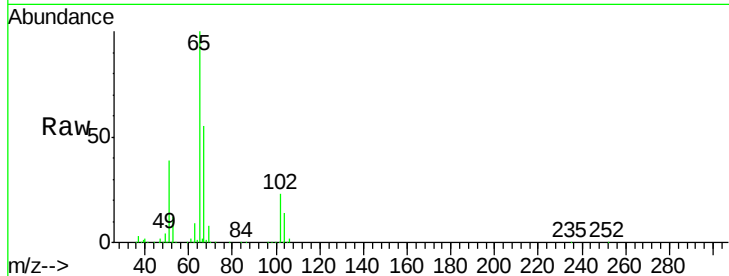
65 100

67 55.2 0.0 108.8

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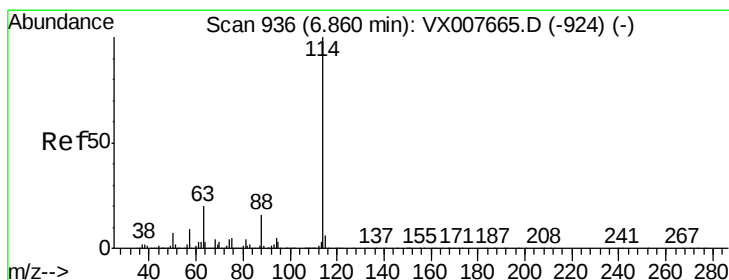
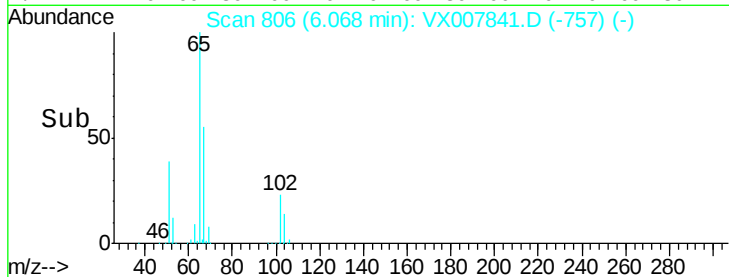
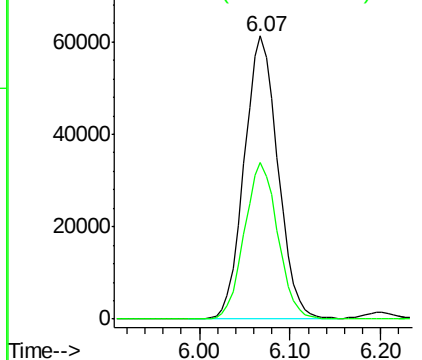
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007841.D

Acq: 05 Mar 2019 17:01

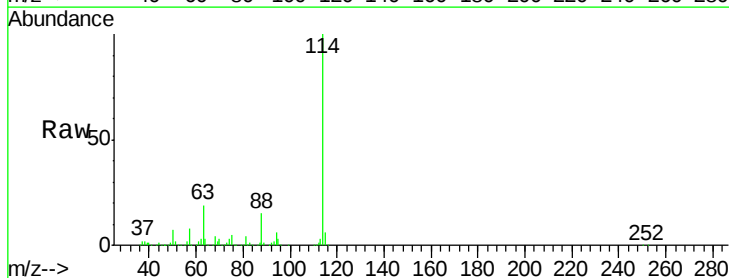
Tgt Ion: 114 Resp: 420635

Ion Ratio Lower Upper

114 100

63 19.1 0.0 35.6

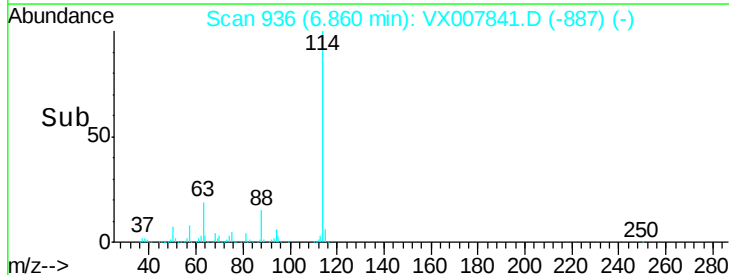
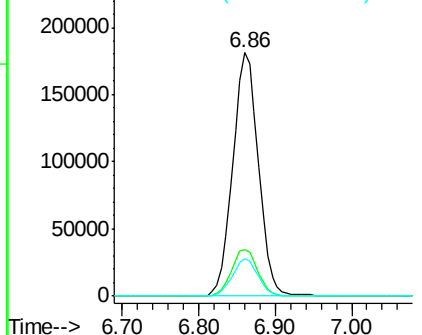
88 15.2 0.0 29.6

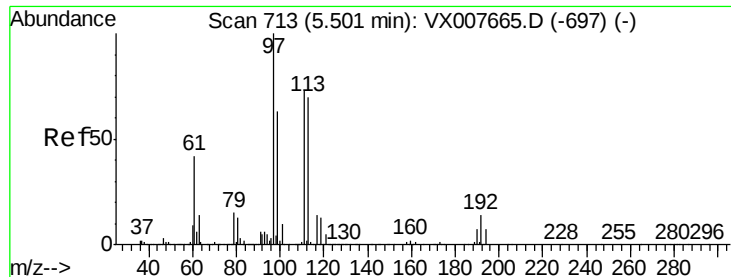


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 50.244 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007841.D

Acq: 05 Mar 2019 17:01

Instrument :

MSVOA_X

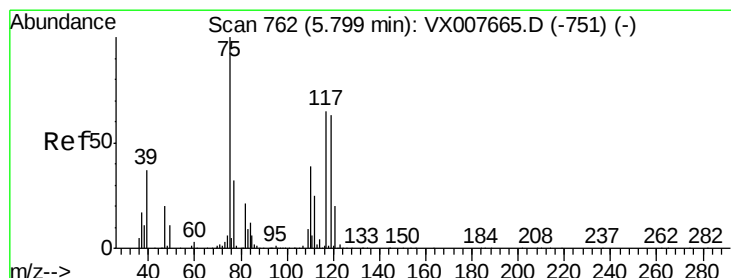
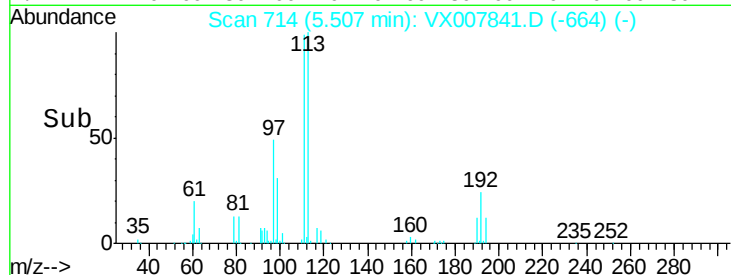
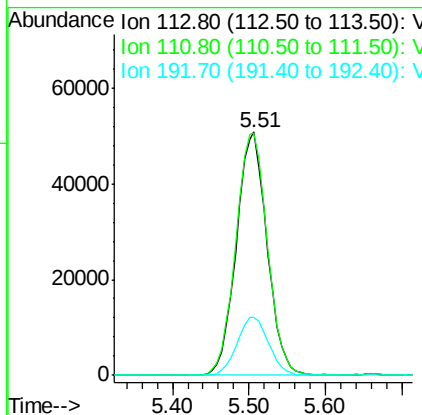
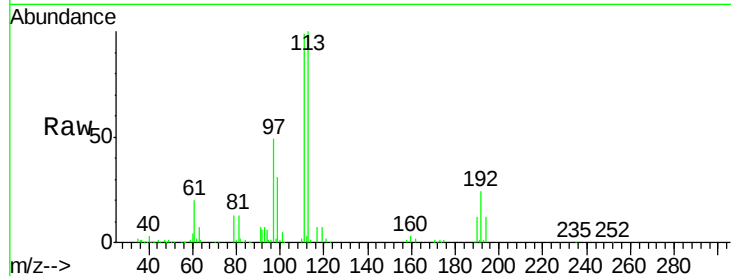
ClientSampleId :

VX0305WBSD01

Tot Ion:	113	Resp:	141277
Ion Ratio	Lower	Upper	
113	100		
111	102.4	81.8	122.8
192	24.5	18.5	27.7

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 18.856 ug/l

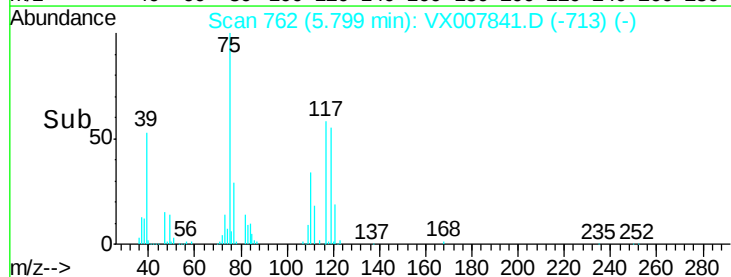
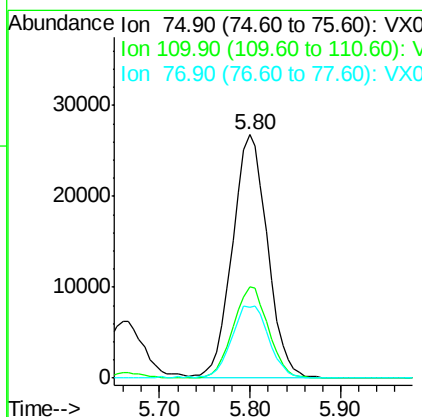
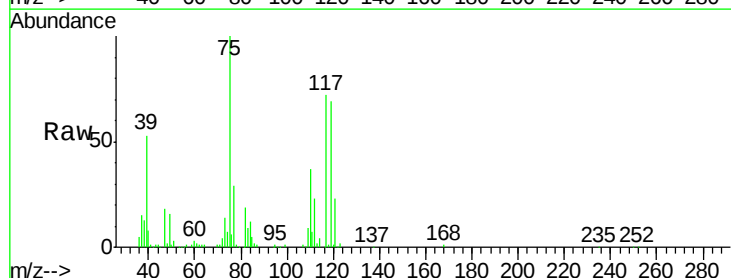
RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX007841.D

Acq: 05 Mar 2019 17:01

Tgt Ion:	75	Resp:	71308
Ion Ratio	Lower	Upper	
75	100		
110	38.0	20.0	59.9
77	31.8	24.7	37.1





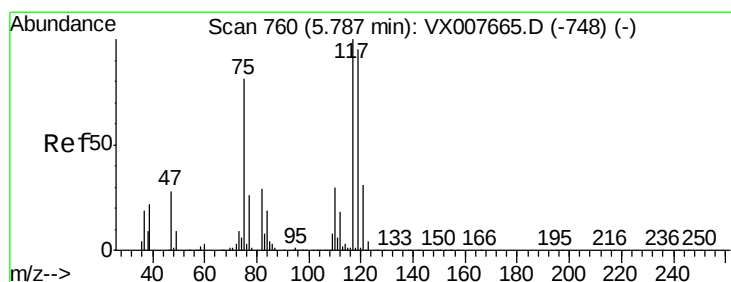
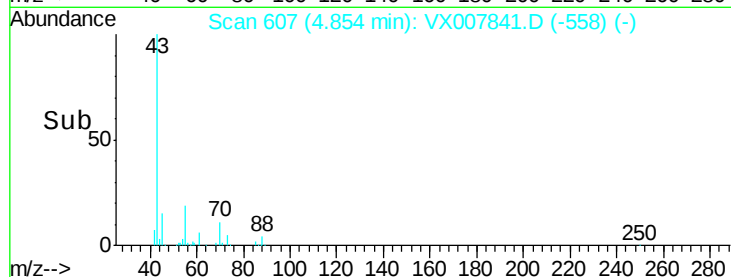
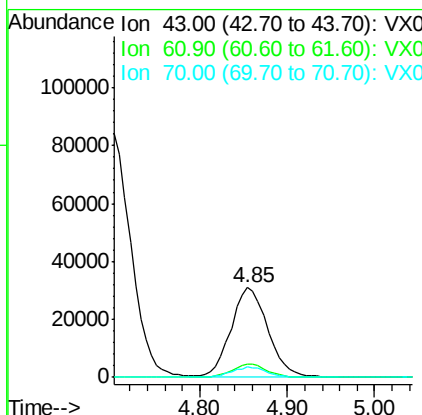
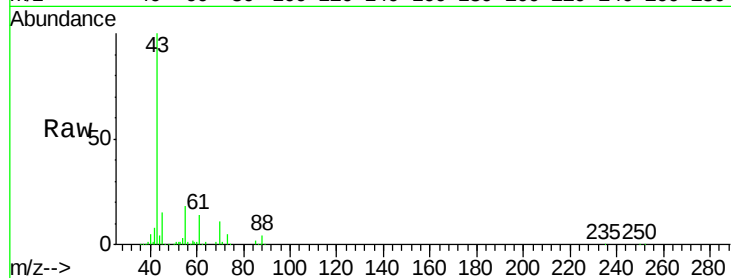
#37
Ethyl Acetate
Concen: 21.419 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX007841.D
Acq: 05 Mar 2019 17:01

Instrument :
MSVOA_X
ClientSampleId :
VX0305WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.5	11.3	16.9
70	11.0	8.6	13.0

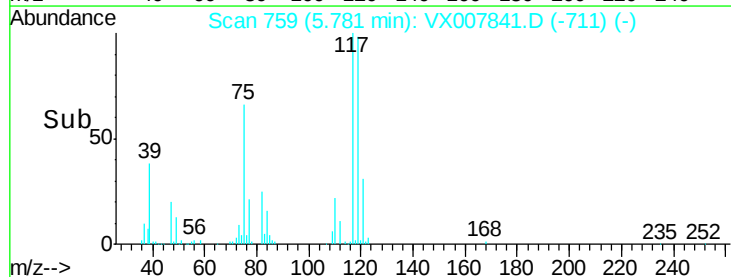
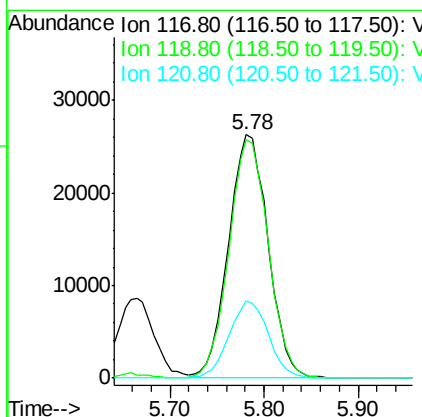
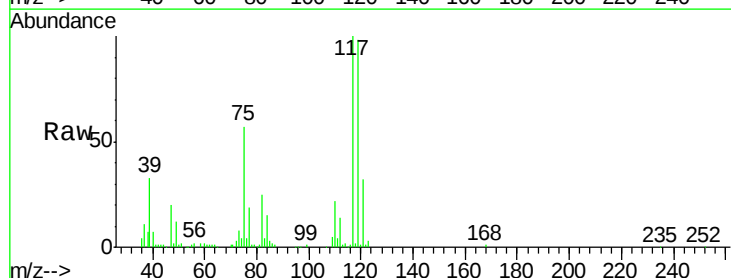
Manual Integrations
APPROVED

MMDadoda
3/6/2019 9:49:40 AM



#38
Carbon Tetrachloride
Concen: 20.267 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX007841.D
Acq: 05 Mar 2019 17:01

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.0	75.3	112.9
121	31.6	25.0	37.4





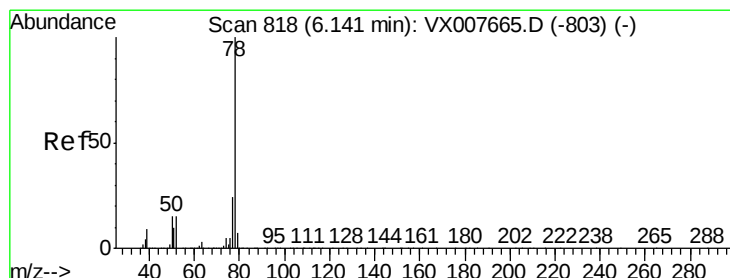
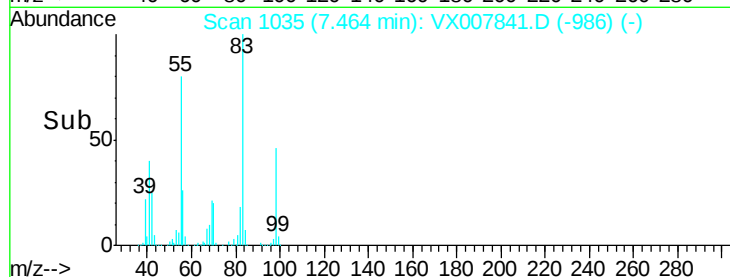
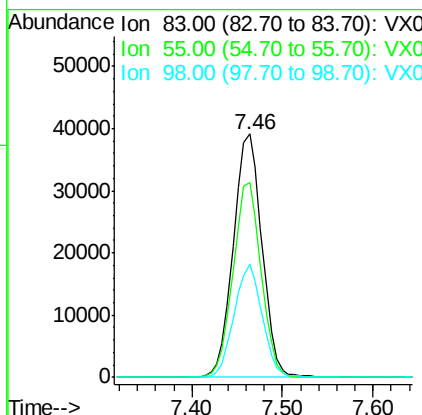
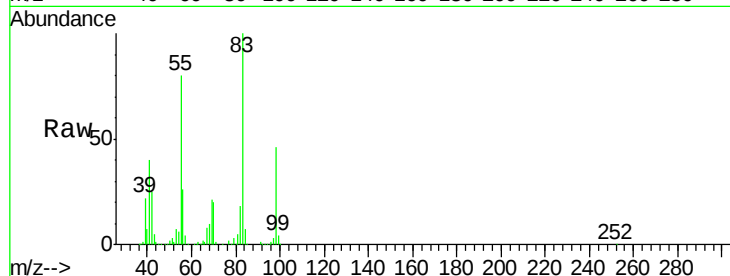
#39
Methvlcvclohexane
Concen: 17.920 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX007841.D
Acq: 05 Mar 2019 17:01

Instrument :
MSVOA_X
ClientSampleId :
VX0305WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.9	56.2	84.2
98	46.2	36.8	55.2

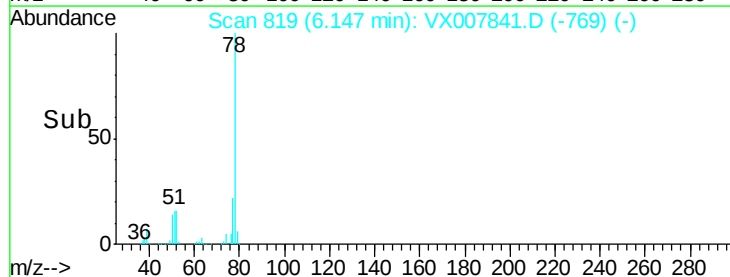
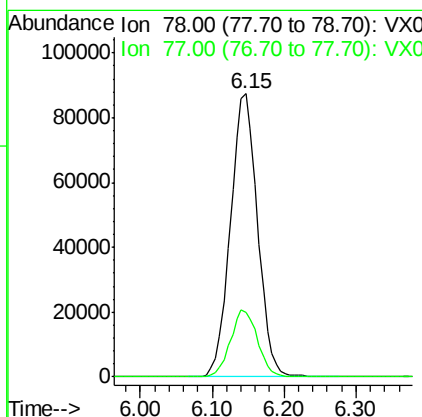
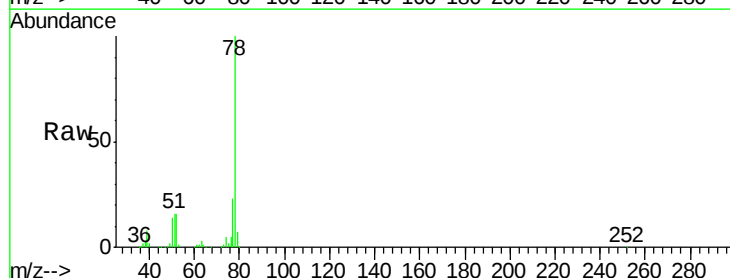
Manual Integrations
APPROVED

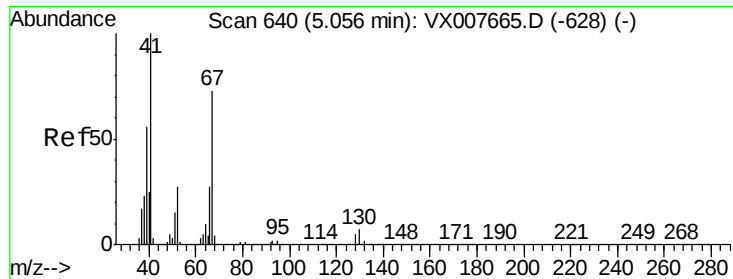
MMDadoda
3/6/2019 9:49:40 AM



#40
Benzene
Concen: 19.600 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX007841.D
Acq: 05 Mar 2019 17:01

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.9	19.3	28.9





#41

Methacrylonitrile

Concen: 22.083 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.00 min

Lab File: VX007841.D

Acq: 05 Mar 2019 17:01

Instrument :

MSVOA_X

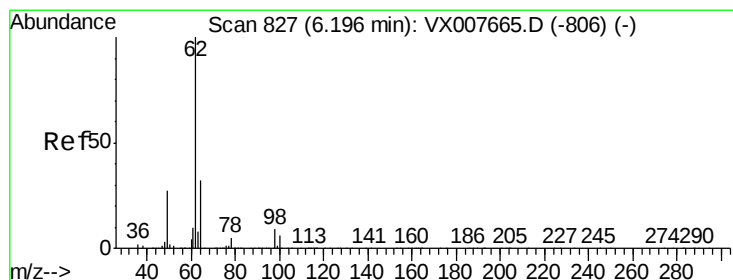
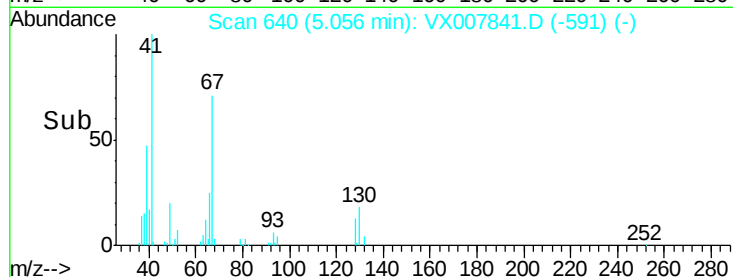
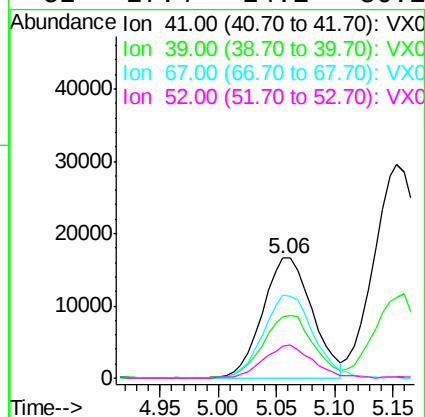
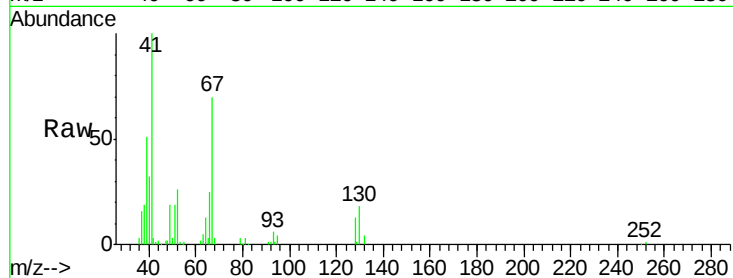
ClientSampleId :

VX0305WBSD01

Tot Ion:	41	Resp:	49536
Ion	Ratio	Lower	Upper
41	100		
39	51.8	44.5	66.7
67	69.8	60.4	90.6
52	27.4	24.1	36.1

Manual Integrations
APPROVED

MMDadoda
3/6/2019 9:49:40 AM



#42

1,2-Dichloroethane

Concen: 19.581 ug/l

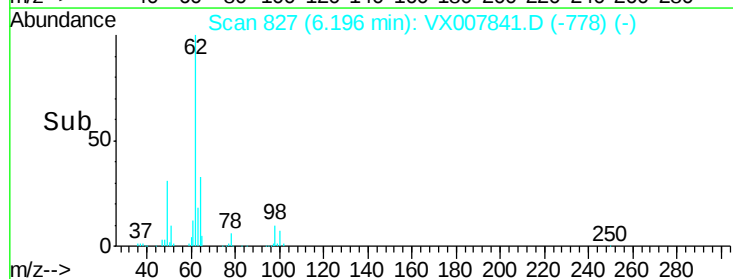
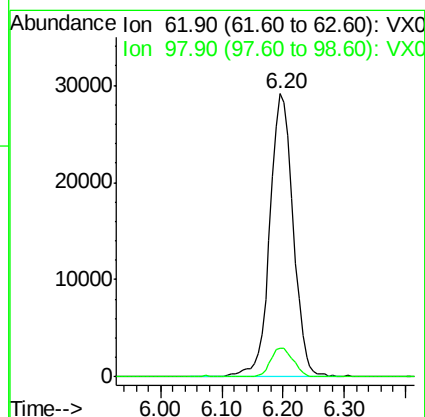
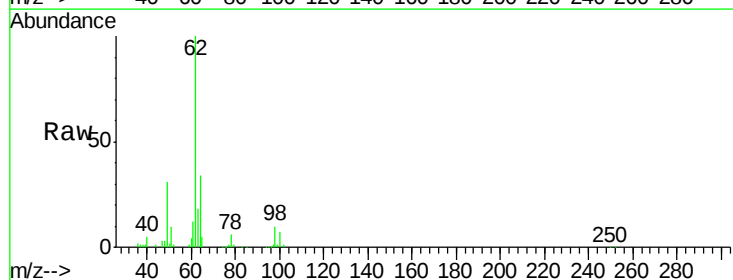
RT: 6.20 min Scan# 827

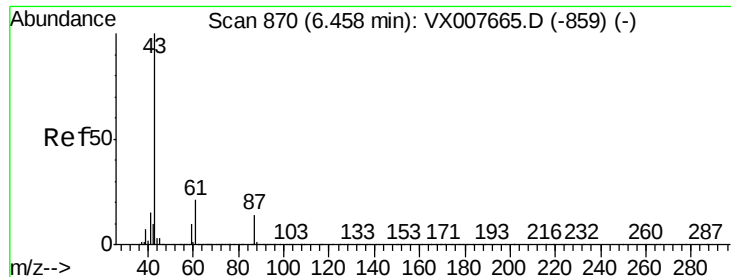
Delta R.T. -0.00 min

Lab File: VX007841.D

Acq: 05 Mar 2019 17:01

Tgt Ion:	62	Resp:	76830
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	19.0





#43

Isopropyl Acetate

Concen: 21.888 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX007841.D

Acq: 05 Mar 2019 17:01

Instrument :

MSVOA_X

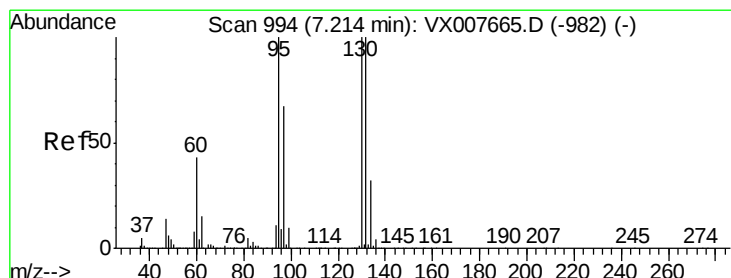
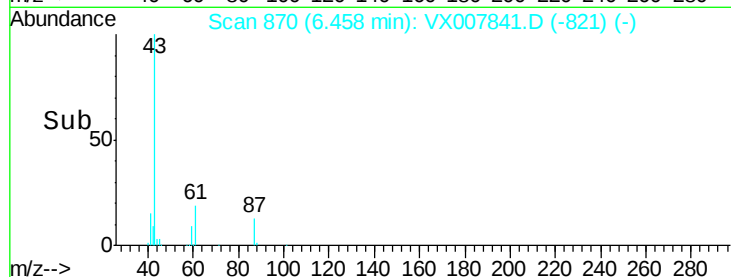
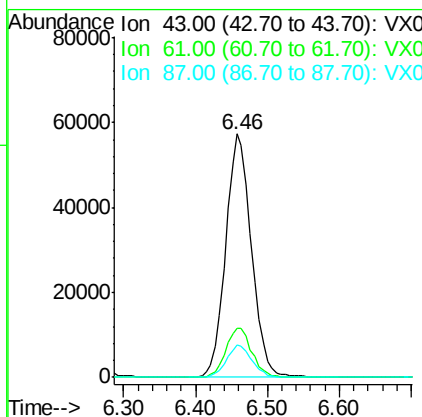
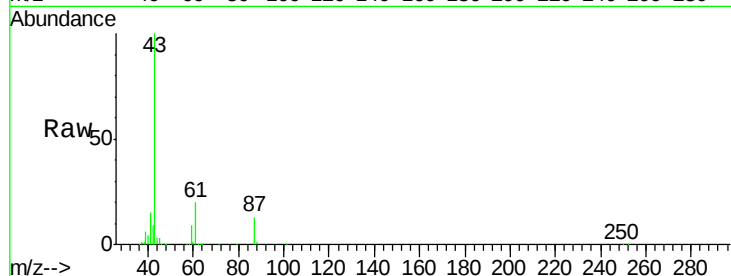
ClientSampleId :

VX0305WBSD01

Tot Ion:	43	Resp:	141510
Ion	Ratio	Lower	Upper
43	100		
61	20.5	16.1	24.1
87	13.1	11.5	17.3

Manual Integrations
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3/6/2019 9:49:40 AM



#44

Trichloroethene

Concen: 18.973 ug/l

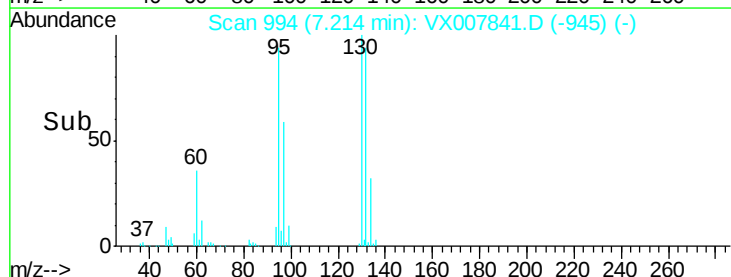
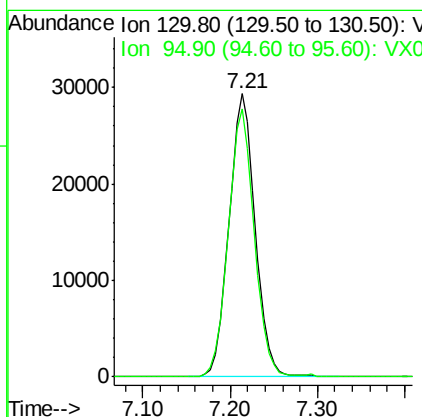
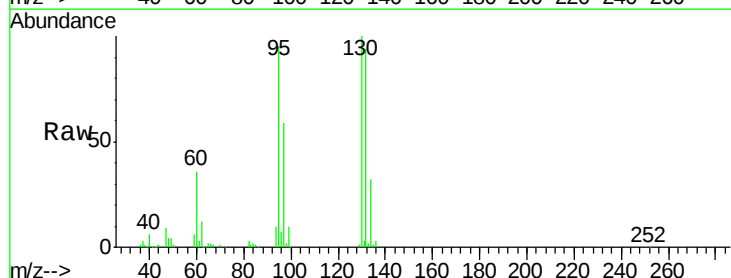
RT: 7.21 min Scan# 994

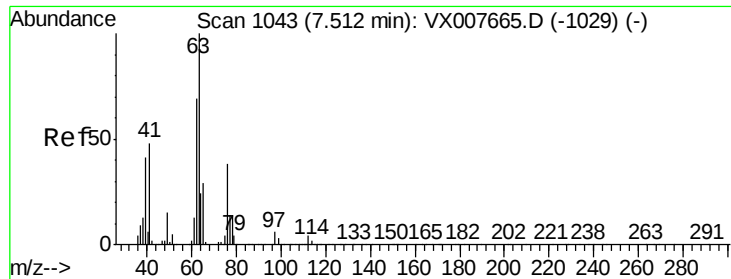
Delta R.T. -0.00 min

Lab File: VX007841.D

Acq: 05 Mar 2019 17:01

Tgt Ion:	130	Resp:	60929
Ion	Ratio	Lower	Upper
130	100		
95	94.8	0.0	180.0





#45

1,2-Dichloropropane

Concen: 20.694 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VX007841.D

Acq: 05 Mar 2019 17:01

Instrument :

MSVOA_X

ClientSampleId :

VX0305WBSD01

Tot Ion: 63 Resp: 62577

Ion Ratio Lower Upper

63 100

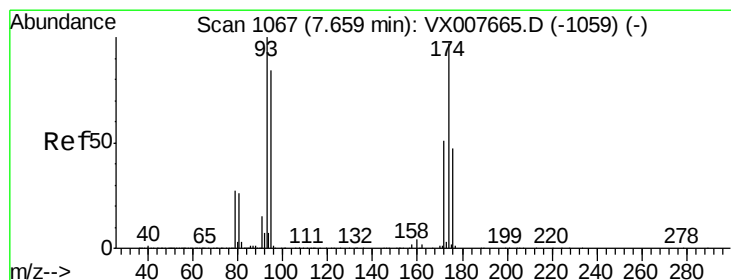
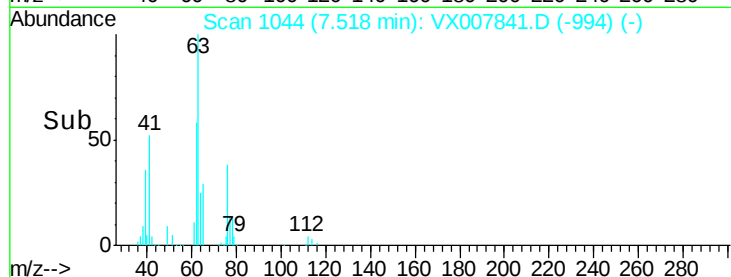
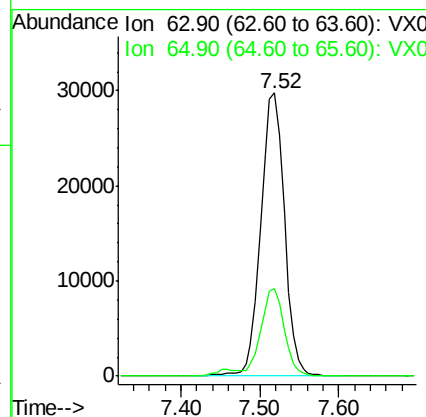
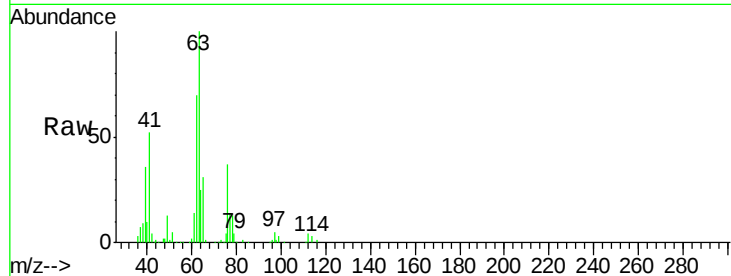
65 30.8 24.2 36.2

Manual Integrations

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3/6/2019 9:49:40 AM



#46

Dibromomethane

Concen: 18.403 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX007841.D

Acq: 05 Mar 2019 17:01

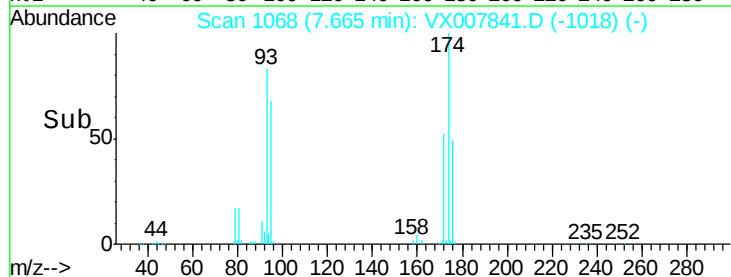
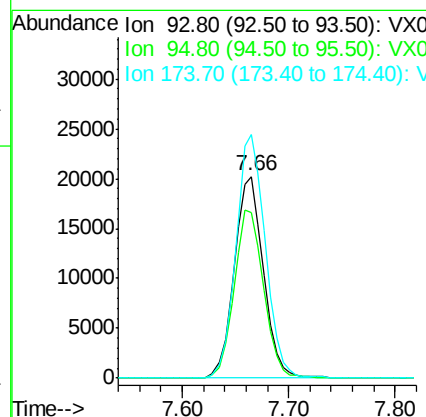
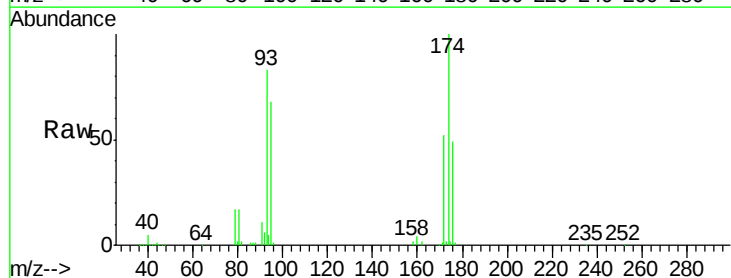
Tgt Ion: 93 Resp: 38823

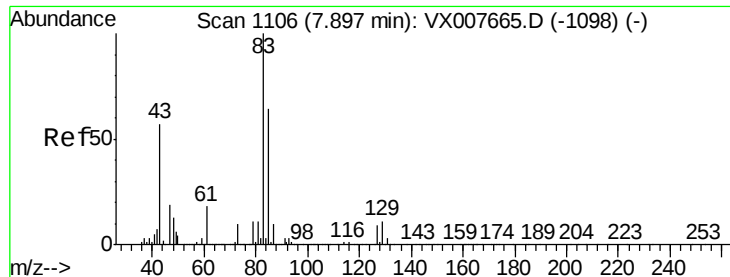
Ion Ratio Lower Upper

93 100

95 84.1 67.6 101.4

174 121.5 94.2 141.4





#47

Bromodichloromethane

Concen: 21.761 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007841.D

Acq: 05 Mar 2019 17:01

Instrument :

MSVOA_X

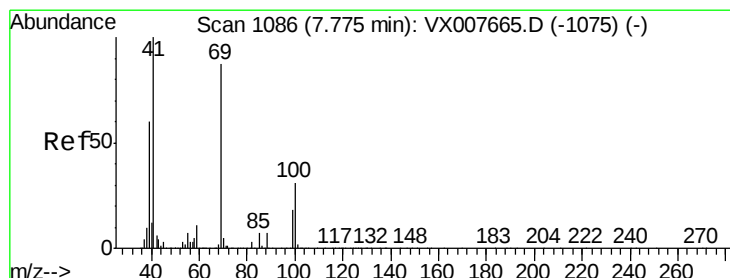
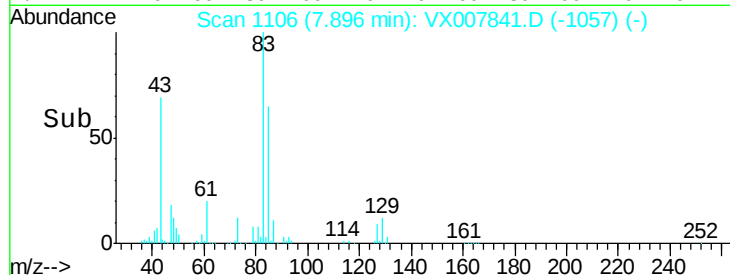
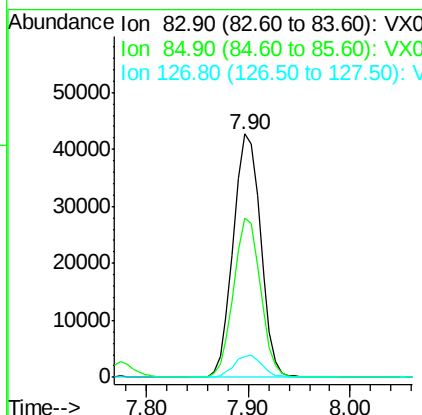
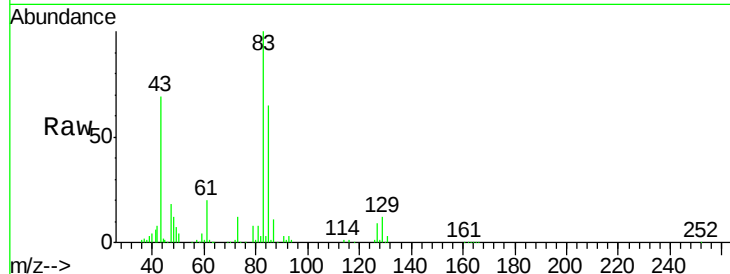
ClientSampleId :

VX0305WBSD01

Tot Ion:	83	Resp:	79557
Ion Ratio	Lower	Upper	
83	100		
85	65.2	51.4	77.0
127	8.7	8.1	12.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 20.062 ug/l

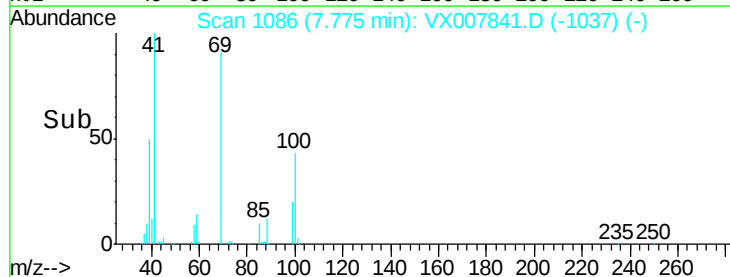
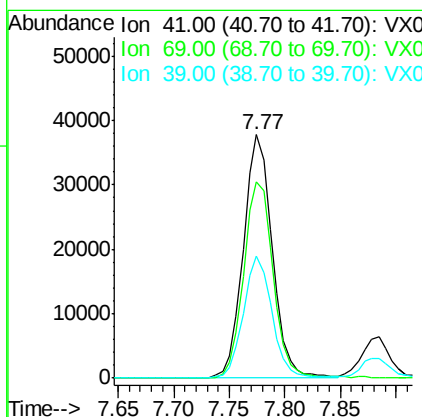
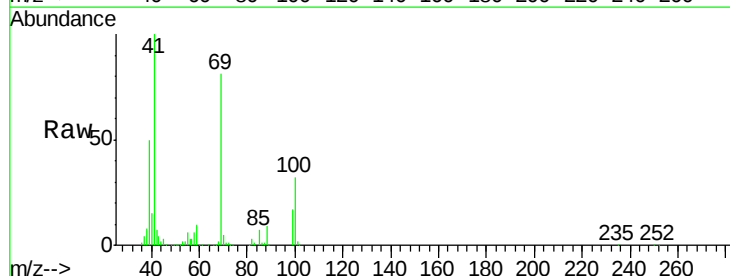
RT: 7.77 min Scan# 1086

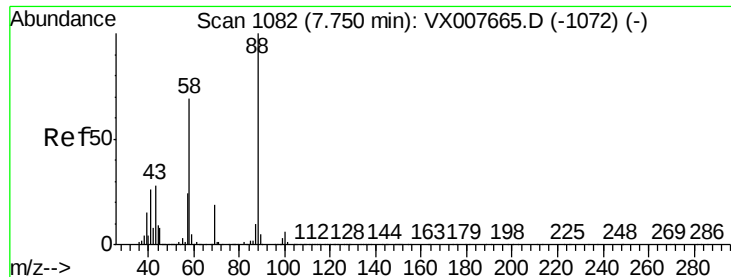
Delta R.T. -0.00 min

Lab File: VX007841.D

Acq: 05 Mar 2019 17:01

Tgt Ion:	41	Resp:	67990
Ion Ratio	Lower	Upper	
41	100		
69	82.8	70.2	105.4
39	50.0	47.4	71.0





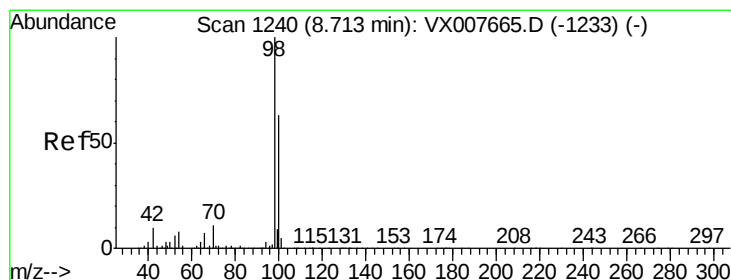
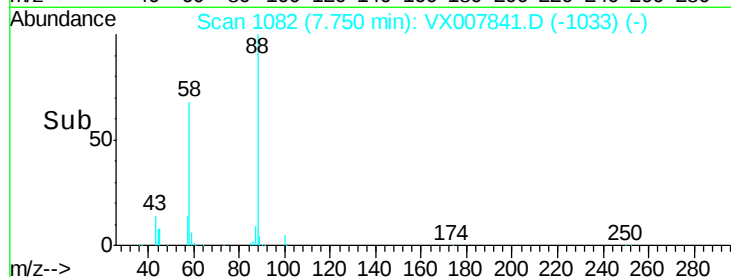
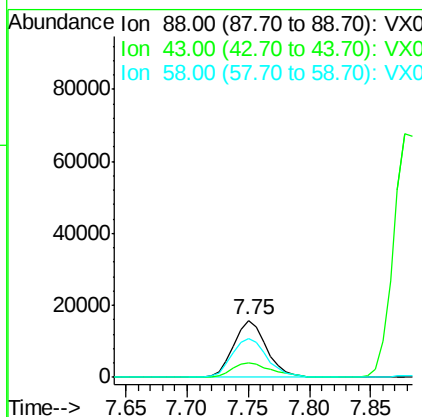
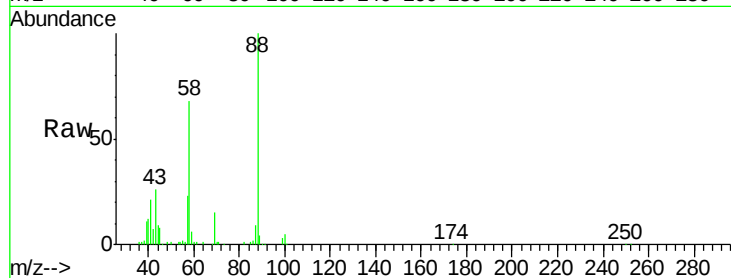
#49
1,4-Dioxane
Concen: 402.998 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.00 min
Lab File: VX007841.D
Acq: 05 Mar 2019 17:01

Instrument :
MSVOA_X
ClientSampleId :
VX0305WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.3	24.2	36.4
58	73.5	53.0	79.4

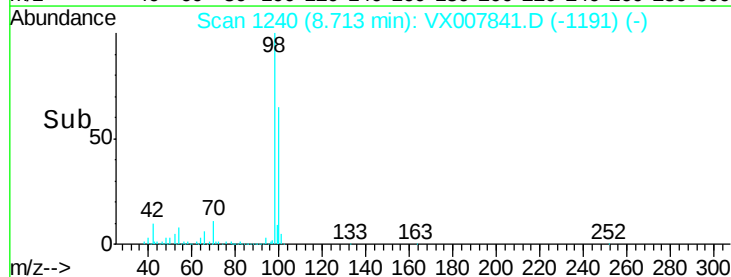
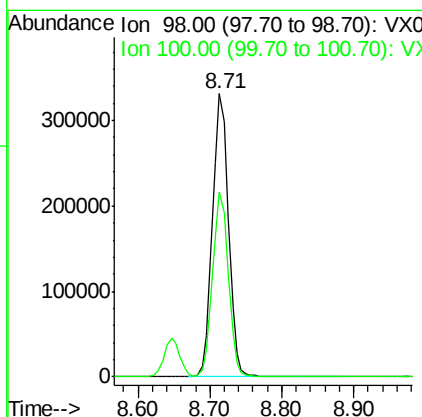
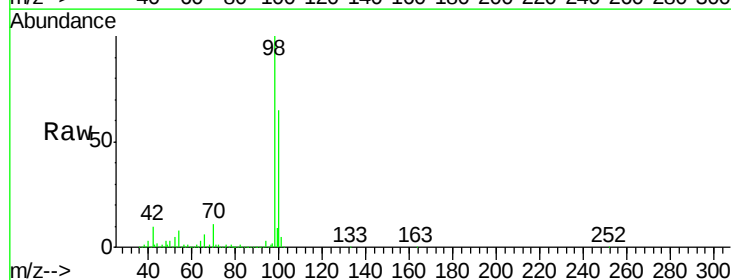
Manual Integrations
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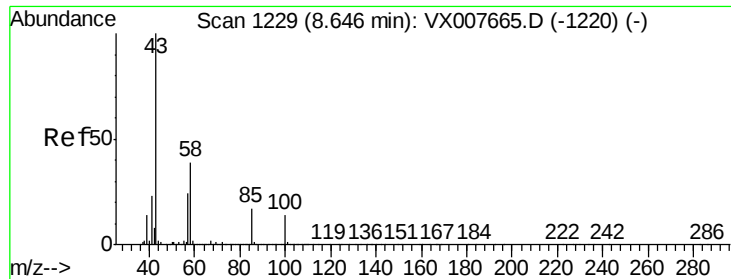
MMDadoda
3/6/2019 9:49:40 AM



#50
Toluene-d8
Concen: 47.406 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007841.D
Acq: 05 Mar 2019 17:01

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 106.890 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX007841.D

Acq: 05 Mar 2019 17:01

Instrument :

MSVOA_X

ClientSampled :

VX0305WBSD01

Tot Ion: 43 Resp: 462589

Ion Ratio Lower Upper

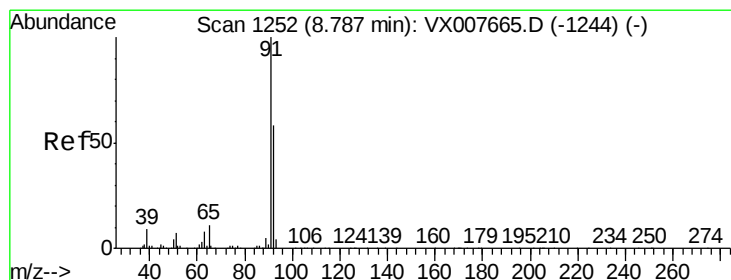
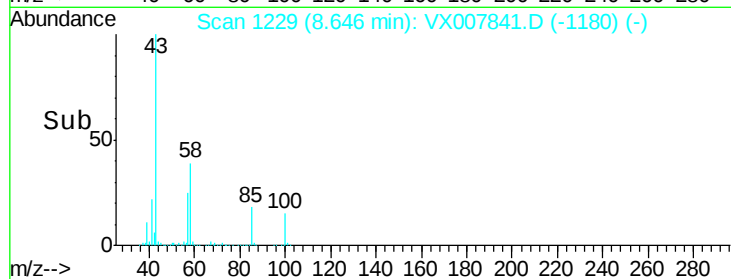
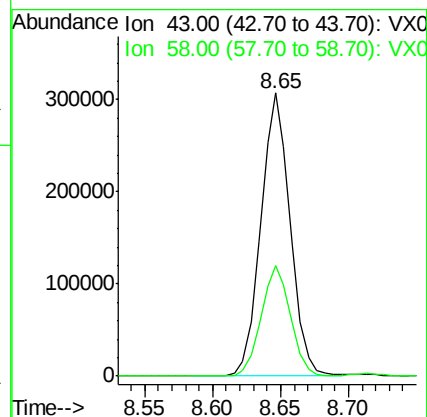
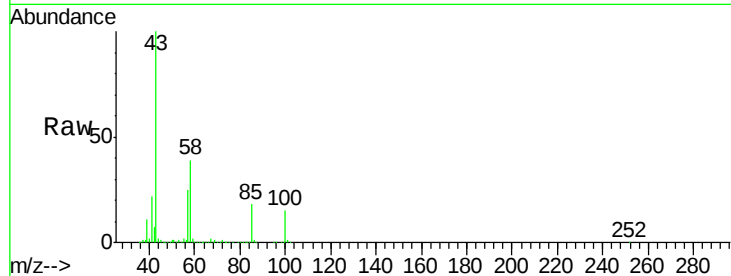
43 100

58 39.2 31.2 46.8

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3/6/2019 9:49:40 AM



#52

Toluene

Concen: 18.764 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX007841.D

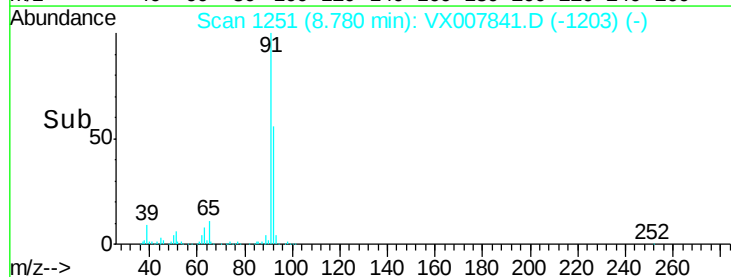
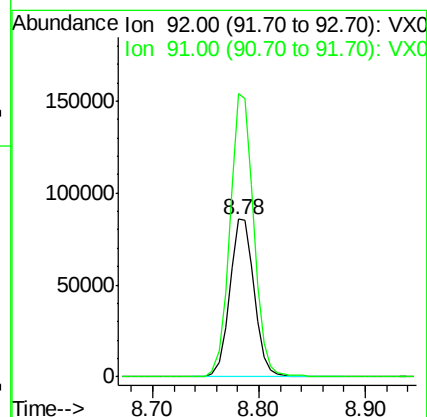
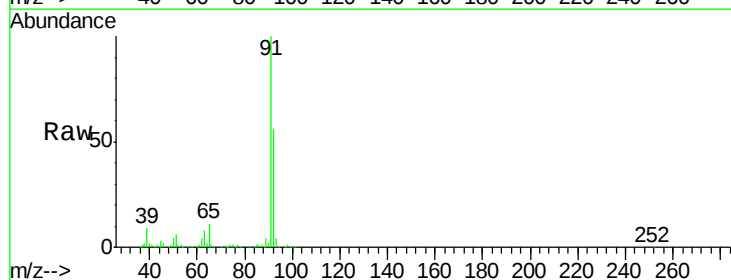
Acq: 05 Mar 2019 17:01

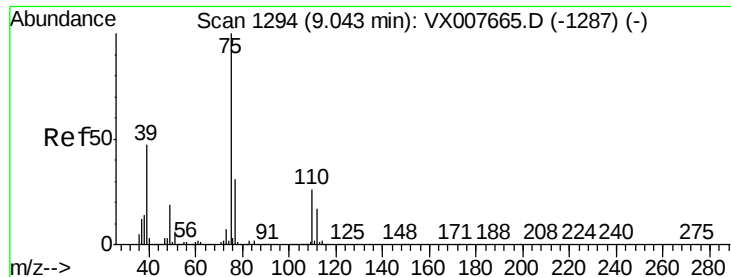
Tgt Ion: 92 Resp: 138124

Ion Ratio Lower Upper

92 100

91 175.1 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 19.940 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007841.D

Acq: 05 Mar 2019 17:01

Instrument :

MSVOA_X

ClientSampleId :

VX0305WBSD01

Tot Ion: 75 Resp: 82516

Ion Ratio Lower Upper

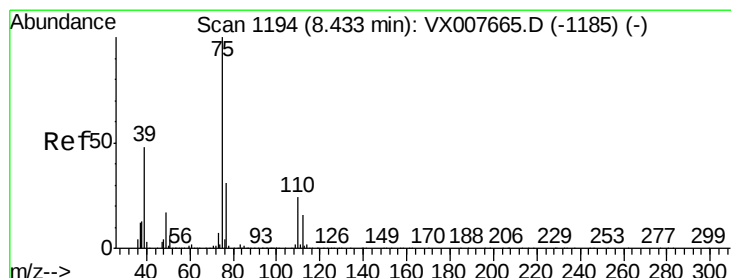
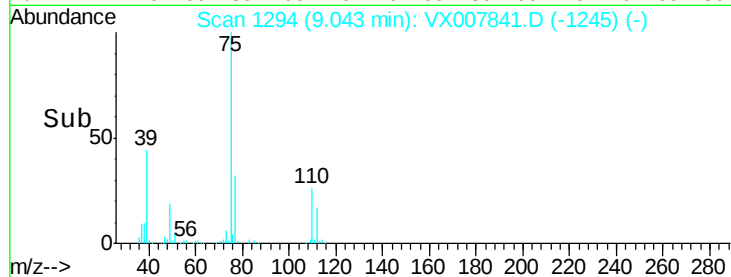
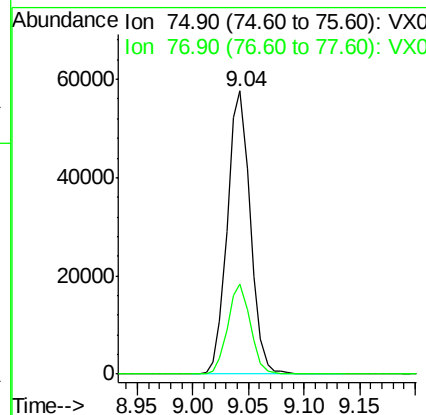
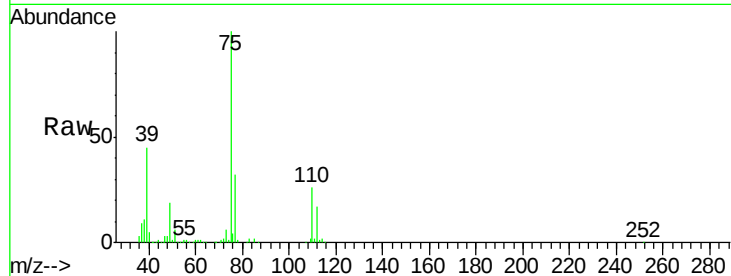
75 100

77 31.7 25.2 37.8

Manual Integrations
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#54

cis-1,3-Dichloropropene

Concen: 20.504 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX007841.D

Acq: 05 Mar 2019 17:01

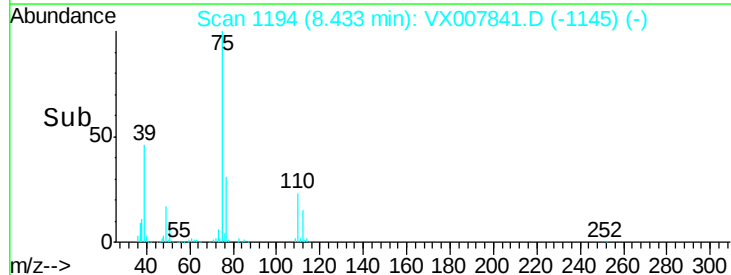
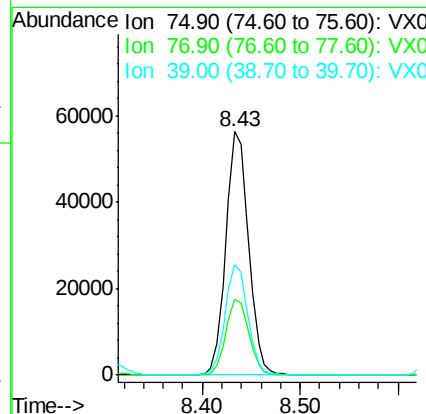
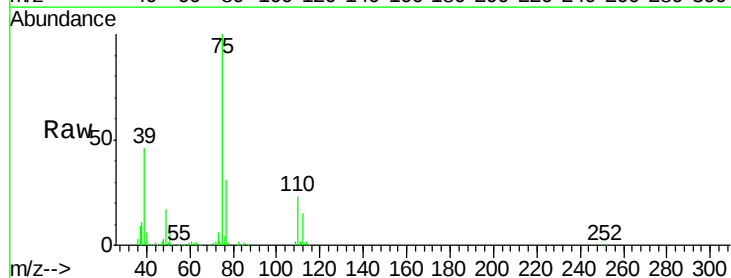
Tgt Ion: 75 Resp: 90967

Ion Ratio Lower Upper

75 100

77 31.3 26.2 39.4

39 45.4 37.1 55.7





#55

1,1,2-Trichloroethane

Concen: 19.686 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX007841.D

Acq: 05 Mar 2019 17:01

Instrument :

MSVOA_X

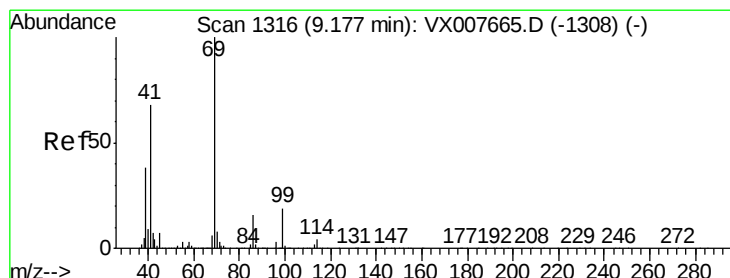
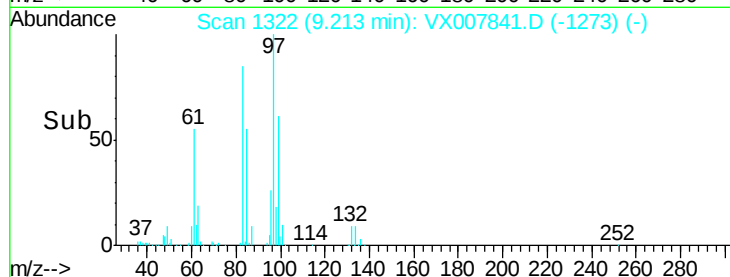
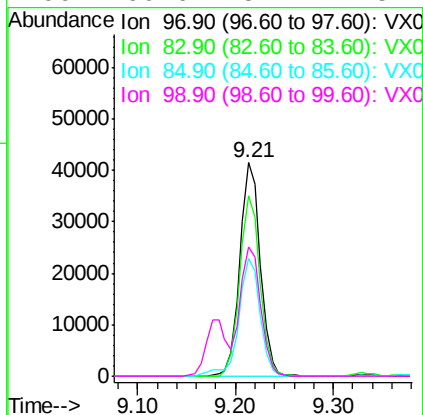
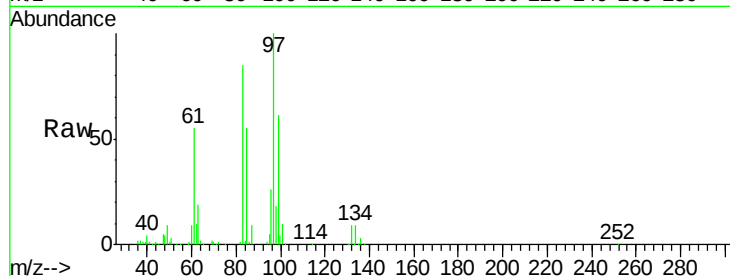
ClientSampleId :

VX0305WBSD01

Tot Ion:	97	Resp:	60430
Ion	Ratio	Lower	Upper
97	100		
83	84.6	68.6	102.8
85	55.3	44.5	66.7
99	60.6	52.2	78.4

Manual Integrations
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#56

Ethyl methacrylate

Concen: 19.505 ug/l

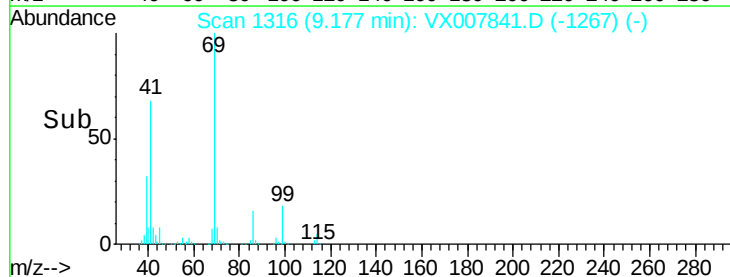
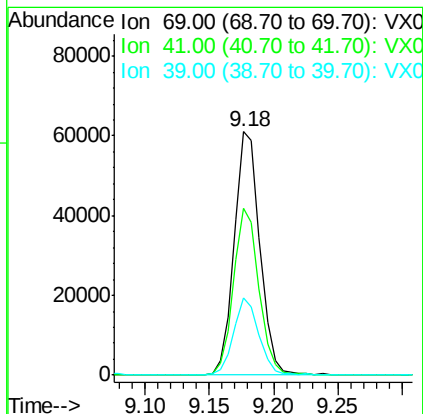
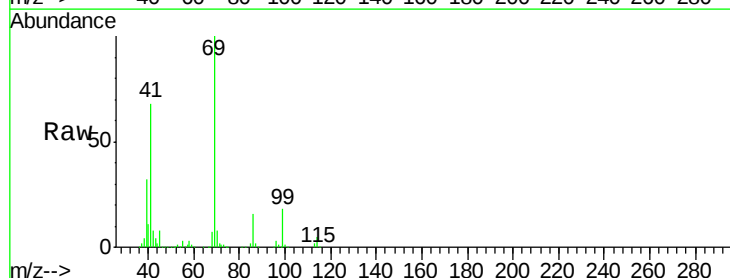
RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX007841.D

Acq: 05 Mar 2019 17:01

Tgt Ion:	69	Resp:	85148
Ion	Ratio	Lower	Upper
69	100		
41	68.3	52.1	78.1
39	30.9	30.1	45.1





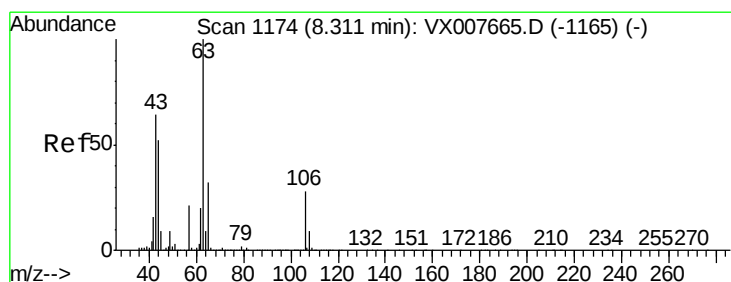
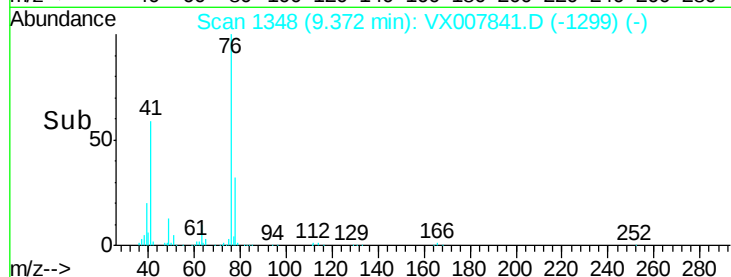
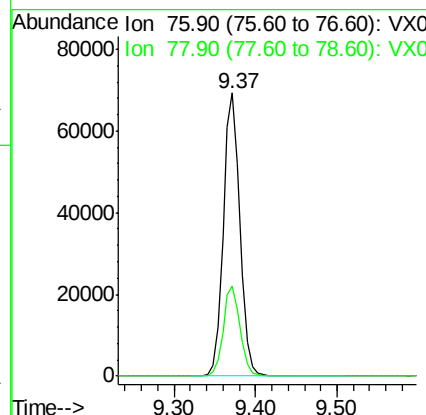
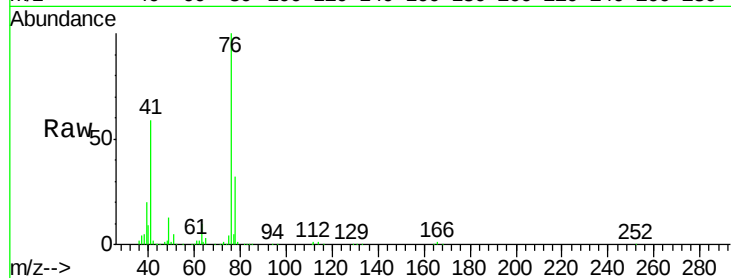
#57
 1,3-Dichloropropane
 Concen: 20.076 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX007841.D
 Acq: 05 Mar 2019 17:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0305WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.1	25.8	38.8

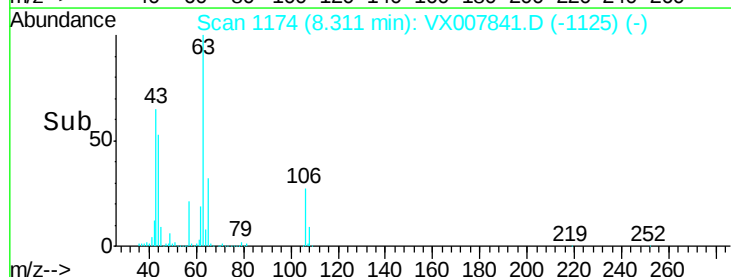
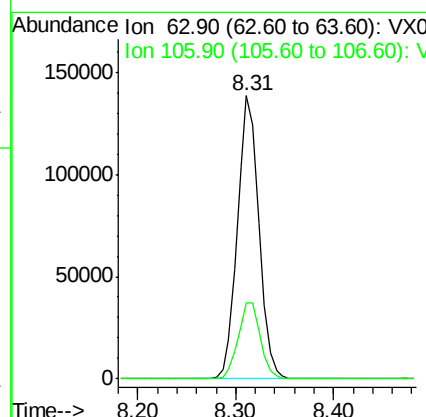
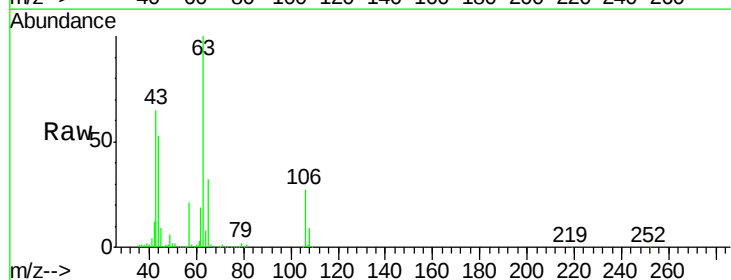
Manual Integrations
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 3/6/2019 9:49:40 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 87.660 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX007841.D
 Acq: 05 Mar 2019 17:01

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.7	23.6	35.4





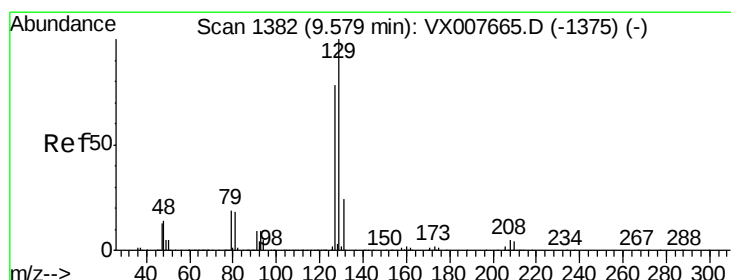
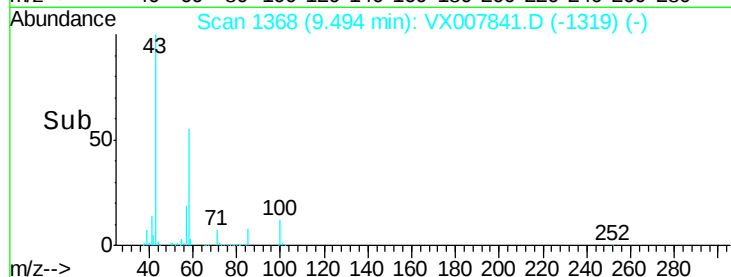
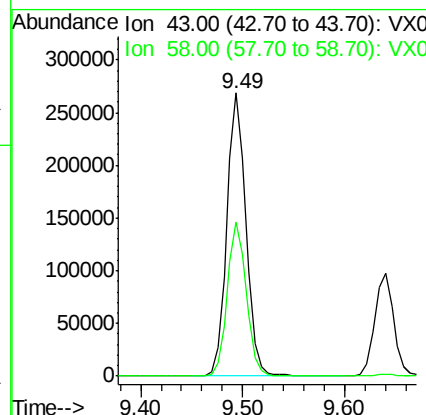
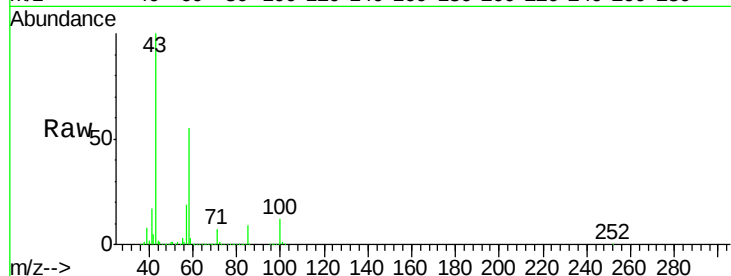
#59
2-Hexanone
Concen: 103.100 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007841.D
Acq: 05 Mar 2019 17:01

Instrument :
MSVOA_X
ClientSampleId :
VX0305WBSD01

Tot Ion: 43 Resp: 350297
Ion Ratio Lower Upper
43 100
58 54.5 27.1 81.3

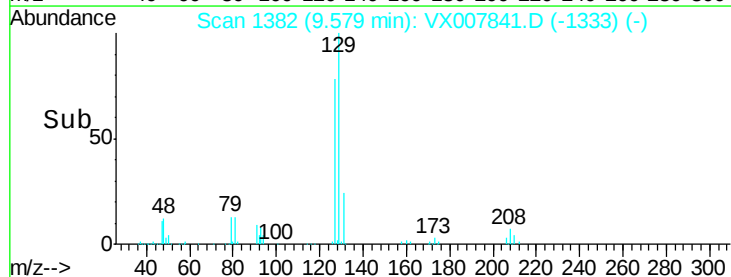
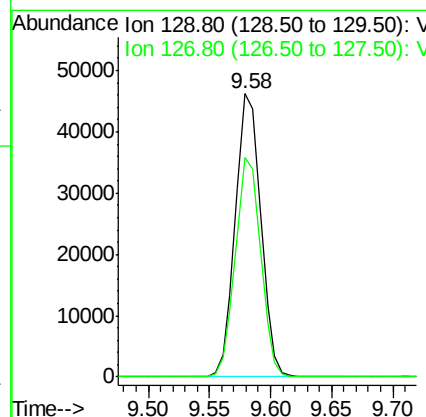
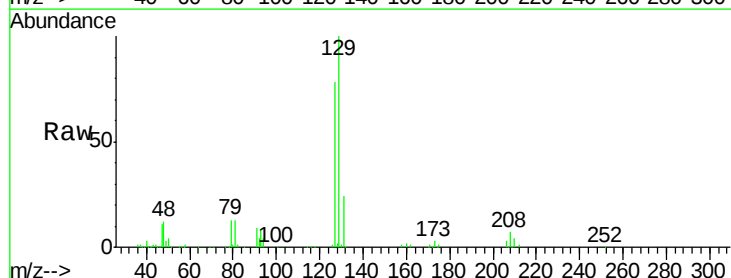
Manual Integrations
APPROVED

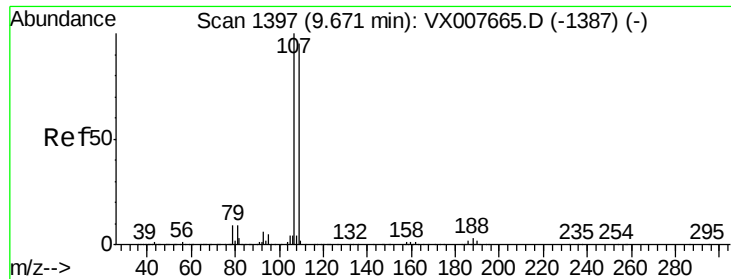
MMDadoda
3/6/2019 9:49:40 AM



#60
Dibromochloromethane
Concen: 22.564 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX007841.D
Acq: 05 Mar 2019 17:01

Tgt Ion: 129 Resp: 66649
Ion Ratio Lower Upper
129 100
127 77.1 37.8 113.4





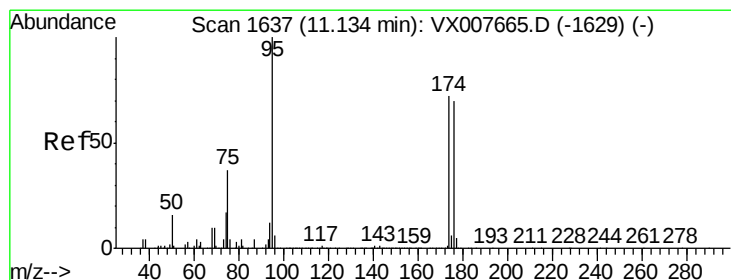
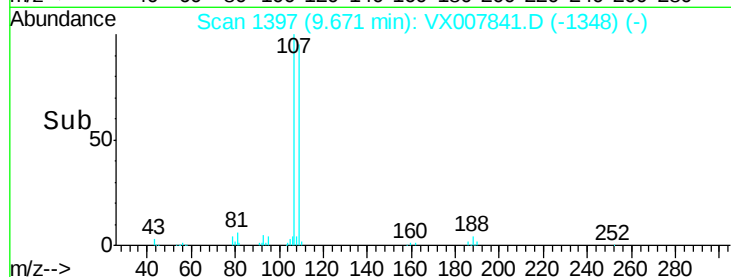
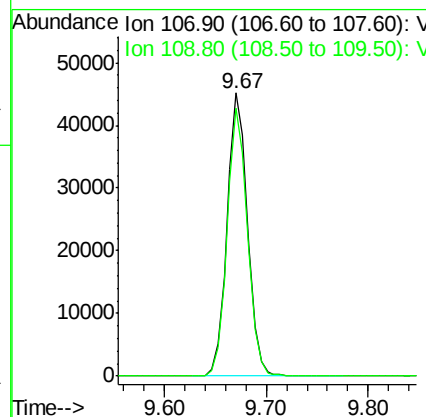
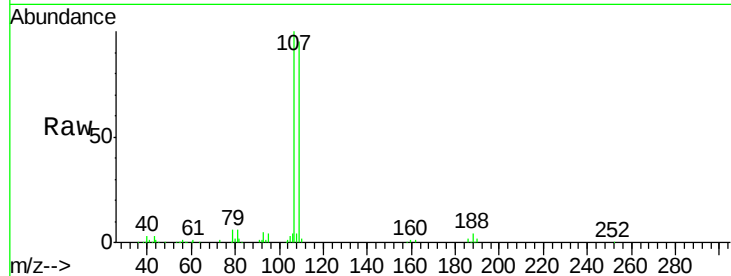
#61
 1,2-Dibromoethane
 Concen: 19.687 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX007841.D
 Acq: 05 Mar 2019 17:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0305WBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.2	75.1	112.7

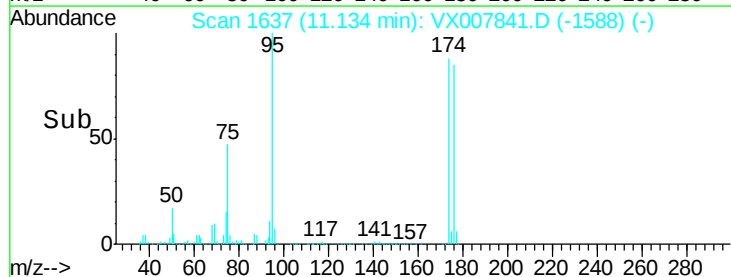
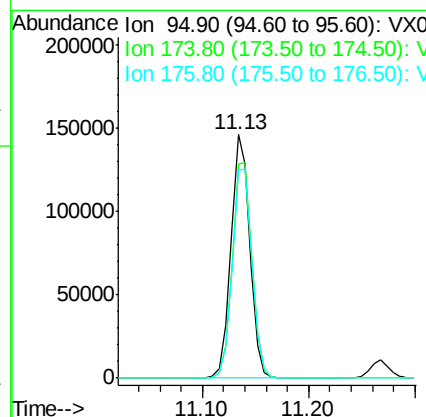
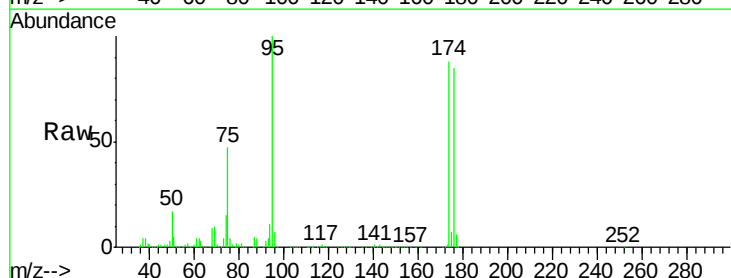
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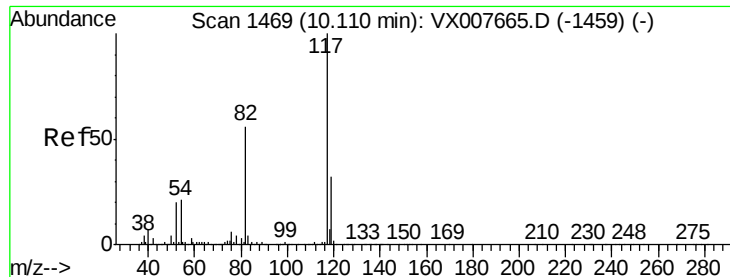
MMDadoda
 3/6/2019 9:49:40 AM



#62
 4-Bromofluorobenzene
 Concen: 45.799 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: VX007841.D
 Acq: 05 Mar 2019 17:01

Tgt Ion	Ratio	Lower	Upper
95	100		
174	93.0	0.0	189.2
176	90.3	0.0	186.2





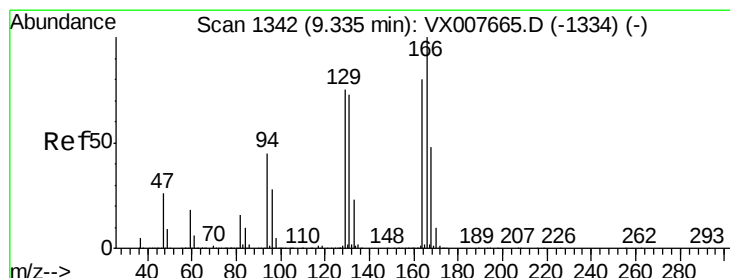
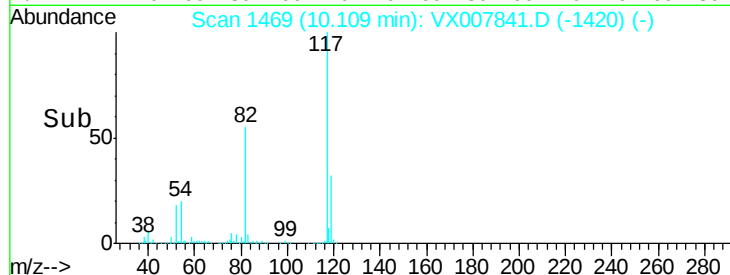
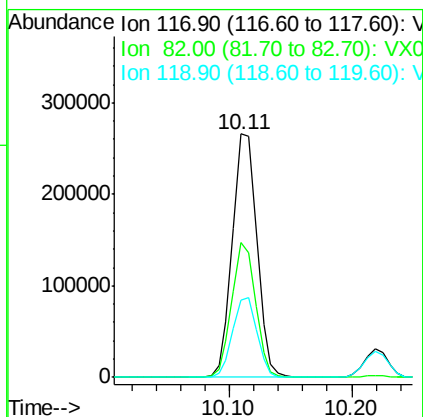
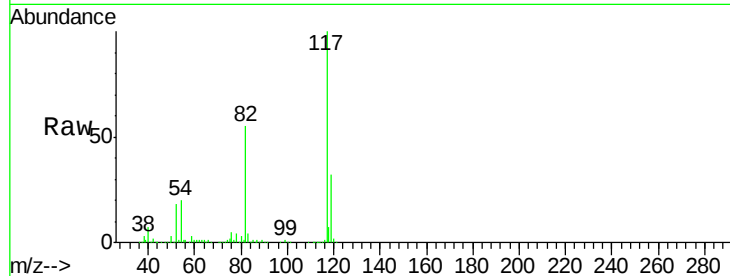
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007841.D
Acq: 05 Mar 2019 17:01

Instrument :
MSVOA_X
ClientSampled :
VX0305WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.4	42.1	63.1
119	31.9	26.5	39.7

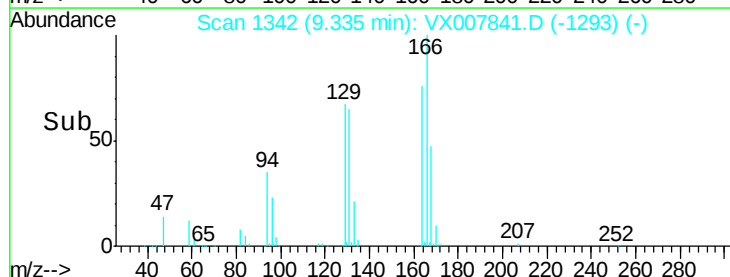
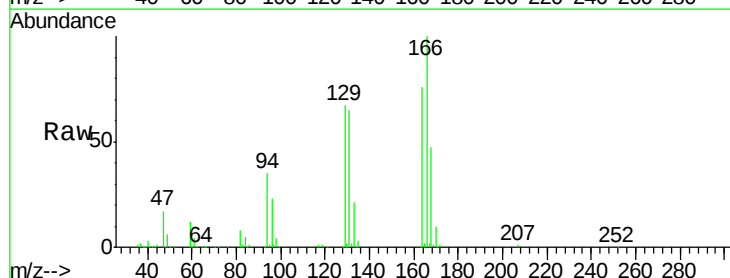
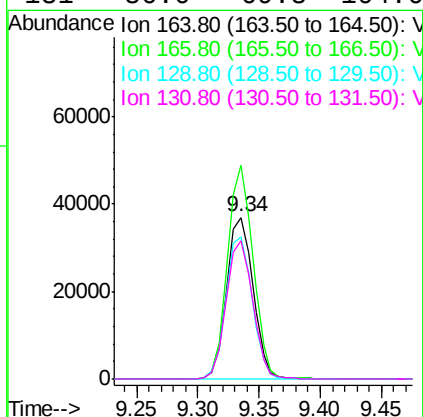
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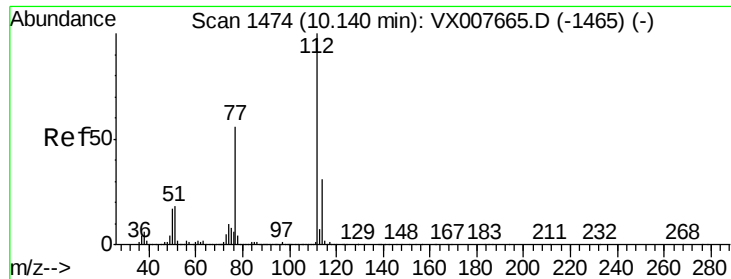
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#64
Tetrachloroethene
Concen: 18.392 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007841.D
Acq: 05 Mar 2019 17:01

Tgt Ion	Ratio	Lower	Upper
164	100		
166	132.3	101.0	151.4
129	88.2	70.5	105.7
131	86.0	69.8	104.6





#65

Chlorobenzene

Concen: 19.406 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.01 min

Lab File: VX007841.D

Acq: 05 Mar 2019 17:01

Instrument :

MSVOA_X

ClientSampleId :

VX0305WBSD01

Tot Ion:112 Resp: 155348

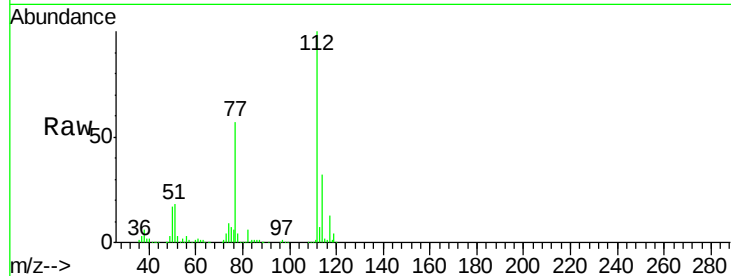
Ion Ratio Lower Upper

112 100

114 31.7 25.8 38.6

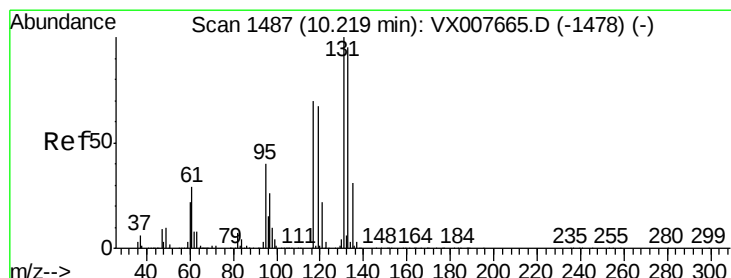
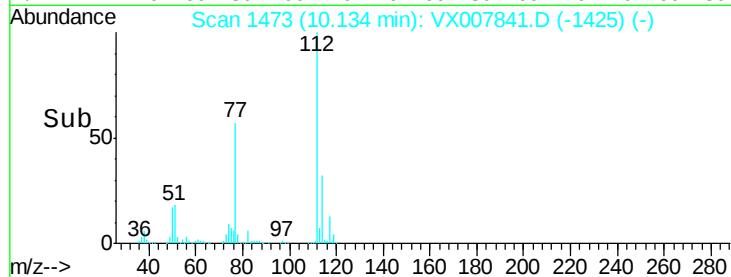
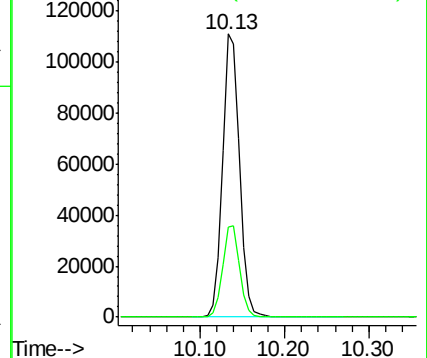
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 21.470 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX007841.D

Acq: 05 Mar 2019 17:01

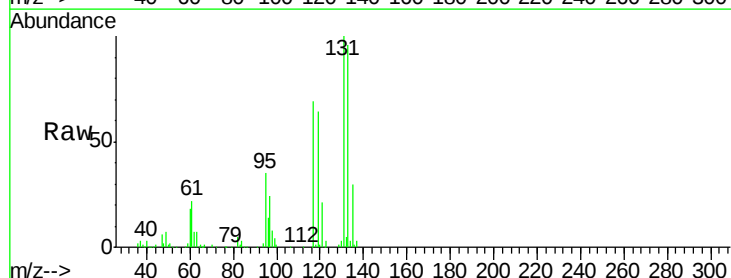
Tgt Ion:131 Resp: 59953

Ion Ratio Lower Upper

131 100

133 95.7 48.0 144.2

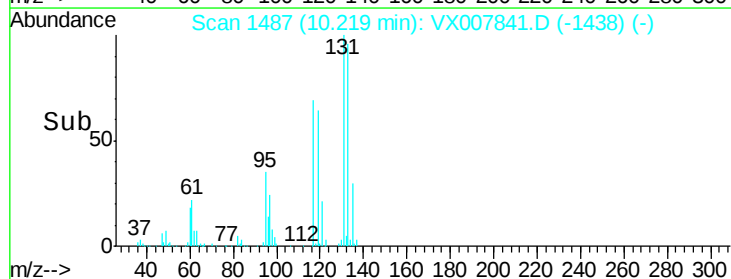
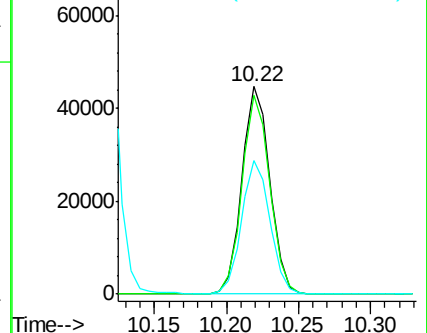
119 65.7 32.0 96.0

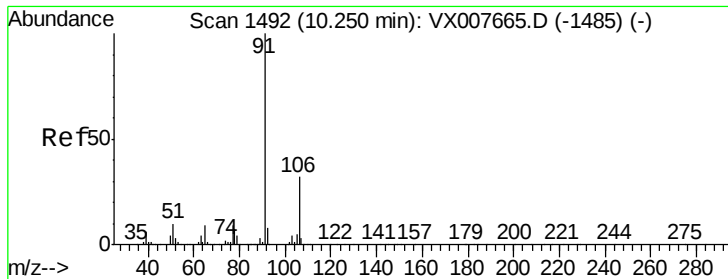


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 19.379 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007841.D

Acq: 05 Mar 2019 17:01

Instrument :

MSVOA_X

ClientSampleId :

VX0305WBSD01

Tot Ion: 91 Resp: 256983

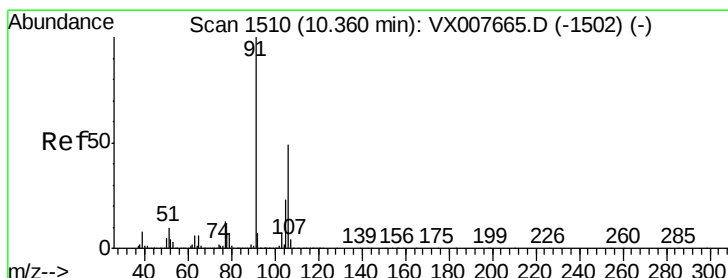
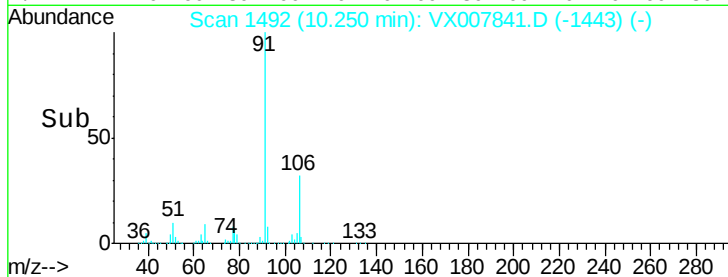
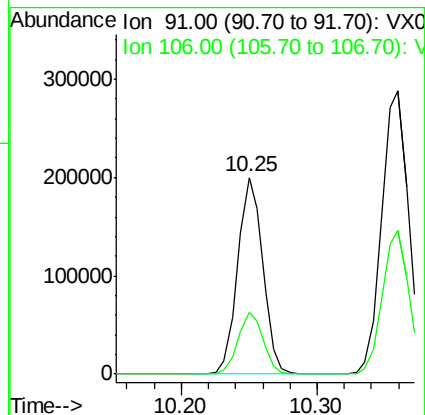
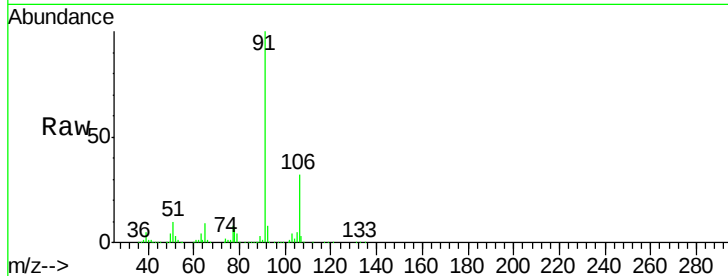
Ion Ratio Lower Upper

91 100

106 31.6 25.4 38.0

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#68

m/p-Xylenes

Concen: 38.176 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007841.D

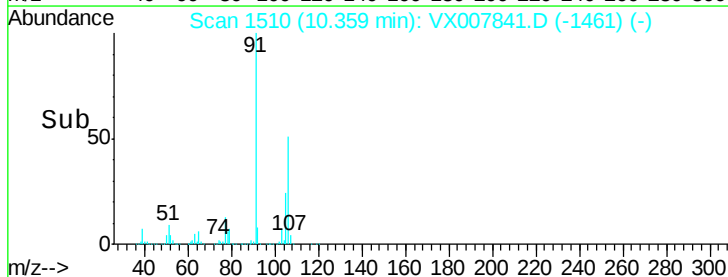
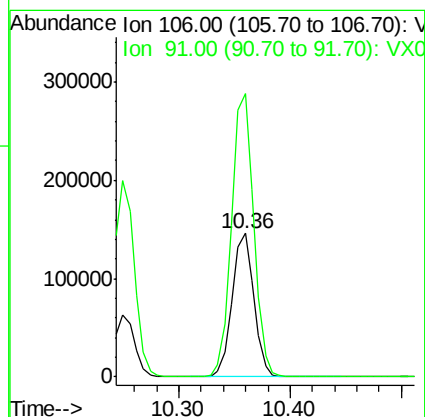
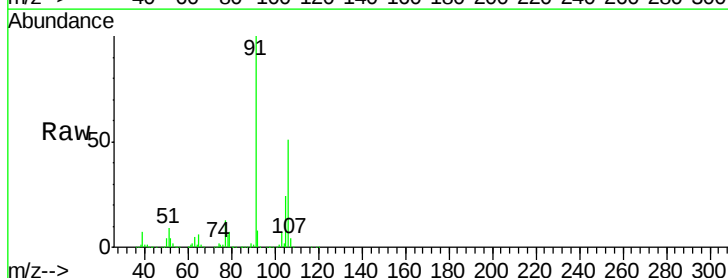
Acq: 05 Mar 2019 17:01

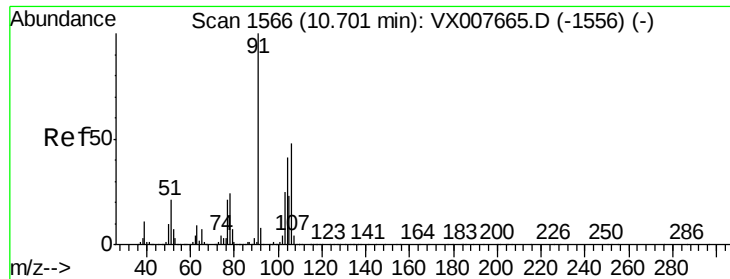
Tgt Ion: 106 Resp: 196948

Ion Ratio Lower Upper

106 100

91 201.1 156.6 234.8





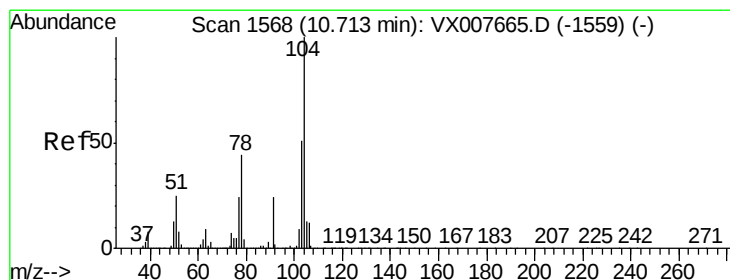
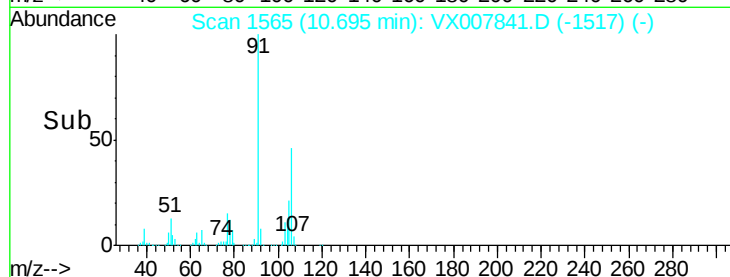
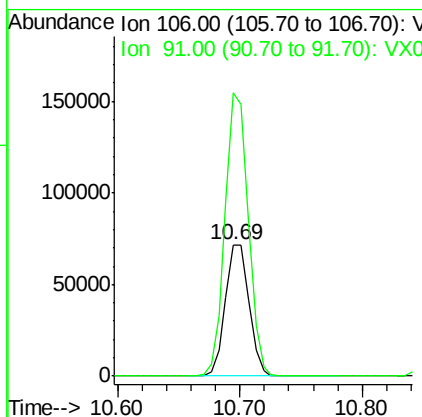
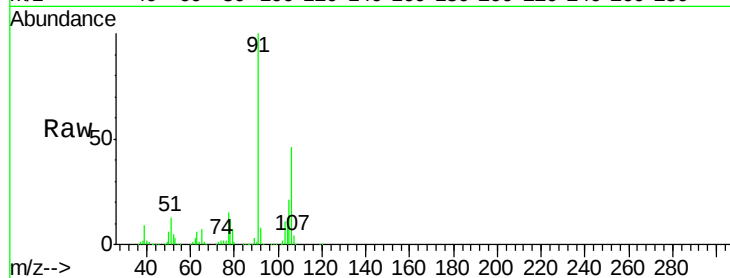
#69
o-Xylene
Concen: 19.436 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX007841.D
Acq: 05 Mar 2019 17:01

Instrument :
MSVOA_X
ClientSampled :
VX0305WBSD01

Tot Ion	Ratio	Lower	Upper
106	100		
91	211.4	102.9	308.7

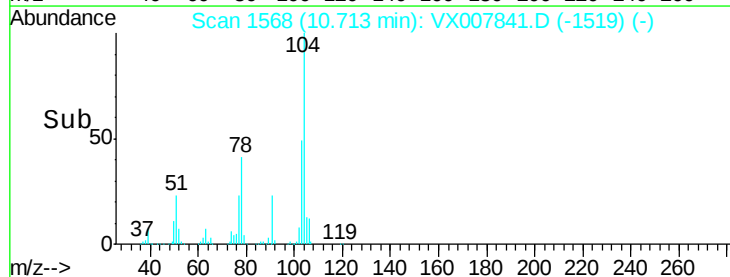
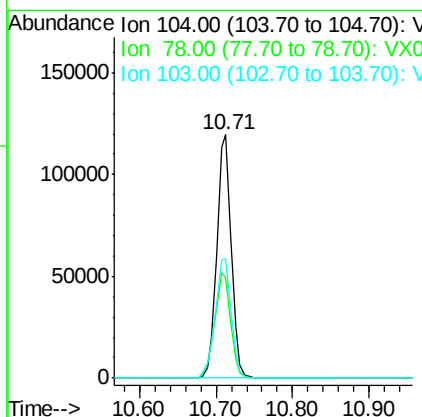
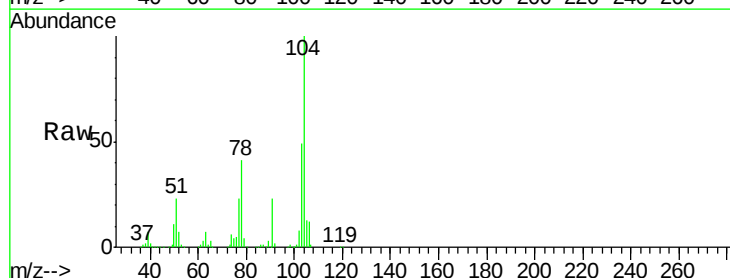
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#70
Styrene
Concen: 19.139 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007841.D
Acq: 05 Mar 2019 17:01

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.1	38.3	57.5
103	54.7	44.6	67.0





#71

Bromoform

Concen: 26.733 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX007841.D

Acq: 05 Mar 2019 17:01

Instrument :

MSVOA_X

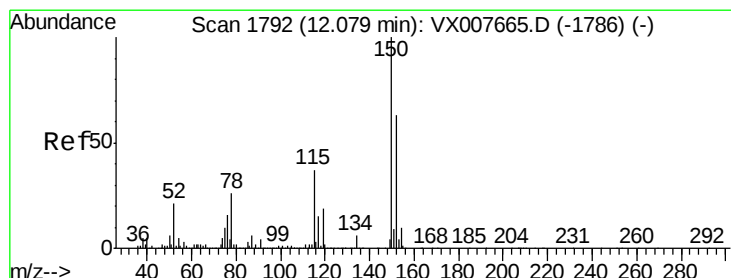
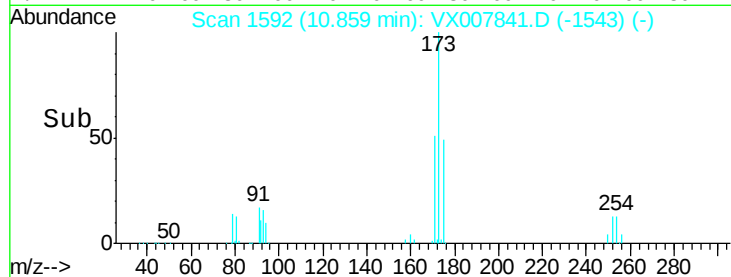
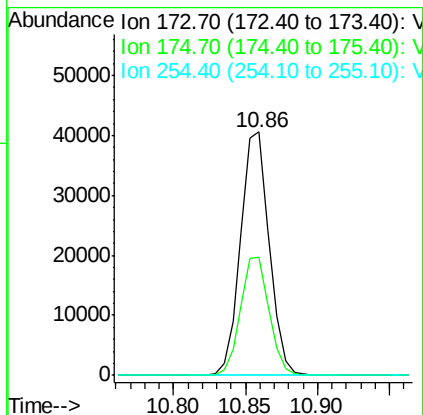
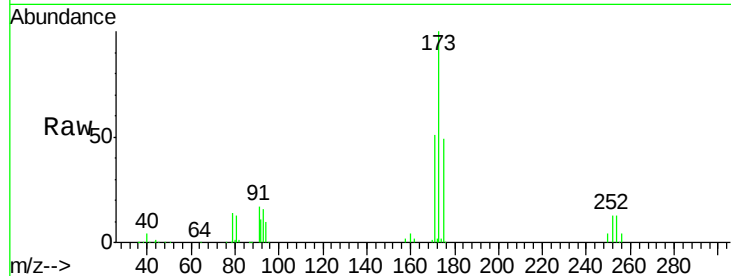
ClientSampled :

VX0305WBSD01

Tot Ion:	173	Resp:	55977
Ion Ratio	Lower	Upper	
173	100		
175	48.5	24.2	72.6
254	0.1	0.2	0.2#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

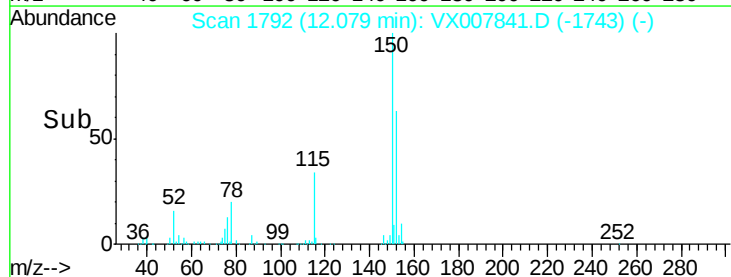
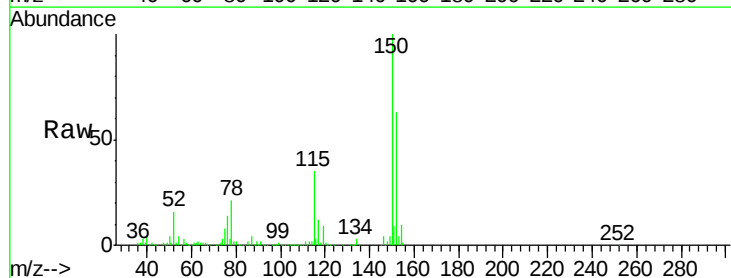
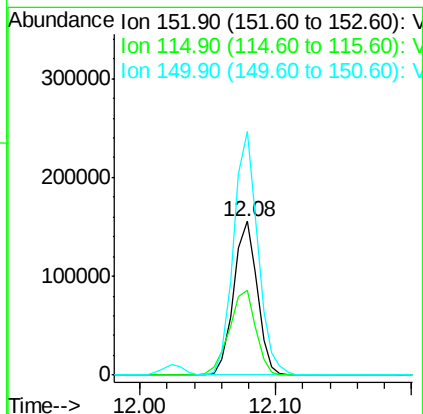
RT: 12.08 min Scan# 1792

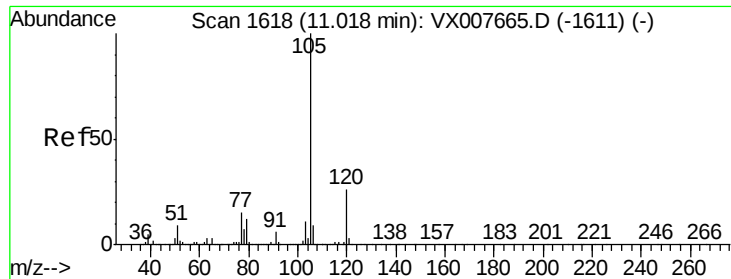
Delta R.T. -0.00 min

Lab File: VX007841.D

Acq: 05 Mar 2019 17:01

Tgt Ion:	152	Resp:	187088
Ion Ratio	Lower	Upper	
152	100		
115	63.0	38.0	114.0
150	163.2	0.0	346.4





#73

Isopropylbenzene

Concen: 19.361 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007841.D

Acq: 05 Mar 2019 17:01

Instrument :

MSVOA_X

ClientSampleId :

VX0305WBSD01

Tot Ion: 105 Resp: 258890

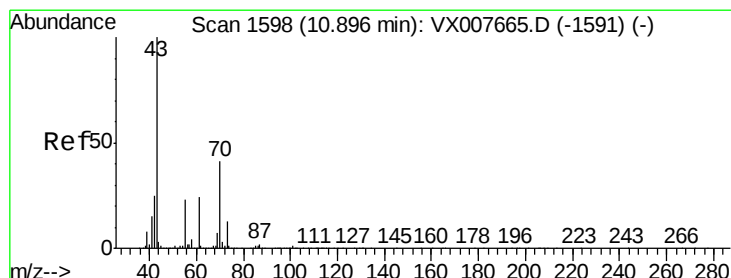
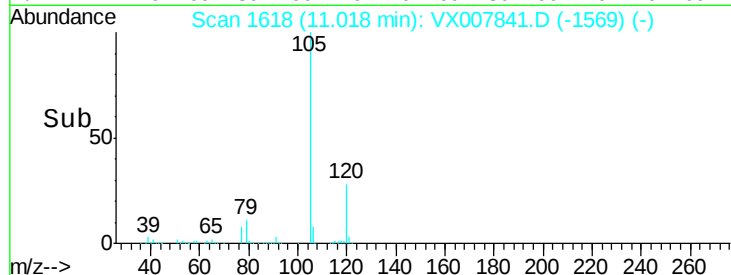
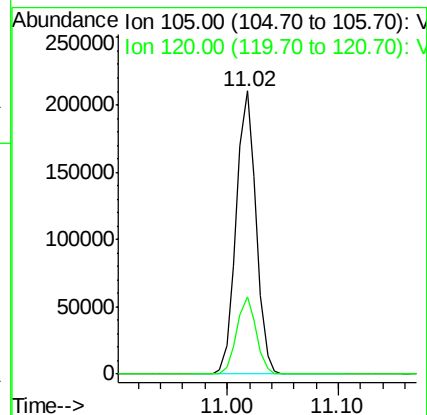
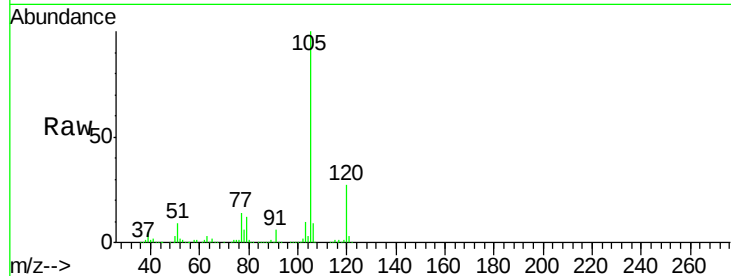
Ion Ratio Lower Upper

105 100

120 26.9 13.6 40.7

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#74

N-ethyl acetate

Concen: 20.736 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007841.D

Acq: 05 Mar 2019 17:01

Tgt Ion: 43 Resp: 120404

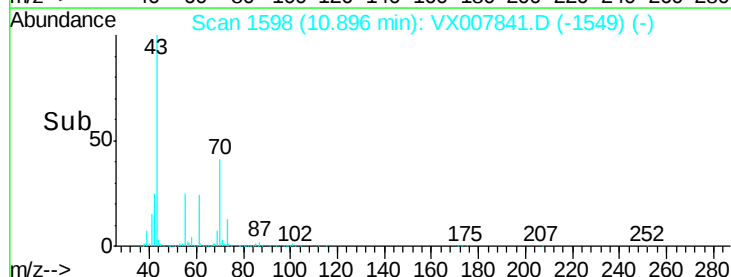
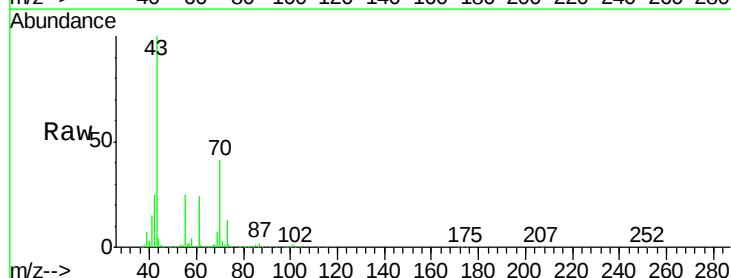
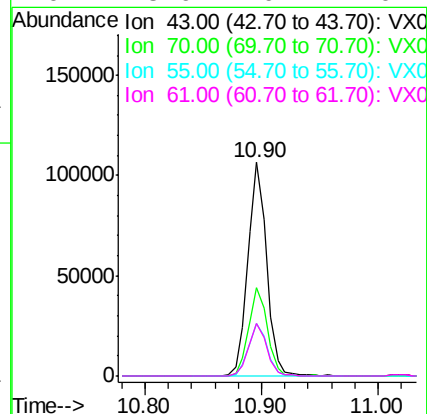
Ion Ratio Lower Upper

43 100

70 41.2 33.8 50.6

55 24.8 19.5 29.3

61 23.9 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 19.990 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007841.D

Acq: 05 Mar 2019 17:01

Instrument :

MSVOA_X

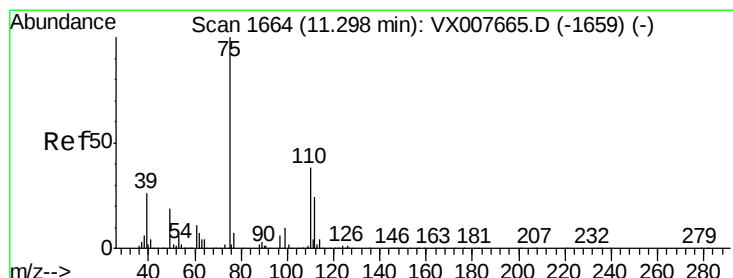
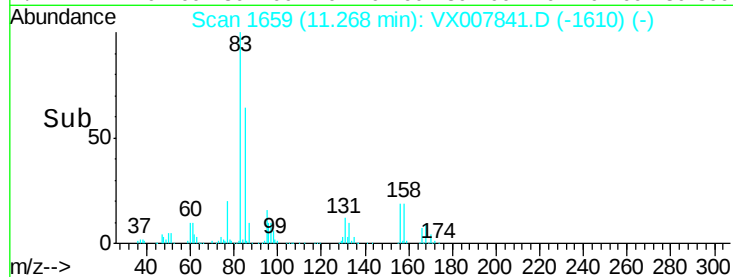
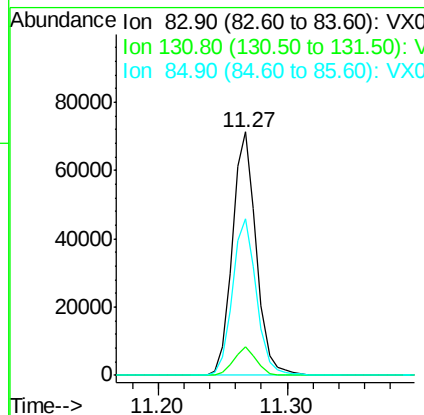
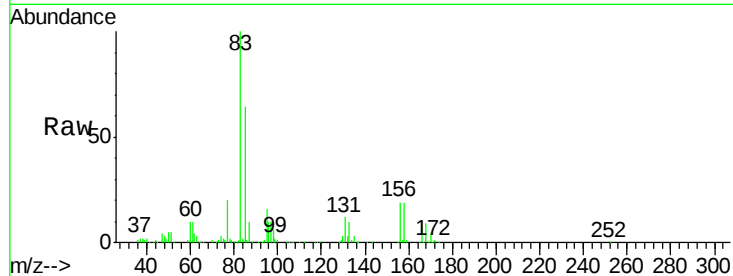
ClientSampleId :

VX0305WBSD01

Tot Ion:	83	Resp:	92450
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.7	17.0
85	64.7	32.8	98.3

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#76

1,2,3-Trichloropropane

Concen: 22.208 ug/l m

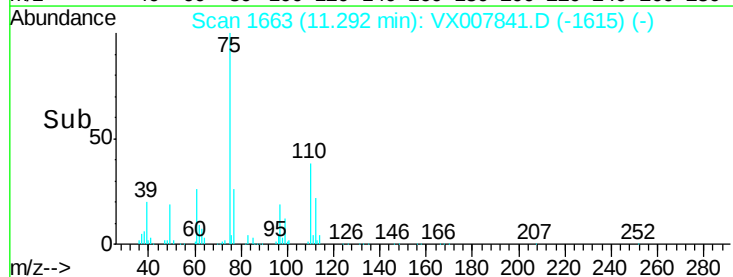
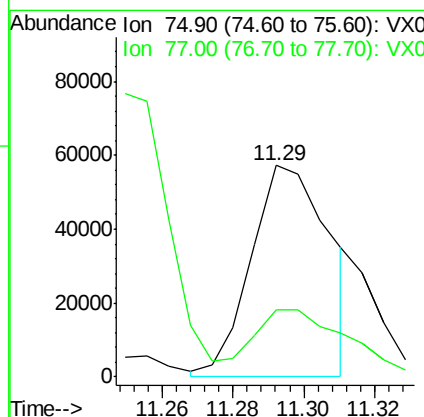
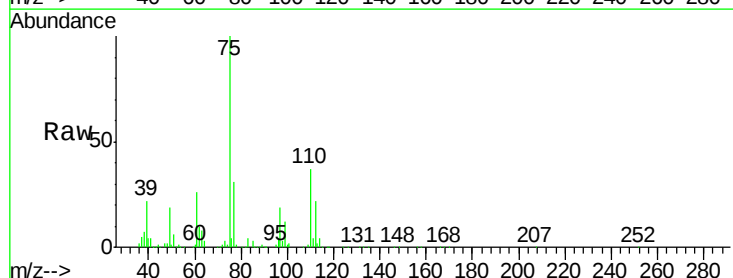
RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX007841.D

Acq: 05 Mar 2019 17:01

Tgt Ion:	75	Resp:	88562
Ion Ratio	Lower	Upper	
75	100		
77	38.5	23.0	69.0





#77

Bromobenzene

Concen: 20.765 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007841.D

Acq: 05 Mar 2019 17:01

Instrument :

MSVOA_X

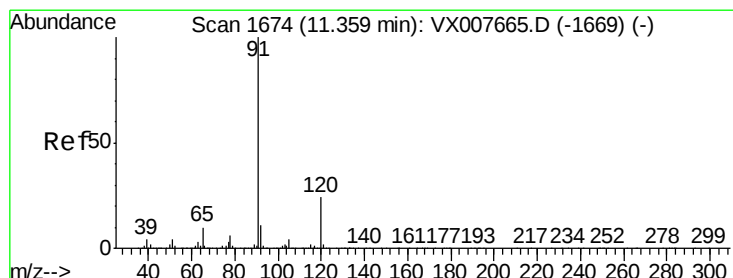
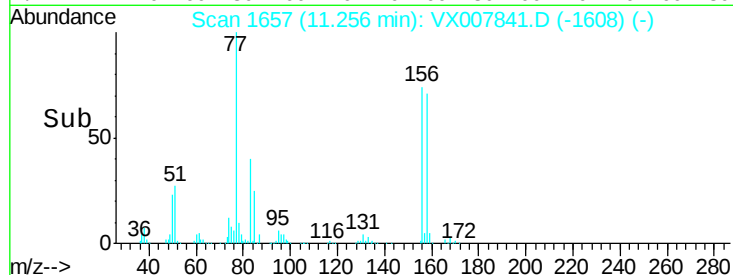
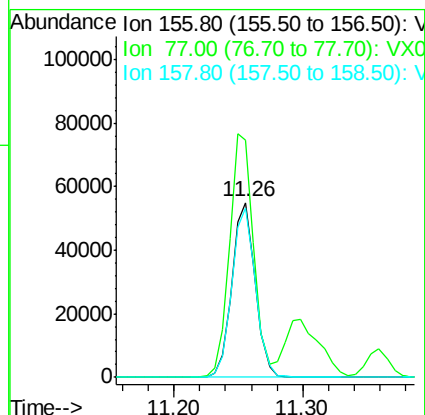
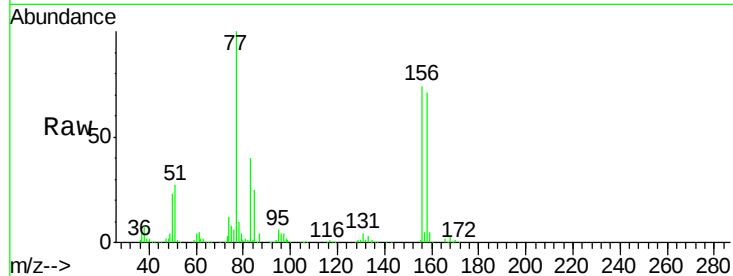
ClientSampleId :

VX0305WBSD01

Tot Ion:	156	Resp:	69643
Ion Ratio	Lower	Upper	
156	100		
77	144.1	66.8	200.6
158	98.4	47.9	143.8

Manual Integrations
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#78

n-propylbenzene

Concen: 18.897 ug/l

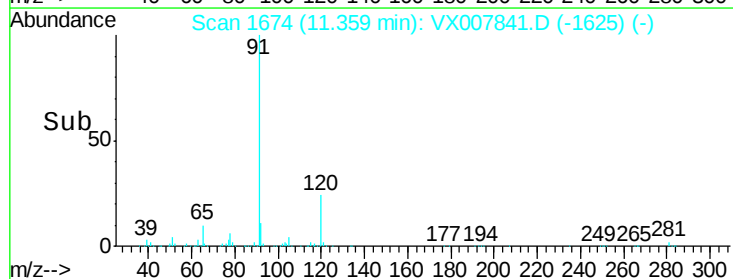
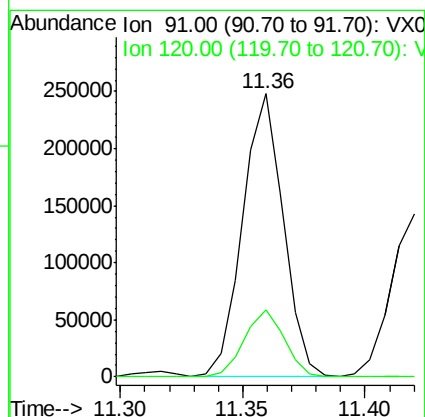
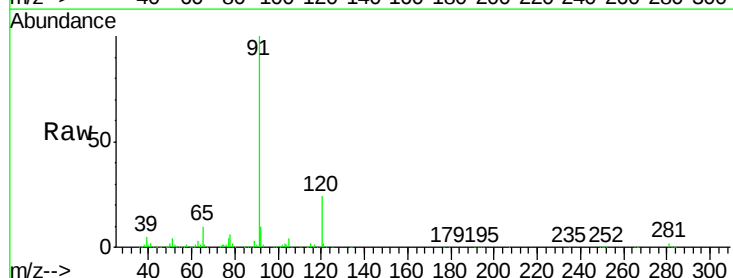
RT: 11.36 min Scan# 1674

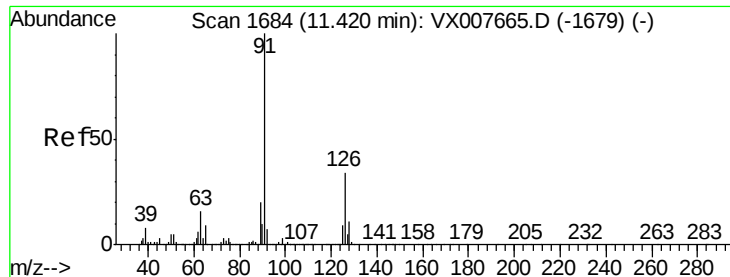
Delta R.T. -0.00 min

Lab File: VX007841.D

Acq: 05 Mar 2019 17:01

Tgt Ion:	91	Resp:	285527
Ion Ratio	Lower	Upper	
91	100		
120	23.8	12.4	37.2





#79

2-Chlorotoluene

Concen: 18.963 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007841.D

Acq: 05 Mar 2019 17:01

Instrument :

MSVOA_X

ClientSampleId :

VX0305WBSD01

Tot Ion: 91 Resp: 172524

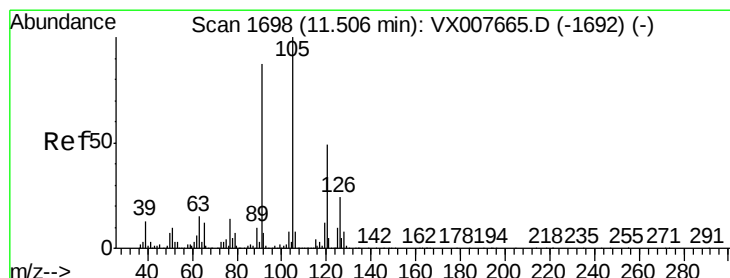
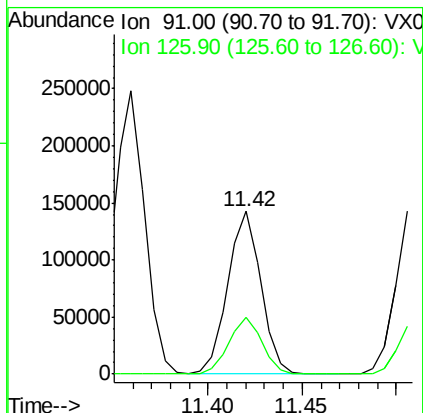
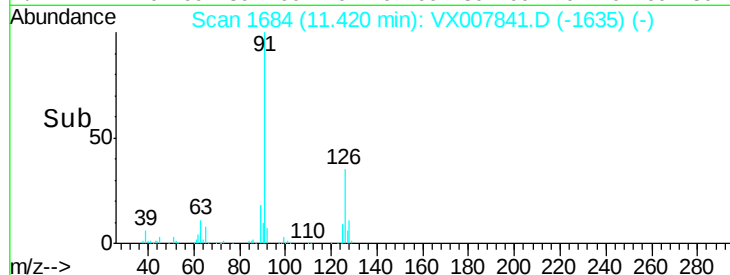
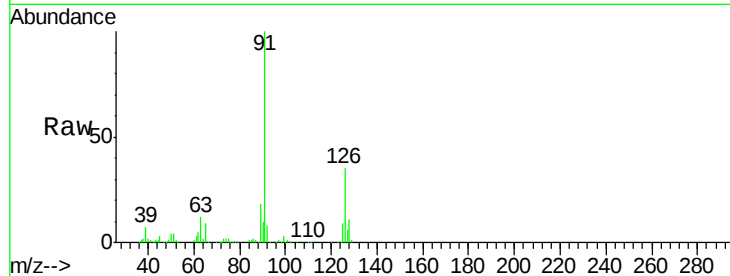
Ion Ratio Lower Upper

91 100

126 35.2 18.7 56.1

Manual Integrations
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#80

1,3,5-Trimethylbenzene

Concen: 19.288 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007841.D

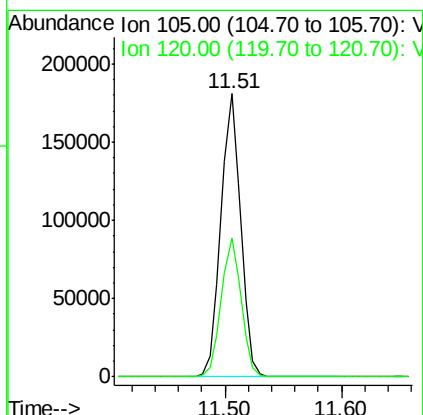
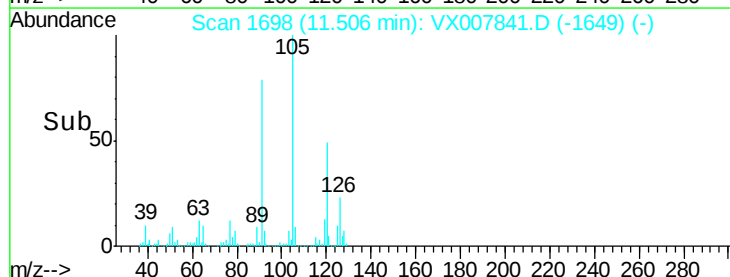
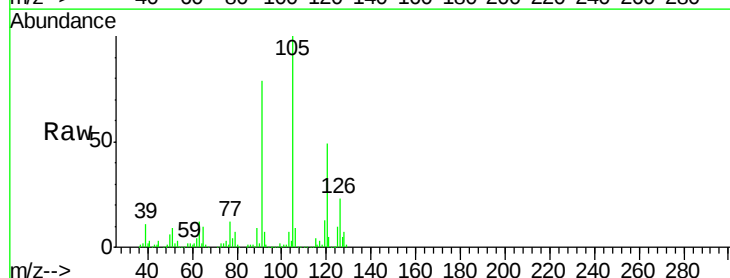
Acq: 05 Mar 2019 17:01

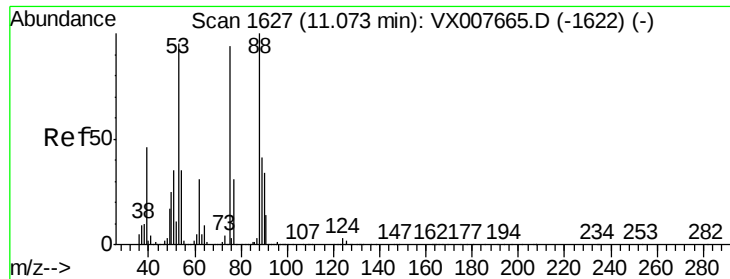
Tgt Ion: 105 Resp: 212139

Ion Ratio Lower Upper

105 100

120 49.4 25.3 75.8





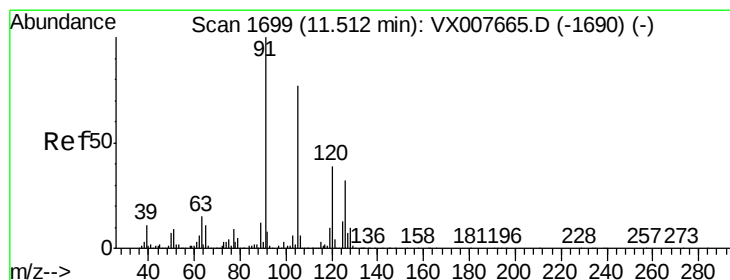
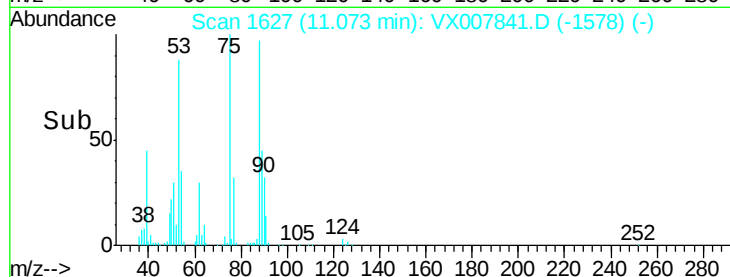
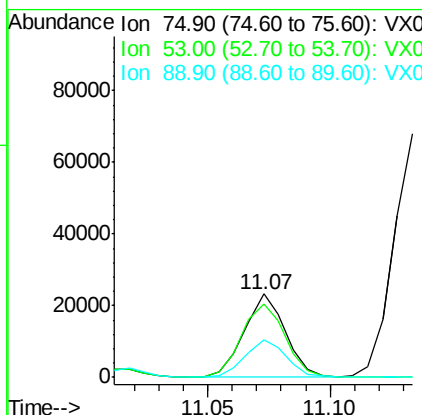
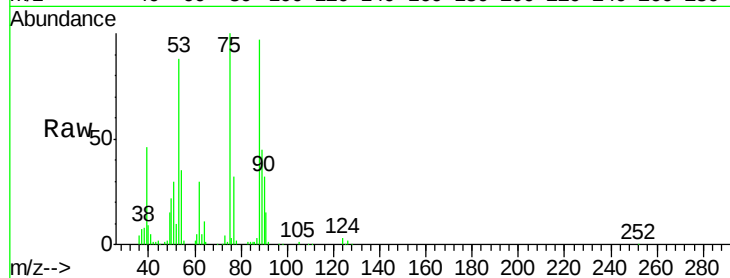
#81
trans-1,4-Dichloro-2-butene
Concen: 20.193 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX007841.D
Acq: 05 Mar 2019 17:01

Instrument :
MSVOA_X
ClientSampleId :
VX0305WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	93.1	81.0	121.6
89	45.6	41.4	62.0

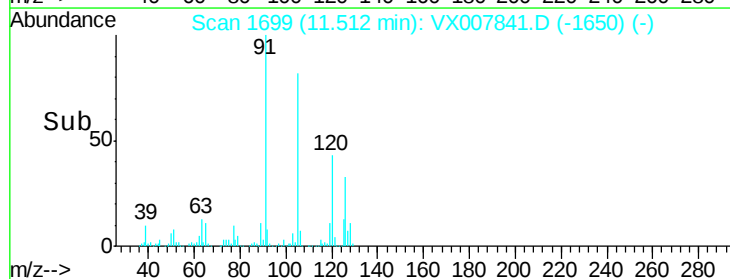
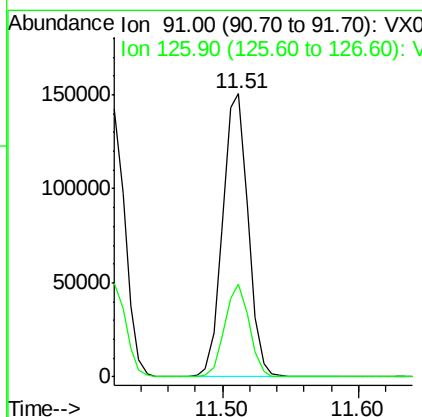
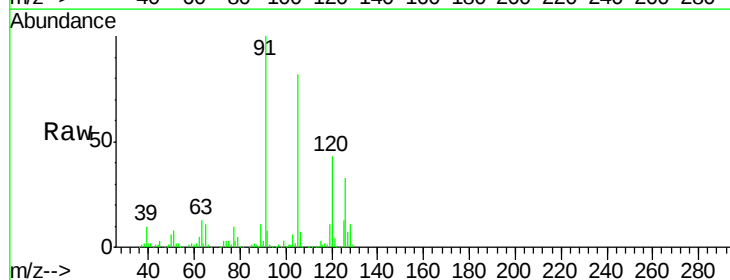
Manual Integrations
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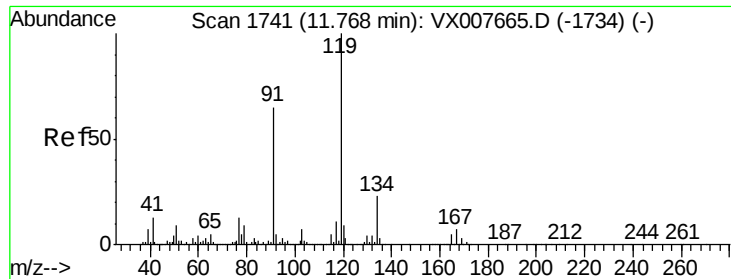
MMDadoda
3/6/2019 9:49:40 AM



#82
4-Chlorotoluene
Concen: 18.285 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX007841.D
Acq: 05 Mar 2019 17:01

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.7	16.2	48.5





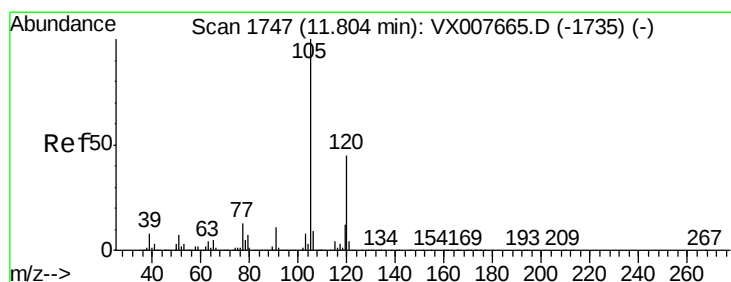
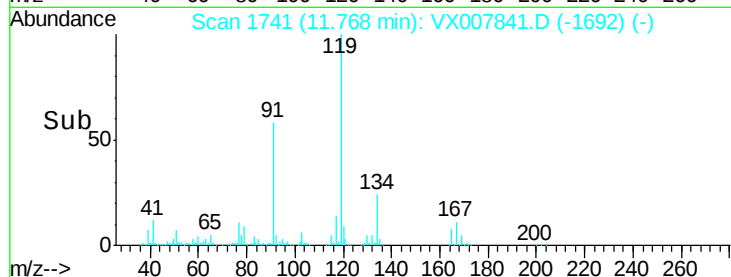
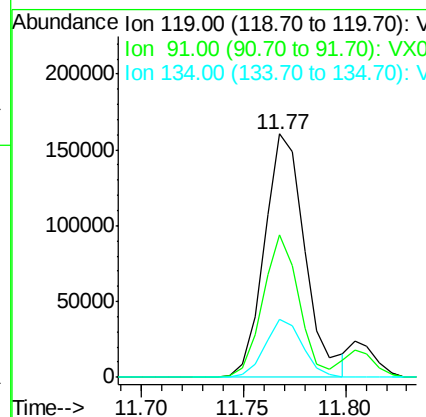
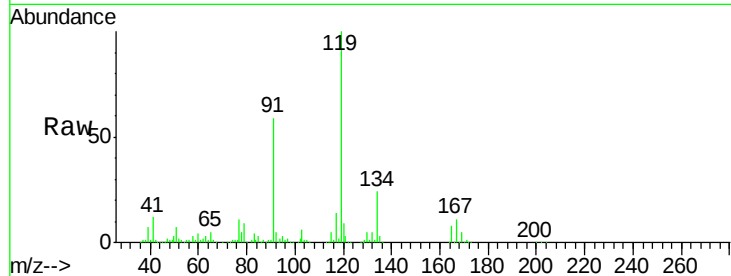
#83
tert-Butylbenzene
Concen: 21.086 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX007841.D
Acq: 05 Mar 2019 17:01

Instrument :
MSVOA_X
ClientSampleId :
VX0305WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	222679		
91	52.1		28.5	85.6
134	22.2		12.0	36.0

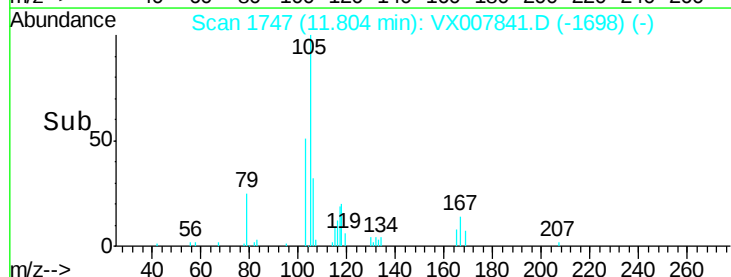
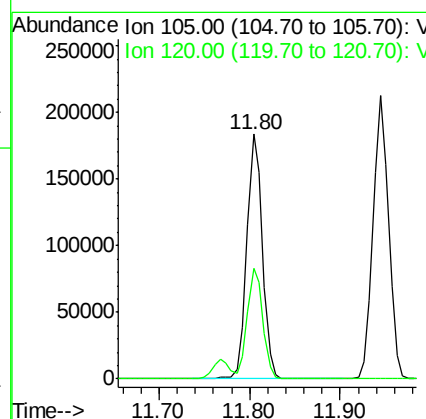
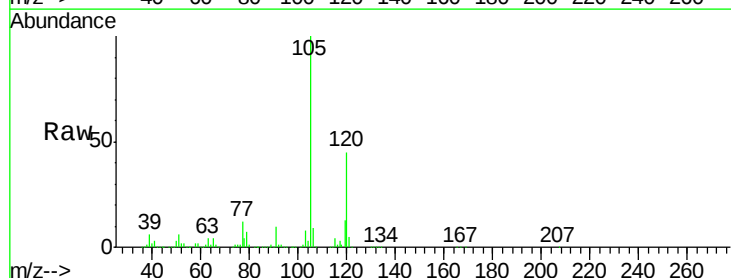
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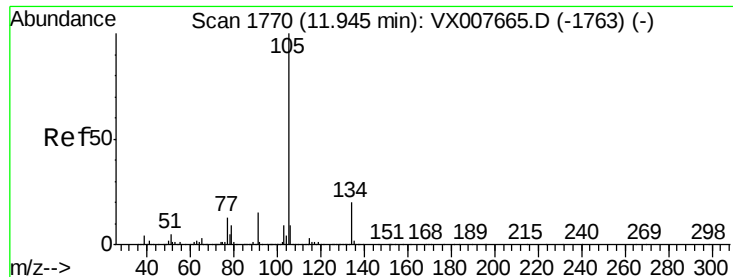
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 19.466 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX007841.D
Acq: 05 Mar 2019 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	219001		
120	44.9		23.1	69.3





#85

sec-Butylbenzene

Concen: 19.194 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007841.D

Acq: 05 Mar 2019 17:01

Instrument :

MSVOA_X

ClientSampleId :

VX0305WBSD01

Tot Ion:105 Resp: 254004

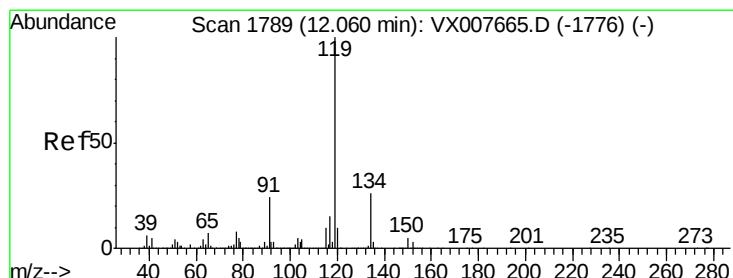
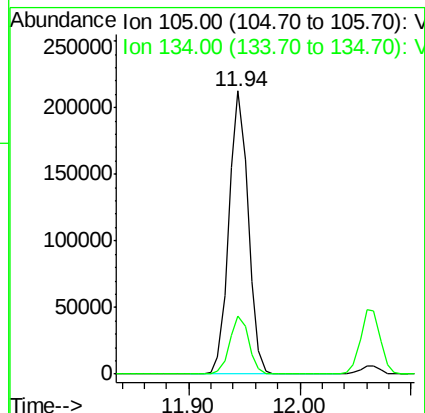
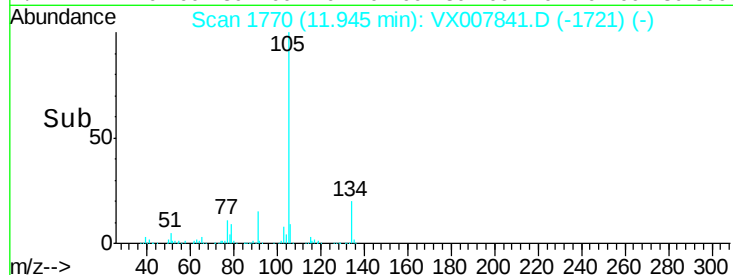
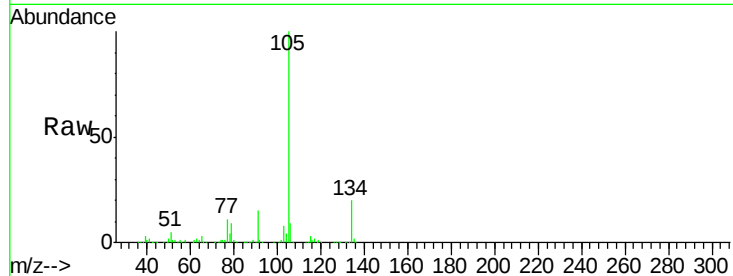
Ion Ratio Lower Upper

105 100

134 20.5 10.6 31.8

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#86

p-Isopropyltoluene

Concen: 19.377 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007841.D

Acq: 05 Mar 2019 17:01

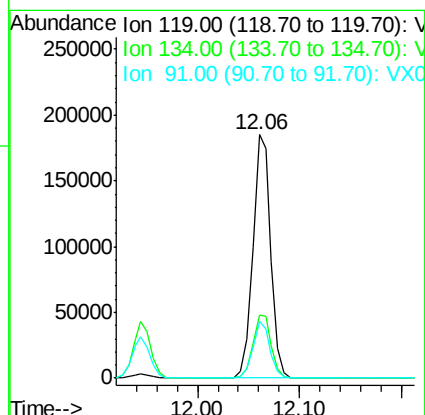
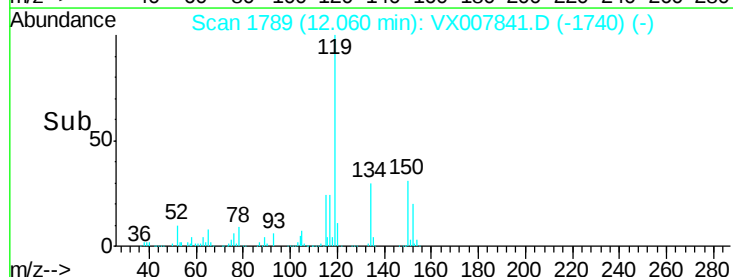
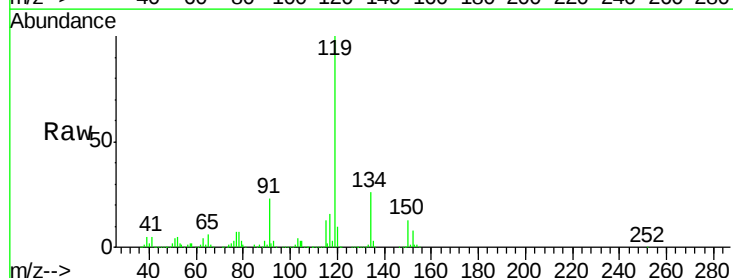
Tgt Ion:119 Resp: 224559

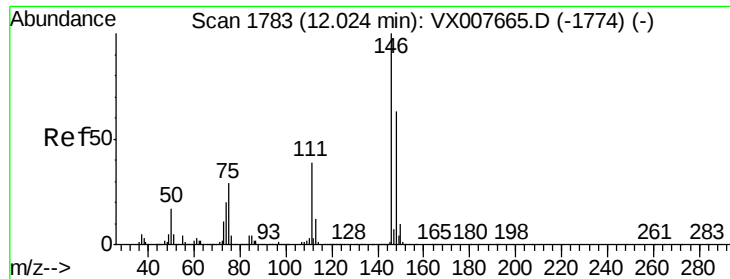
Ion Ratio Lower Upper

119 100

134 26.7 13.7 41.1

91 22.4 11.2 33.5





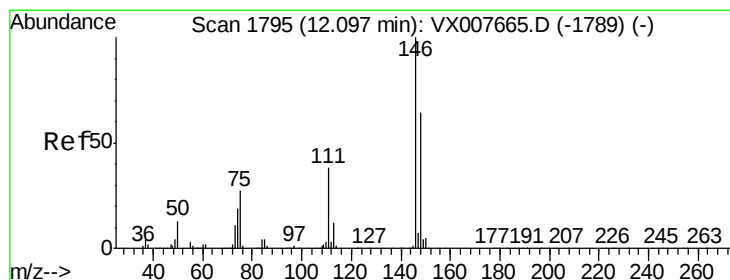
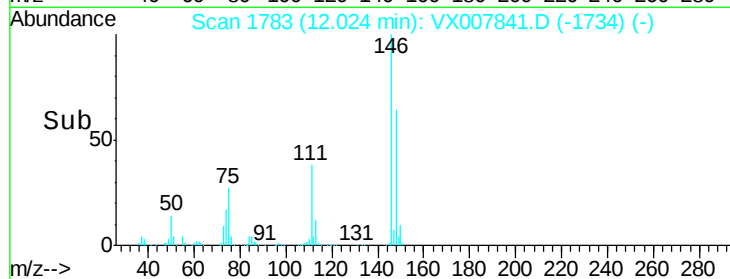
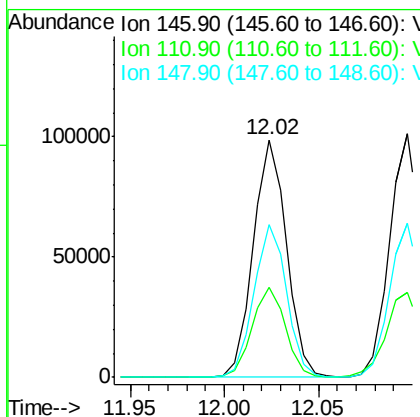
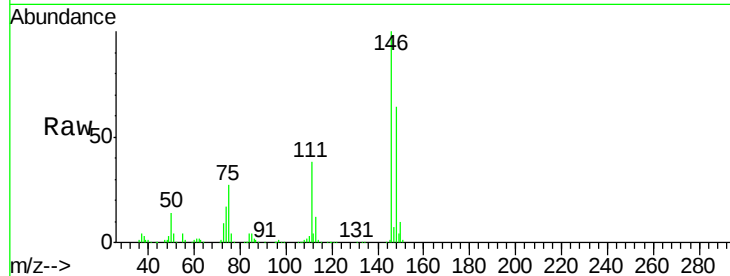
#87
 1,3-Dichlorobenzene
 Concen: 19.401 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007841.D
 Acq: 05 Mar 2019 17:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0305WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.1	54.1
148	63.6	32.0	96.2

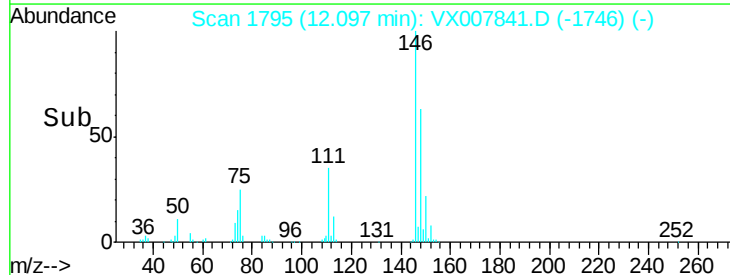
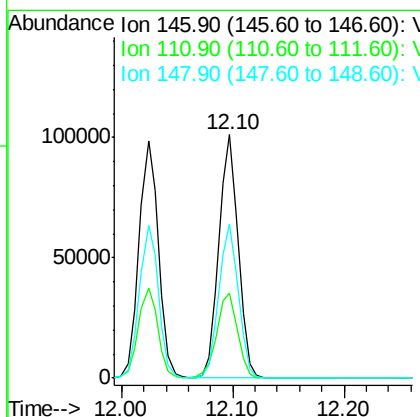
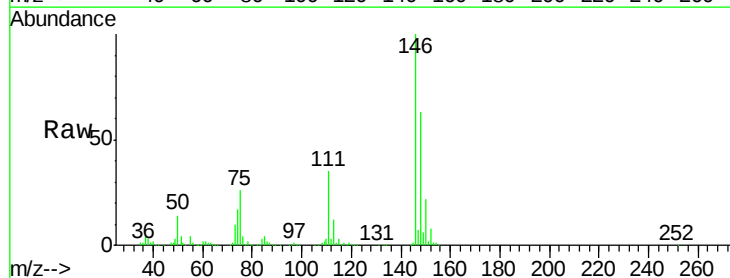
Manual Integrations
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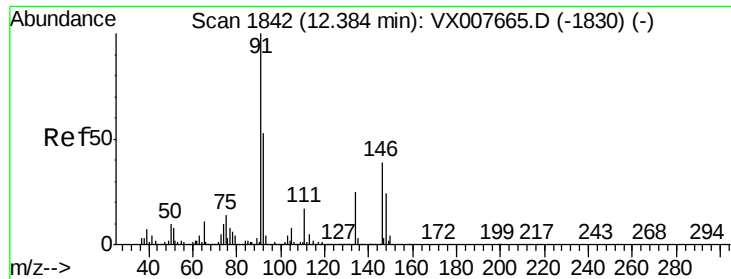
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#88
 1,4-Dichlorobenzene
 Concen: 19.149 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007841.D
 Acq: 05 Mar 2019 17:01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.1	54.1
148	63.9	32.3	96.9





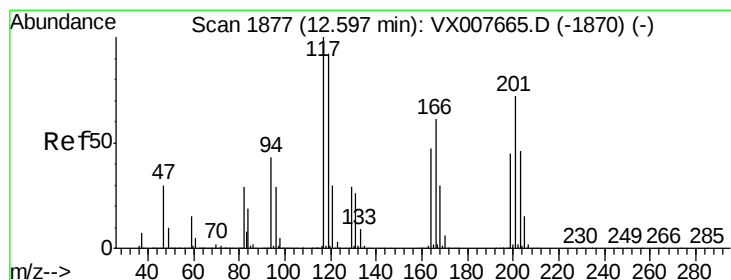
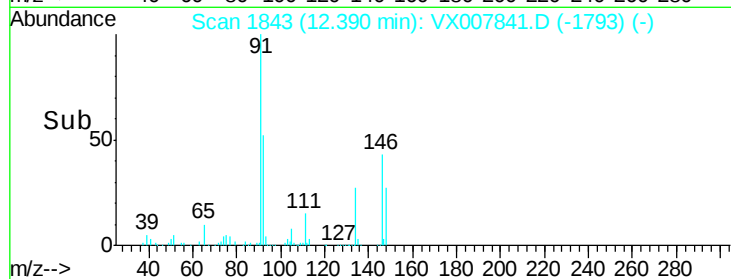
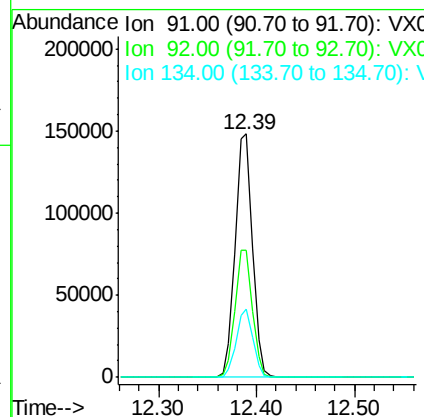
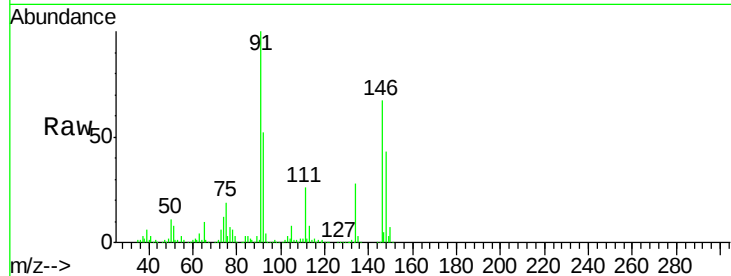
#89
n-Butylbenzene
Concen: 17.682 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VX007841.D
Acq: 05 Mar 2019 17:01

Instrument :
MSVOA_X
ClientSampleId :
VX0305WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.7	26.3	78.9
134	27.3	13.9	41.6

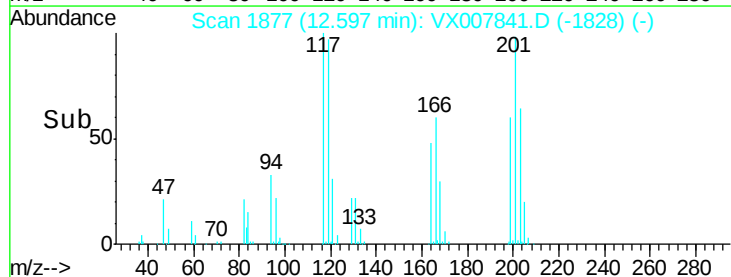
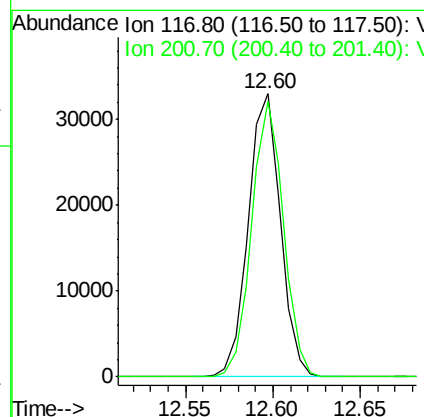
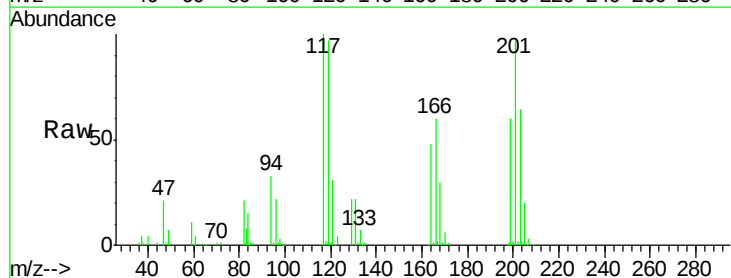
Manual Integrations
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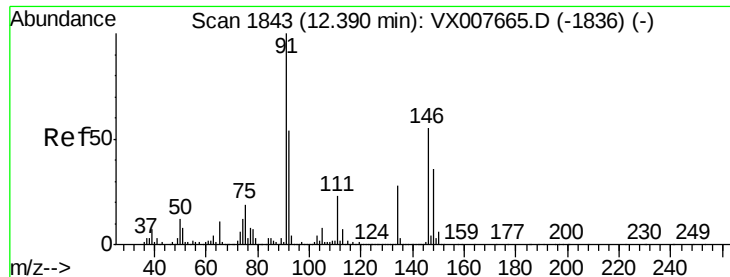
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#90
Hexachloroethane
Concen: 21.549 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX007841.D
Acq: 05 Mar 2019 17:01

Tgt Ion	Ratio	Lower	Upper
117	100		
201	96.3	44.9	134.7





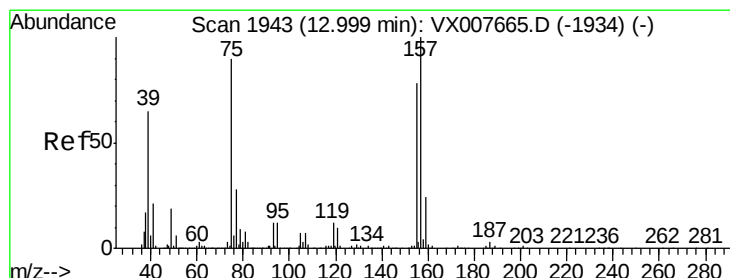
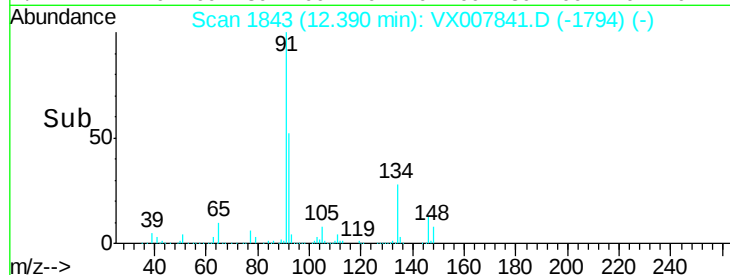
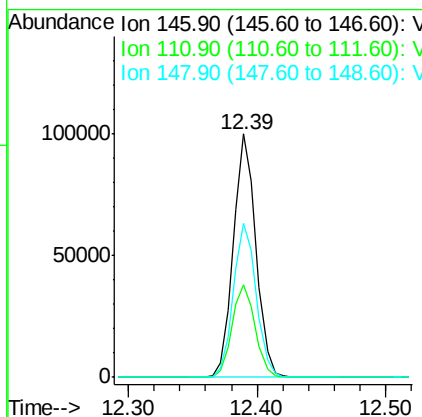
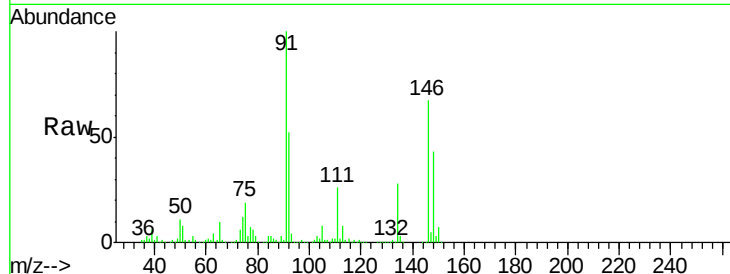
#91
 1,2-Dichlorobenzene
 Concen: 19.658 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX007841.D
 Acq: 05 Mar 2019 17:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0305WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.1	57.3
148	64.3	32.1	96.3

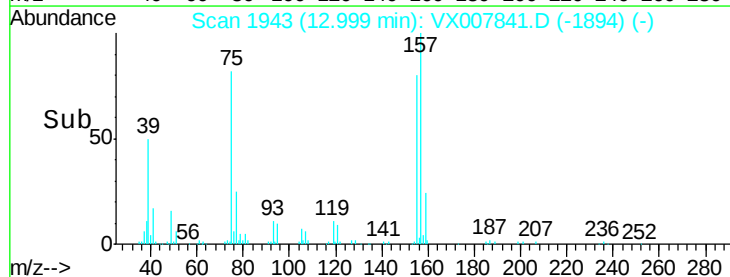
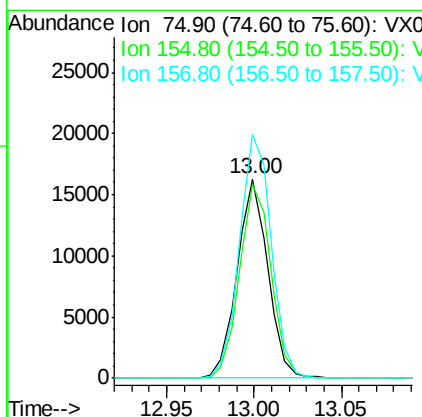
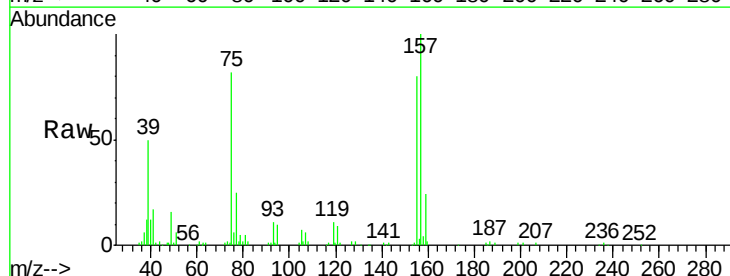
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.668 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX007841.D
 Acq: 05 Mar 2019 17:01

Tgt Ion	Ratio	Lower	Upper
75	100		
155	100.1	49.6	149.0
157	126.8	65.1	195.3





#93

1,2,4-Trichlorobenzene

Concen: 21.697 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX007841.D

Acq: 05 Mar 2019 17:01

Instrument :

MSVOA_X

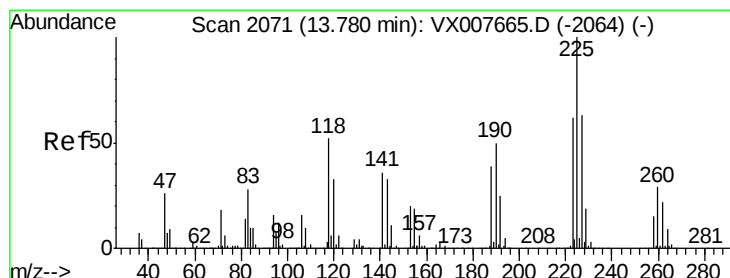
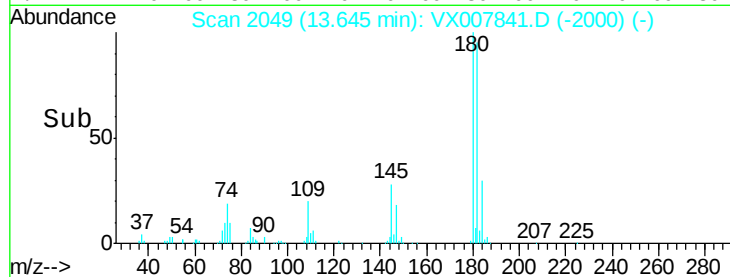
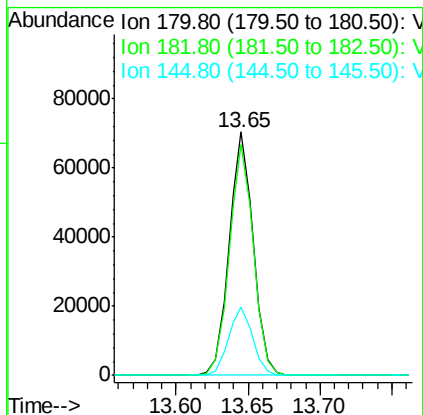
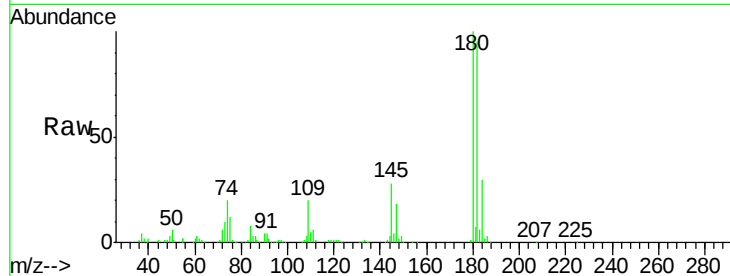
ClientSampleId :

VX0305WBSD01

Tot Ion:	180	Resp:	82438
Ion Ratio	Lower	Upper	
180	100		
182	95.1	47.8	143.3
145	28.1	14.1	42.2

Manual Integrations
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#94

Hexachlorobutadiene

Concen: 25.559 ug/l

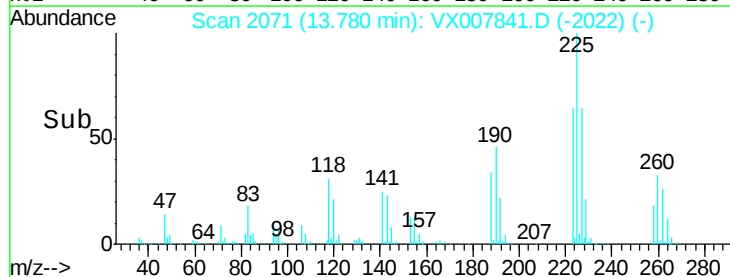
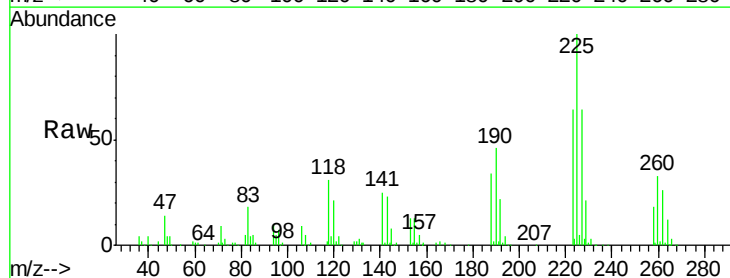
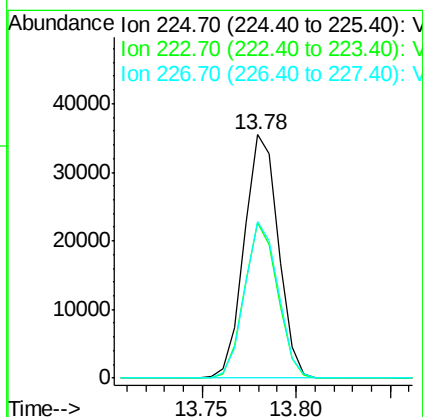
RT: 13.78 min Scan# 2071

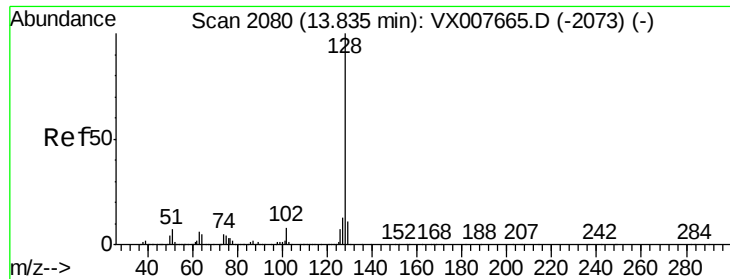
Delta R.T. -0.00 min

Lab File: VX007841.D

Acq: 05 Mar 2019 17:01

Tgt Ion:	225	Resp:	44425
Ion Ratio	Lower	Upper	
225	100		
223	62.1	31.6	94.8
227	63.3	32.1	96.3





#95

Naphthalene

Concen: 20.170 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007841.D

Acq: 05 Mar 2019 17:01

Instrument :

MSVOA_X

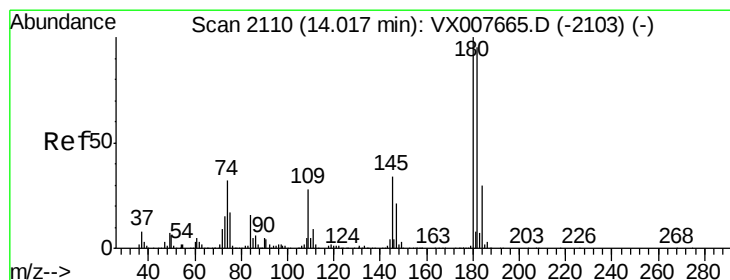
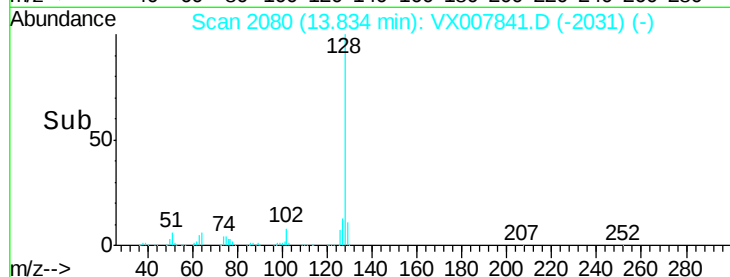
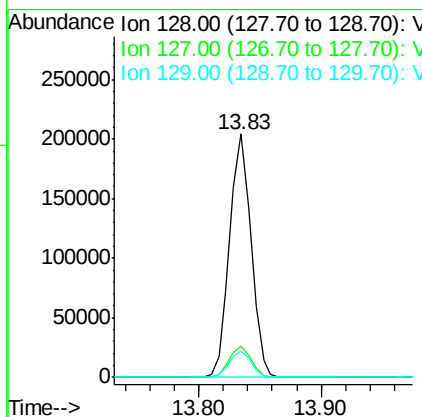
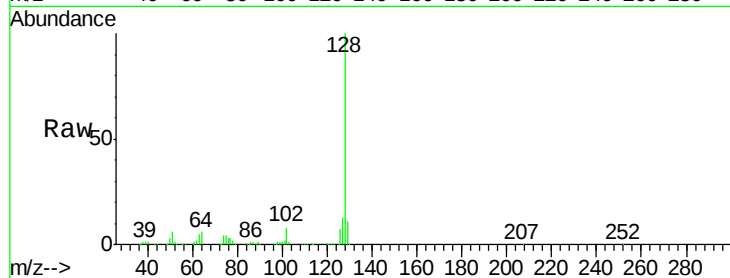
ClientSampleId :

VX0305WBSD01

Tot Ion:	128	Resp:	248285
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.5	15.7
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
3/6/2019 9:49:40 AM



#96

1,2,3-Trichlorobenzene

Concen: 21.977 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX007841.D

Acq: 05 Mar 2019 17:01

Tgt Ion:	180	Resp:	83846
Ion Ratio	Lower	Upper	
180	100		
182	96.2	47.5	142.6
145	29.8	14.9	44.5

