

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022819\
 Data File : VX007777.D
 Acq On : 28 Feb 2019 19:58
 Operator : JC/SP
 Sample : K1655-08MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 A0C1-TWPMDS

Manual Integrations
 APPROVED

MMDadoda
 3/1/2019 10:04:41 AM

Quant Time: Mar 01 03:14:47 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	5.66	168	293008	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	436127	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	392340	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	199086	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	175093	48.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.48%	
35) Dibromofluoromethane	5.50	113	146778	50.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.70%	
50) Toluene-d8	8.71	98	545108	48.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.68%	
62) 4-Bromofluorobenzene	11.13	95	195123	47.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	120291	44.566	ug/l	100
3) Chloromethane	1.33	50	142047	47.490	ug/l	100
4) Vinyl Chloride	1.41	62	147976	48.221	ug/l	100
5) Bromomethane	1.64	94	83975	43.234	ug/l	99
6) Chloroethane	1.72	64	94776	48.341	ug/l	98
7) Trichlorofluoromethane	1.93	101	206900	43.981	ug/l	99
8) Diethyl Ether	2.19	74	89470	46.341	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	2.39	101	119844	42.149	ug/l	98
10) Methyl Iodide	2.51	142	185490	52.391	ug/l	100
11) Tert butyl alcohol	3.07	59	160338	232.836	ug/l	99
12) 1,1-Dichloroethene	2.38	96	117661	45.907	ug/l	95
13) Acrolein	2.30	56	116471	190.335	ug/l	99
14) Allyl chloride	2.73	41	244163	51.521	ug/l	93
15) Acrylonitrile	3.15	53	420301	259.355	ug/l	99
16) Acetone	2.45	43	359541	222.762	ug/l	99
17) Carbon Disulfide	2.57	76	327352	45.909	ug/l	98
18) Methyl Acetate	2.78	43	171524	48.701	ug/l	96
19) Methyl tert-butyl Ether	3.20	73	436810	48.941	ug/l	98
20) Methylene Chloride	2.86	84	136628	45.844	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	127301	45.688	ug/l	92
22) Diisopropyl ether	3.87	45	507392	51.432	ug/l	95
23) Vinyl Acetate	3.82	43	1938672	223.984	ug/l	97
24) 1,1-Dichloroethane	3.70	63	263365	49.121	ug/l	98
25) 2-Butanone	4.70	43	621583	252.824	ug/l	94
26) 2,2-Dichloropropane	4.59	77	165695	38.715	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	160991	45.409	ug/l	94
28) Bromochloromethane	5.02	49	124163	47.569	ug/l	85
29) Tetrahydrofuran	5.15	42	414598	255.827	ug/l	93
30) Chloroform	5.21	83	263510	45.882	ug/l	100
31) Cyclohexane	5.57	56	235813	46.757	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	223210	46.994	ug/l	97
36) 1,1-Dichloropropene	5.80	75	195283	49.805	ug/l	97
37) Ethyl Acetate	4.85	43	212245	48.730	ug/l	99
38) Carbon Tetrachloride	5.78	117	193408	49.105	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	227183	45.845	ug/l	95
40) Benzene	6.15	78	604877	49.975	ug/l	99
41) Methacrylonitrile	5.06	41	134723	57.926	ug/l	94
42) 1,2-Dichloroethane	6.20	62	210213	51.673	ug/l	100
43) Isopropyl Acetate	6.46	43	345121	51.485	ug/l	98
44) Trichloroethene	7.21	130	164088	49.282	ug/l	97
45) 1,2-Dichloropropane	7.52	63	162161	51.720	ug/l	98
46) Dibromomethane	7.66	93	103222	47.191	ug/l	98
47) Bromodichloromethane	7.90	83	195713	51.632	ug/l	98
48) Methyl methacrylate	7.77	41	197066	56.083	ug/l	91
49) 1,4-Dioxane	7.75	88	66271	873.225	ug/l	93
51) 4-Methyl-2-Pentanone	8.65	43	1215899	270.977	ug/l	99
52) Toluene	8.79	92	373173	48.893	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	214030	45.675	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	231995	50.434	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	156881	49.291	ug/l	99
56) Ethyl methacrylate	9.18	69	242698	53.622	ug/l	95
57) 1,3-Dichloropropane	9.37	76	262328	51.489	ug/l	100
59) 2-Hexanone	9.49	43	903058	256.348	ug/l	100
60) Dibromochloromethane	9.58	129	161958	52.883	ug/l	98
61) 1,2-Dibromoethane	9.67	107	165809	50.177	ug/l	100
64) Tetrachloroethene	9.34	164	161603	50.738	ug/l	98
65) Chlorobenzene	10.14	112	410519	48.379	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	154425	52.172	ug/l	99
67) Ethyl Benzene	10.25	91	697419	49.615	ug/l	99
68) m/p-Xylenes	10.36	106	534094	97.667	ug/l	97
69) o-Xylene	10.69	106	262109	49.830	ug/l	97
70) Styrene	10.71	104	425823	49.251	ug/l	99
71) Bromoform	10.86	173	126342	56.921	ug/l #	99
73) Isopropylbenzene	11.02	105	691654	48.609	ug/l	100
74) N-amyl acetate	10.90	43	281627	45.578	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	229459	46.625	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	191632m	45.158	ug/l	
77) Bromobenzene	11.26	156	186792	52.338	ug/l	94
78) n-propylbenzene	11.36	91	777138	48.333	ug/l	98
79) 2-Chlorotoluene	11.42	91	460165	47.531	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	567649	48.500	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	67422	43.022	ug/l	94
82) 4-Chlorotoluene	11.51	91	530076	46.803	ug/l	98
83) tert-Butylbenzene	11.77	119	563942	50.184	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	583194	48.713	ug/l	99
85) sec-Butylbenzene	11.94	105	678102	48.154	ug/l	99
86) p-Isopropyltoluene	12.06	119	610640	49.515	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	326027	49.249	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	327531	48.310	ug/l	100
89) n-Butylbenzene	12.39	91	509504	46.326	ug/l	99
90) Hexachloroethane	12.60	117	99154	47.718	ug/l	93
91) 1,2-Dichlorobenzene	12.39	146	326539	49.298	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	48966	45.665	ug/l	97
93) 1,2,4-Trichlorobenzene	13.65	180	228355	56.479	ug/l	100

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A0C1-TWPMSD

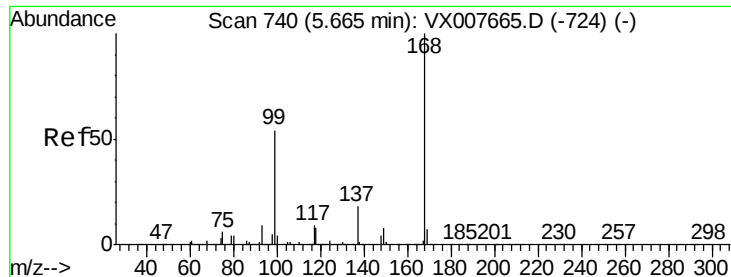
Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 26 01:53:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	114901	62.121	ug/l	99
95) Naphthalene	13.83	128	688133	52.532	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	229909	56.631	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007777.D

Acq: 28 Feb 2019 19:58

Instrument :

MSVOA_X

ClientSampled :

A0C1-TWPMMSD

Tot Ion:168 Resp: 293008

Ion Ratio Lower Upper

168 100

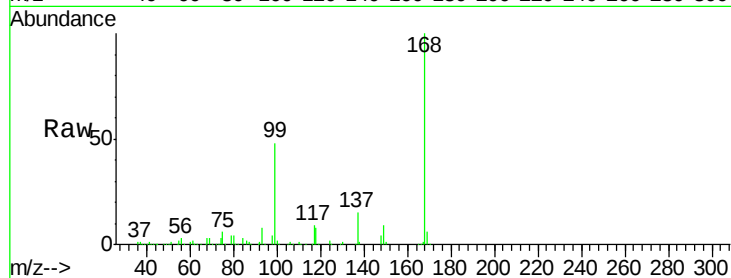
99 48.1 37.9 56.9

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

120000

100000

80000

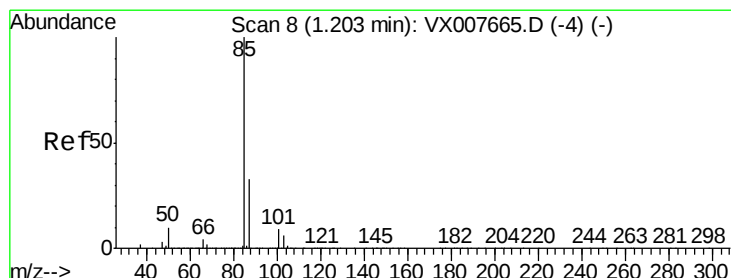
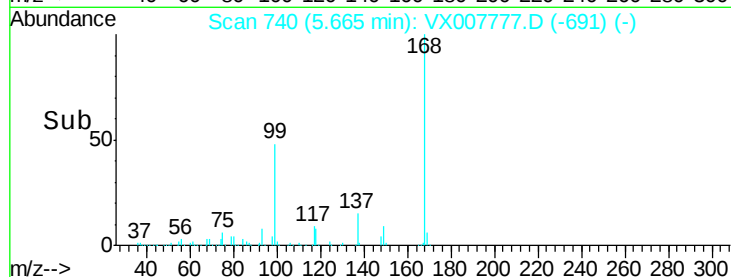
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 44.566 ug/l

RT: 1.20 min Scan# 8

Delta R.T. -0.00 min

Lab File: VX007777.D

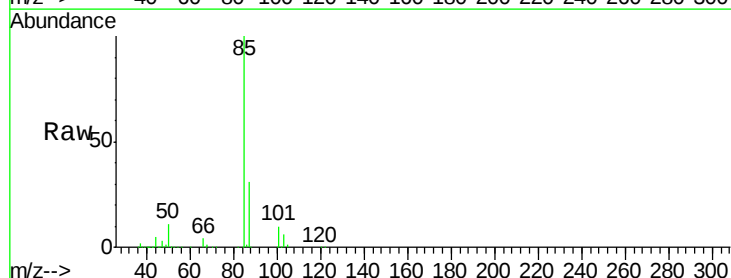
Acq: 28 Feb 2019 19:58

Tgt Ion: 85 Resp: 120291

Ion Ratio Lower Upper

85 100

87 31.4 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

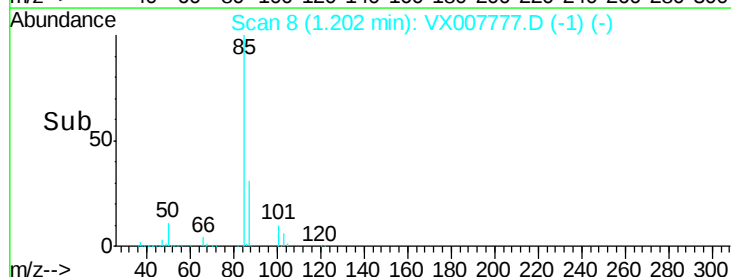
1.20

100000

50000

0

Time-->





#3

Chloromethane

Concen: 47.490 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007777.D

Acq: 28 Feb 2019 19:58

Instrument :

MSVOA_X

ClientSampleId :

A0C1-TWPMDS

Tot Ion: 50 Resp: 142047

Ion Ratio Lower Upper

50 100

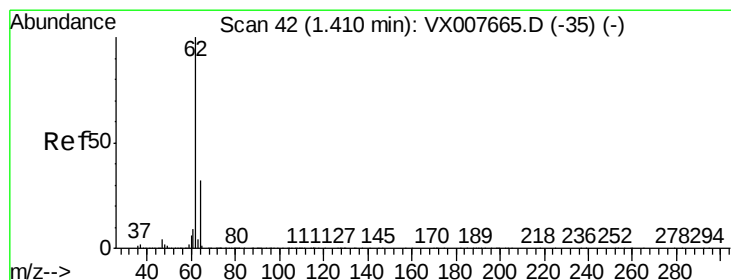
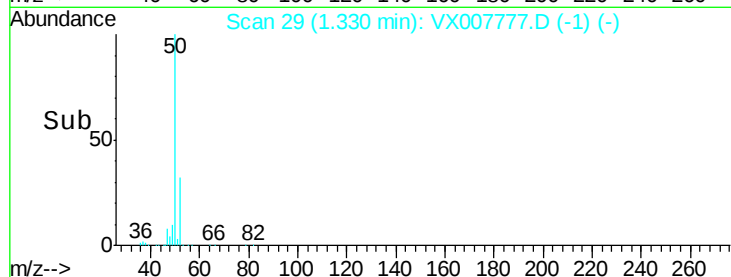
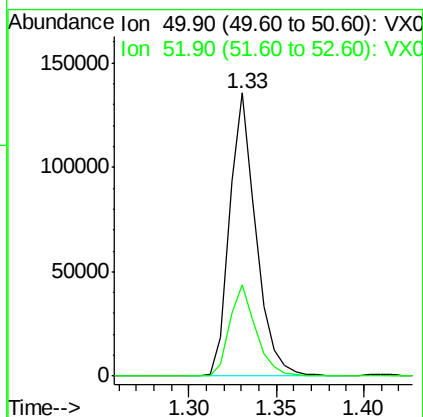
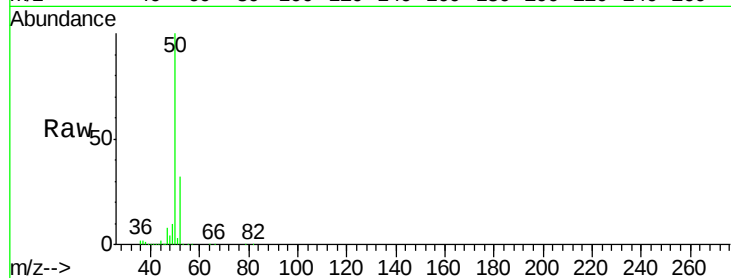
52 32.4 26.1 39.1

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#4

Vinyl Chloride

Concen: 48.221 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007777.D

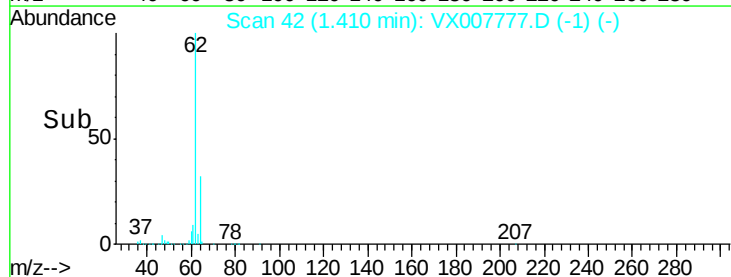
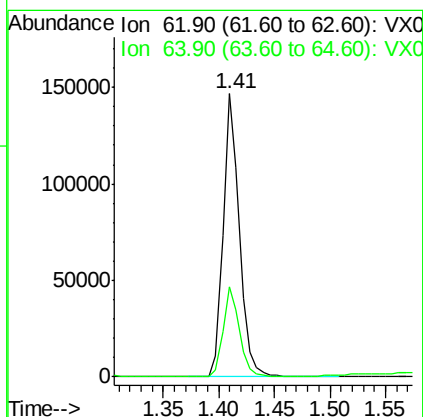
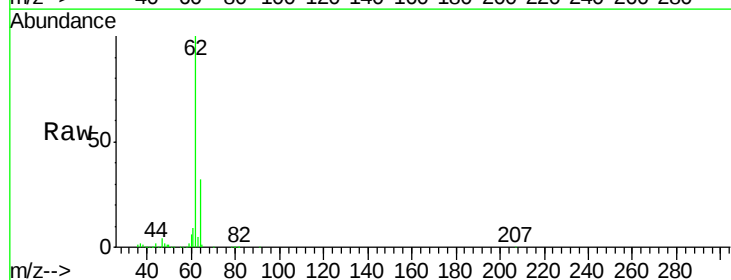
Acq: 28 Feb 2019 19:58

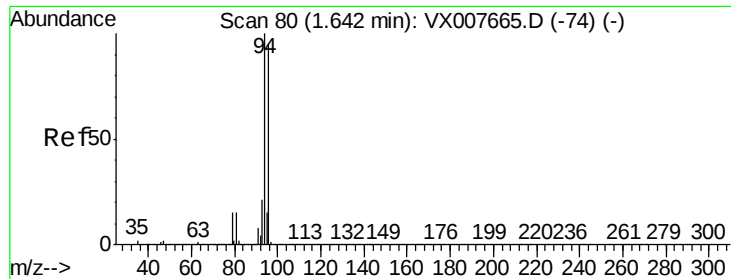
Tgt Ion: 62 Resp: 147976

Ion Ratio Lower Upper

62 100

64 31.8 25.4 38.0





#5

Bromomethane

Concen: 43.234 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007777.D

Acq: 28 Feb 2019 19:58

Instrument :

MSVOA_X

ClientSampleId :

A0C1-TWPMSD

Tot Ion: 94 Resp: 83975

Ion Ratio Lower Upper

94 100

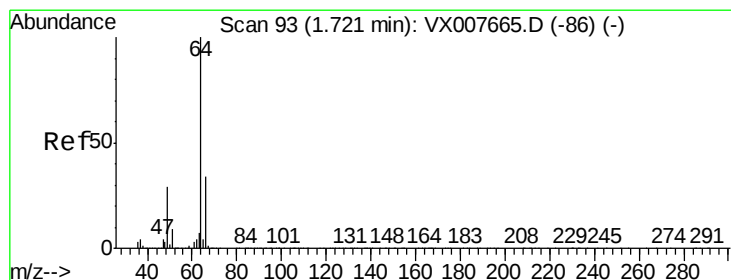
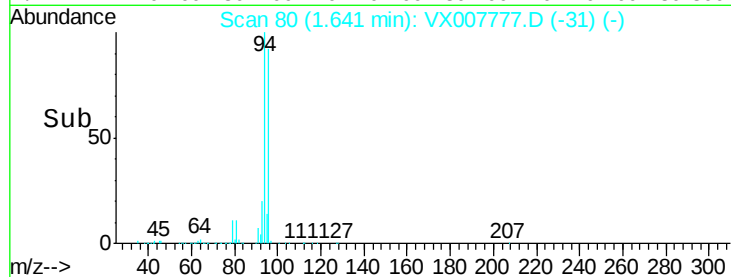
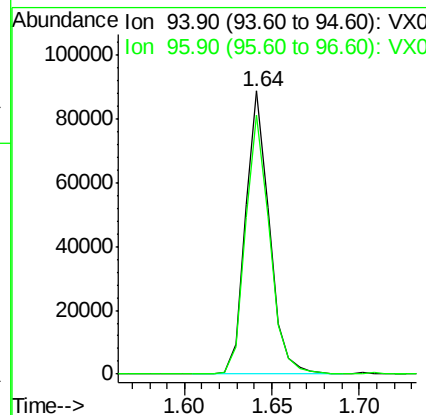
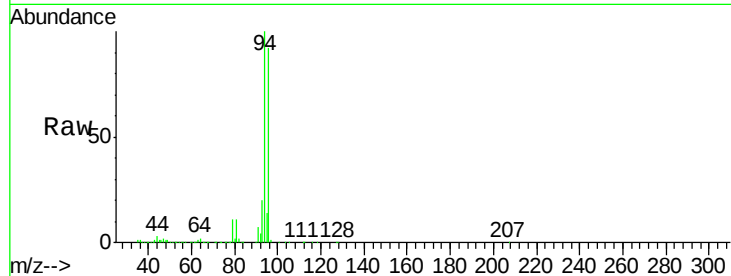
96 91.5 73.9 110.9

Manual Integrations

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#6

Chloroethane

Concen: 48.341 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX007777.D

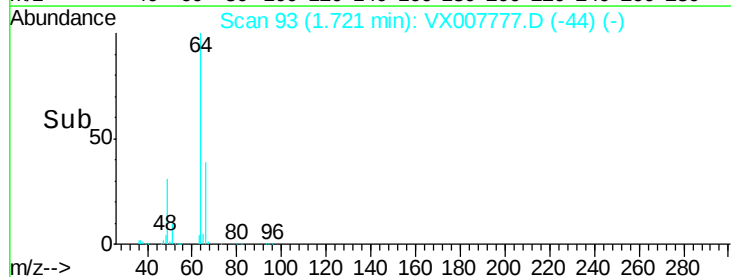
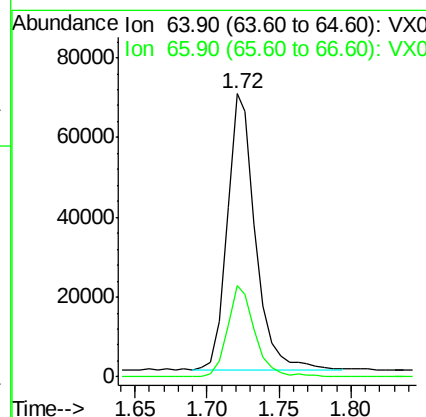
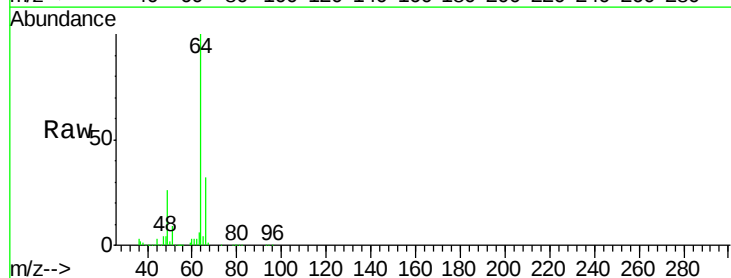
Acq: 28 Feb 2019 19:58

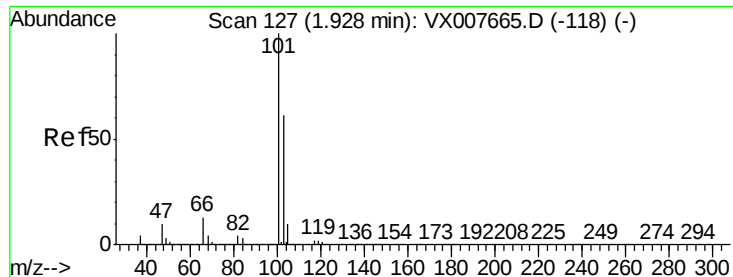
Tgt Ion: 64 Resp: 94776

Ion Ratio Lower Upper

64 100

66 32.8 25.5 38.3





#7

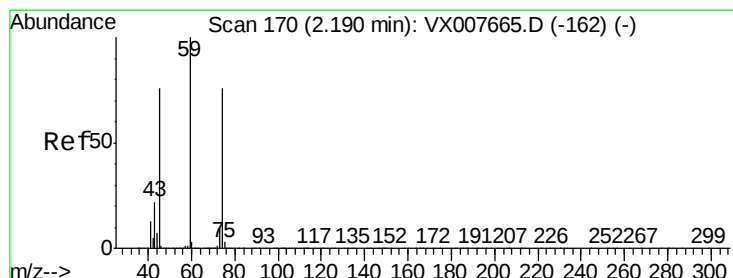
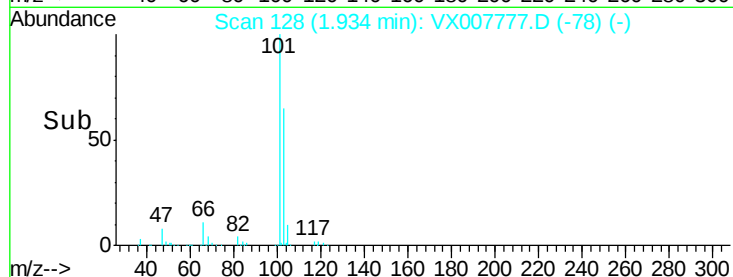
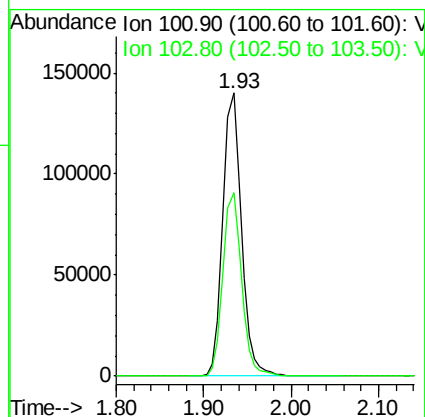
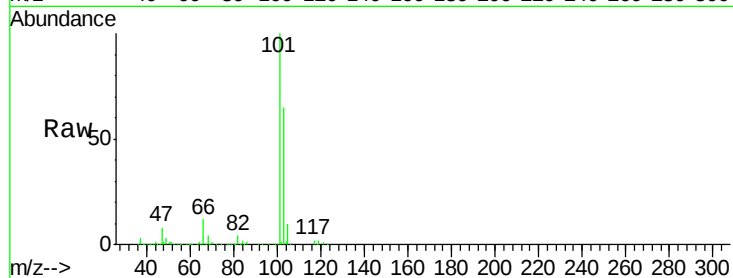
Trichlorofluoromethane
Concen: 43.981 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX007777.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.7	52.6	79.0

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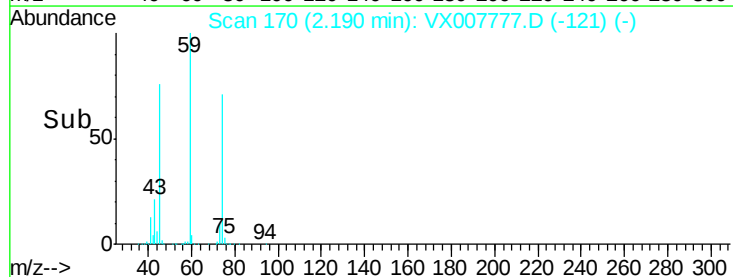
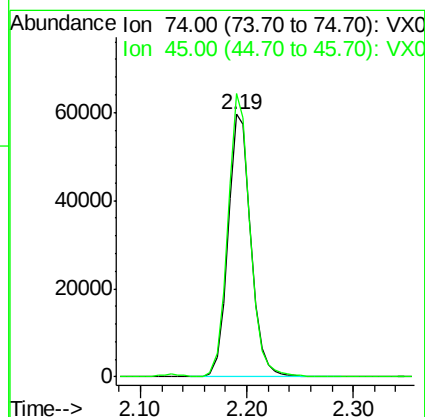
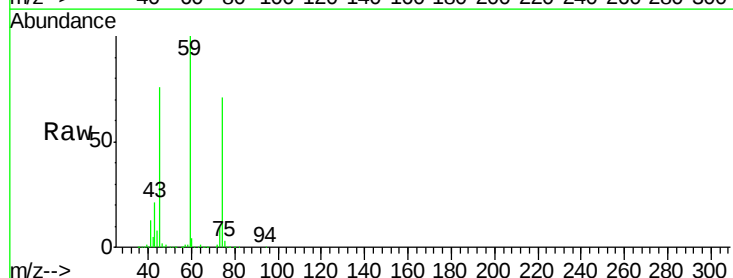
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3/1/2019 10:04:41 AM



#8

Diethyl Ether
Concen: 46.341 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007777.D
Acq: 28 Feb 2019 19:58

Tgt Ion	Ratio	Lower	Upper
74	100		
45	104.0	45.7	137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 42.149 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007777.D

Acq: 28 Feb 2019 19:58

Instrument :

MSVOA_X

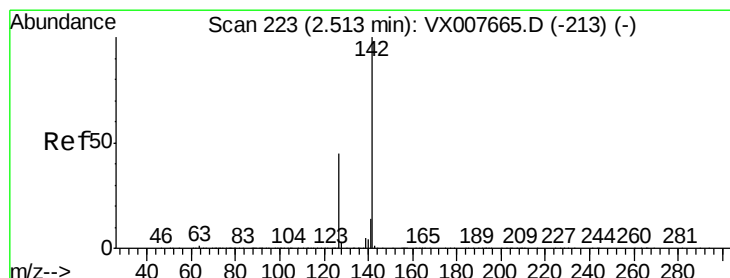
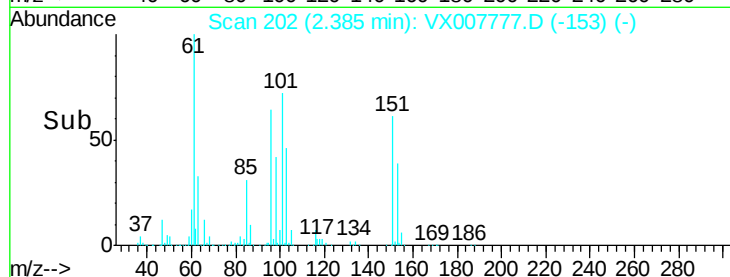
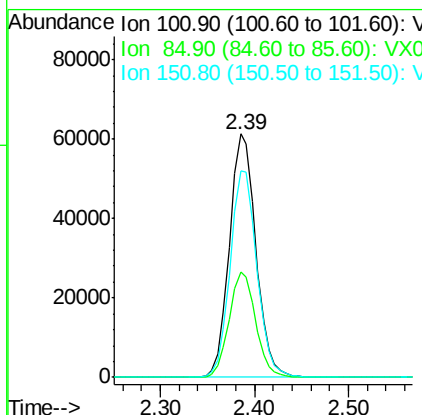
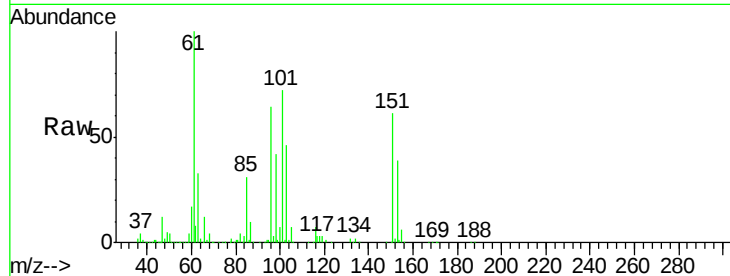
ClientSampleId :

A0C1-TWPMDS

Tot Ion:	101	Resp:	119844
Ion Ratio	Lower	Upper	
101	100		
85	43.4	34.1	51.1
151	85.7	69.9	104.9

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#10

Methyl Iodide

Concen: 52.391 ug/l

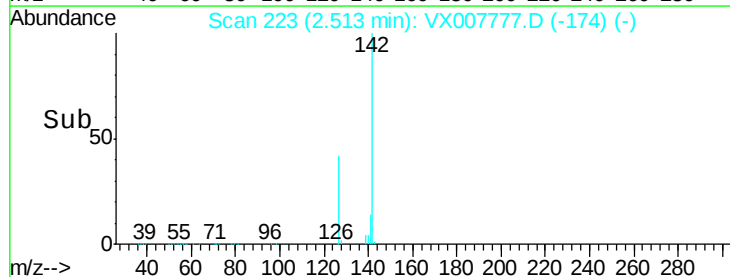
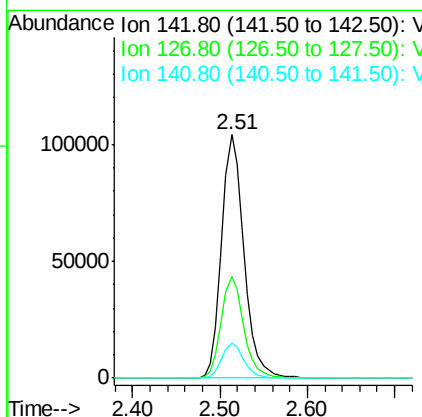
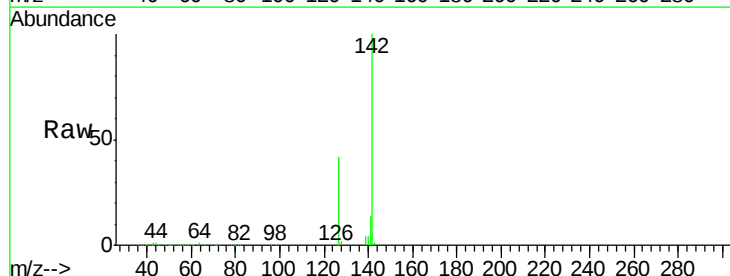
RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX007777.D

Acq: 28 Feb 2019 19:58

Tgt Ion:	142	Resp:	185490
Ion Ratio	Lower	Upper	
142	100		
127	41.9	33.7	50.5
141	14.4	11.3	16.9





#11

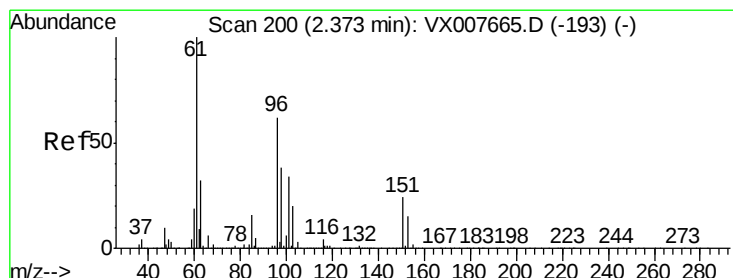
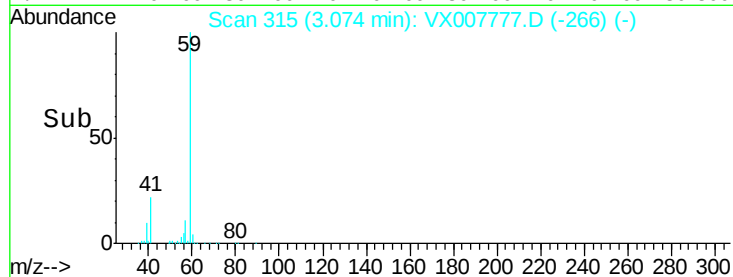
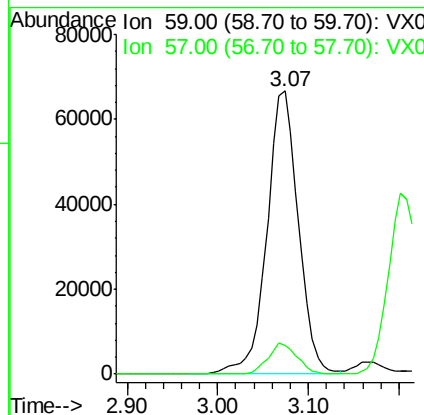
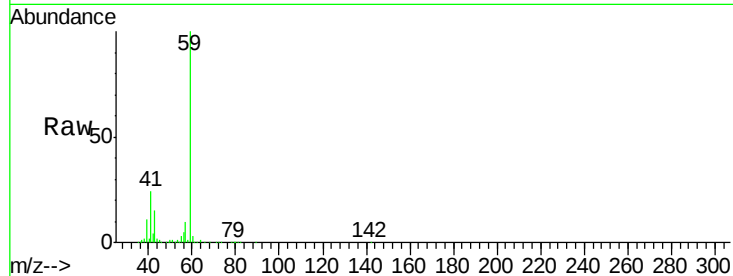
Tert butyl alcohol
Concen: 232.836 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.00 min
Lab File: VX007777.D
Acq: 28 Feb 2019 19:58

Instrument :
MSVOA_X
ClientSampleId :
A0C1-TWPMDS

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.1	12.1

Manual Integrations
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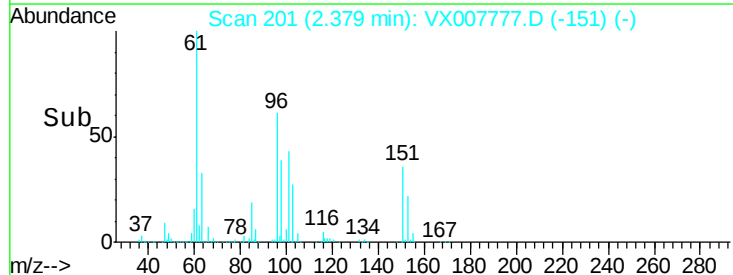
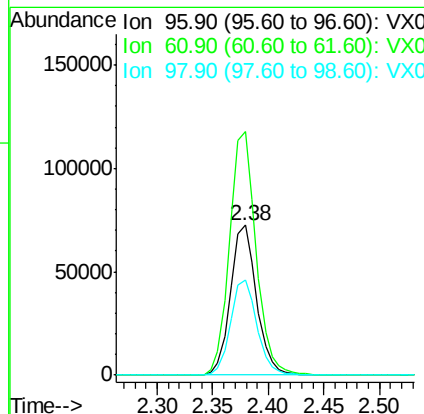
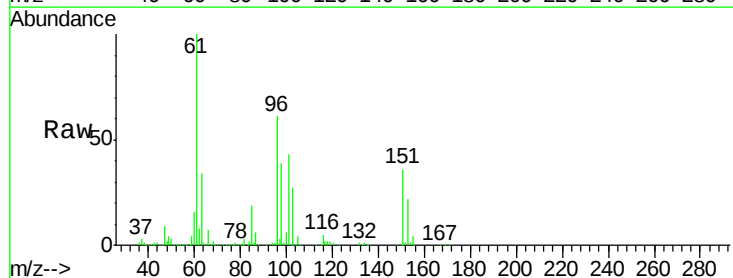
MMDadoda
3/1/2019 10:04:41 AM

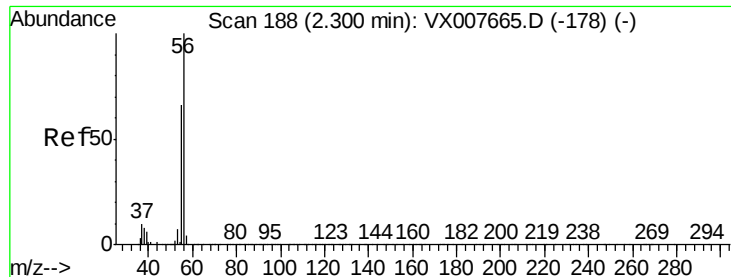


#12

1,1-Dichloroethene
Concen: 45.907 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX007777.D
Acq: 28 Feb 2019 19:58

Tgt Ion	Ratio	Lower	Upper
96	100		
61	162.8	123.0	184.4
98	63.7	50.9	76.3





#13

Acrolein

Concen: 190.335 ug/l

RT: 2.30 min Scan# 188

Delta R.T. -0.00 min

Lab File: VX007777.D

Acq: 28 Feb 2019 19:58

Instrument :

MSVOA_X

ClientSampleId :

A0C1-TWPMSD

Tot Ion: 56 Resp: 116471

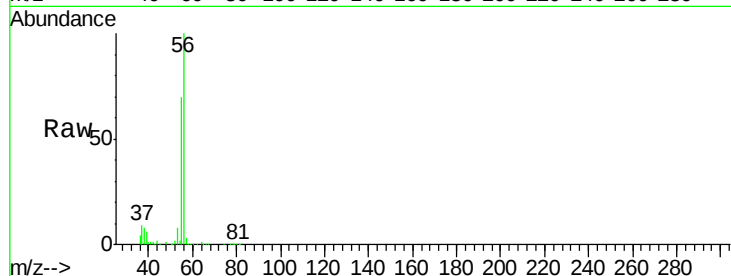
Ion Ratio Lower Upper

56 100

55 72.3 56.9 85.3

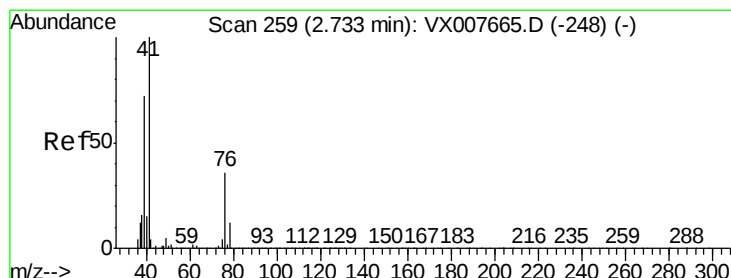
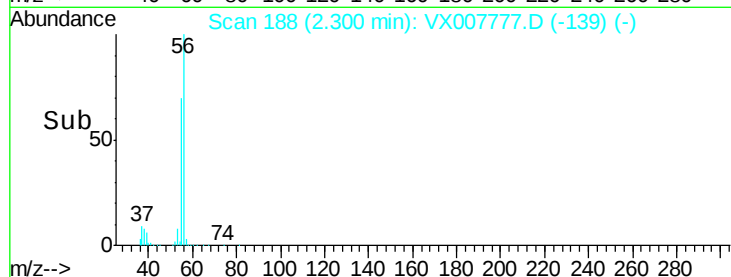
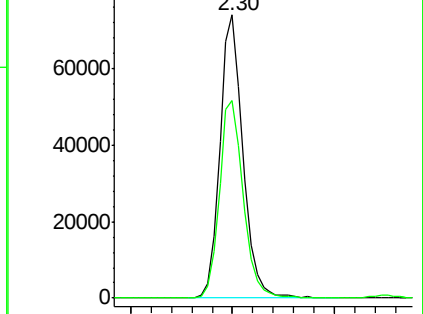
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 51.521 ug/l

RT: 2.73 min Scan# 259

Delta R.T. -0.00 min

Lab File: VX007777.D

Acq: 28 Feb 2019 19:58

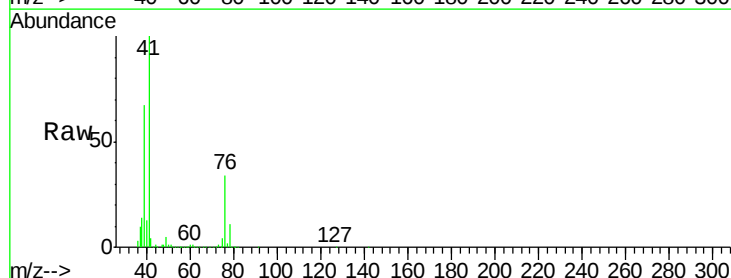
Tgt Ion: 41 Resp: 244163

Ion Ratio Lower Upper

41 100

39 63.0 54.1 81.1

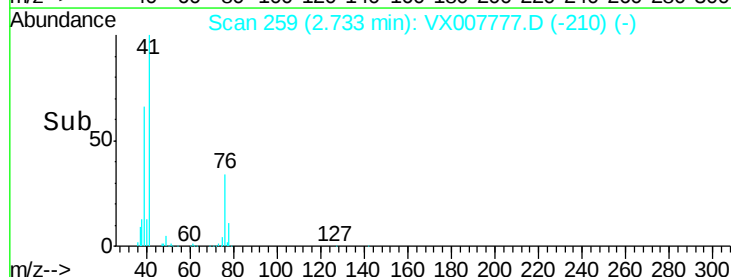
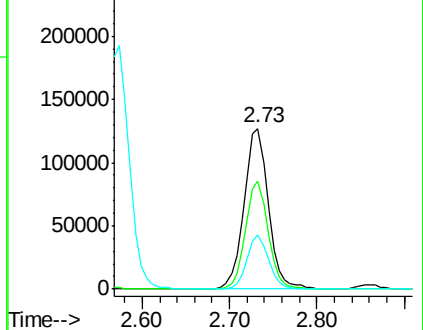
76 30.0 27.8 41.8



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 259.355 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX007777.D

Acq: 28 Feb 2019 19:58

Instrument :

MSVOA_X

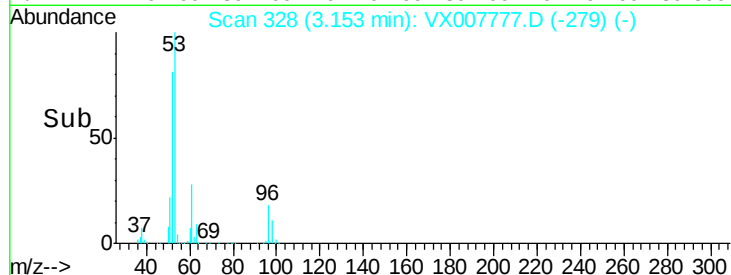
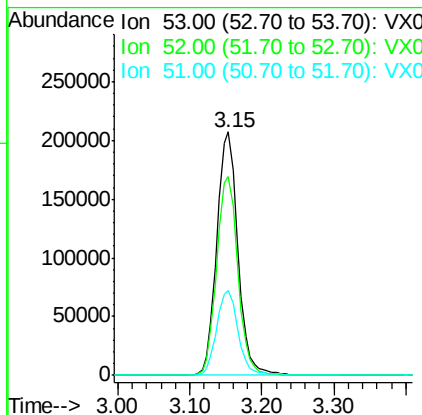
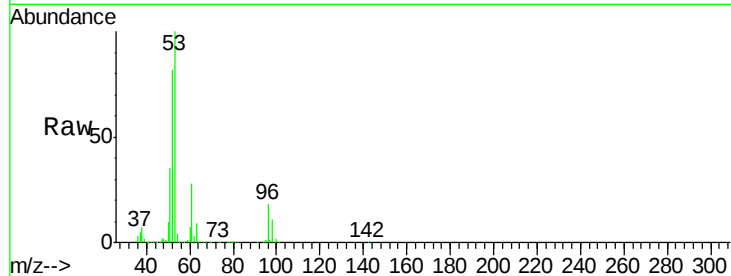
ClientSampled :

A0C1-TWPMSD

Tot Ion:	53	Resp:	420301
Ion Ratio		Lower	Upper
53	100		
52	82.4	66.4	99.6
51	35.7	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 222.762 ug/l

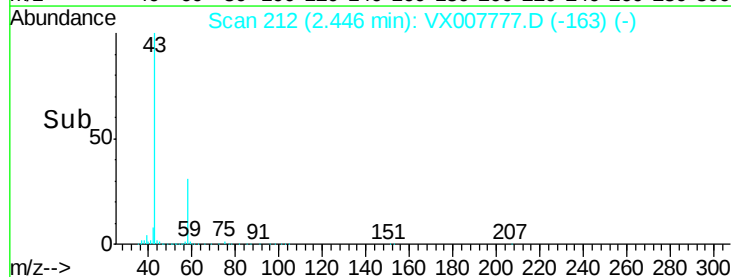
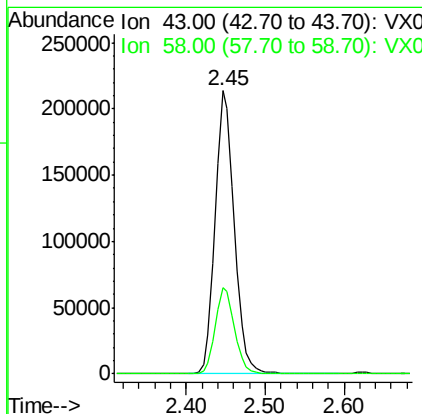
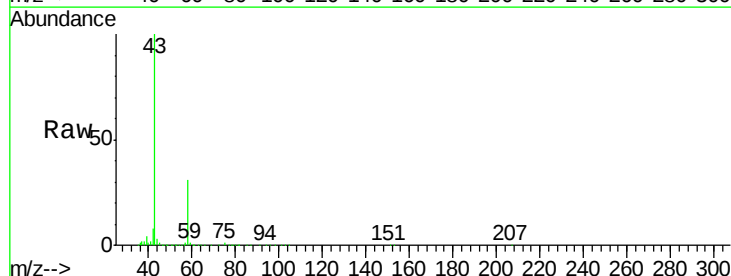
RT: 2.45 min Scan# 212

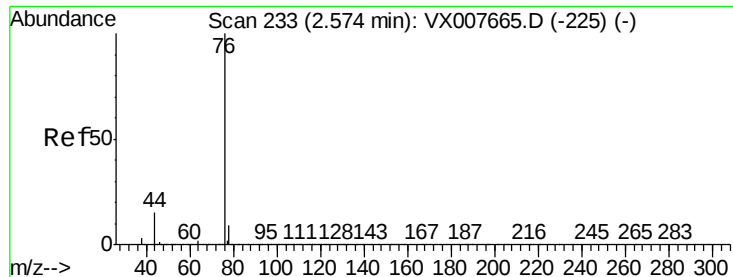
Delta R.T. -0.00 min

Lab File: VX007777.D

Acq: 28 Feb 2019 19:58

Tgt Ion:	43	Resp:	359541
Ion Ratio		Lower	Upper
43	100		
58	30.6	24.9	37.3





#17

Carbon Disulfide

Concen: 45.909 ug/l

RT: 2.57 min Scan# 233

Delta R.T. -0.00 min

Lab File: VX007777.D

Acq: 28 Feb 2019 19:58

Instrument :

MSVOA_X

ClientSampleId :

A0C1-TWPMDS

Tot Ion: 76 Resp: 327352

Ion Ratio Lower Upper

76 100

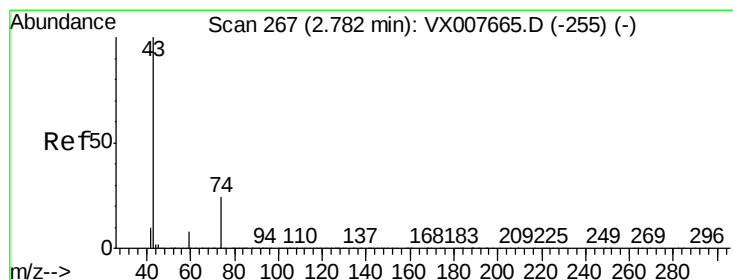
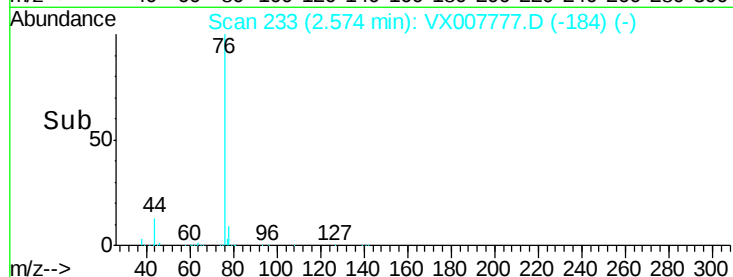
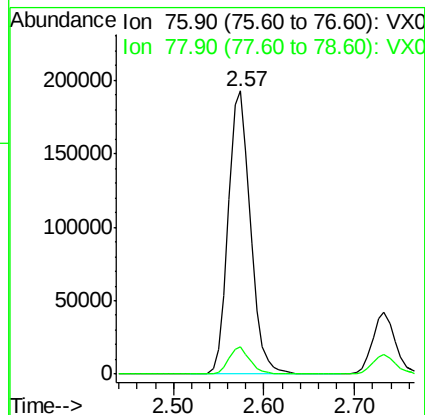
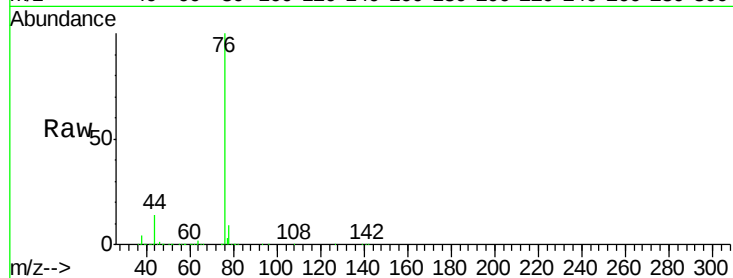
78 9.5 7.1 10.7

Manual Integrations

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#18

Methyl Acetate

Concen: 48.701 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX007777.D

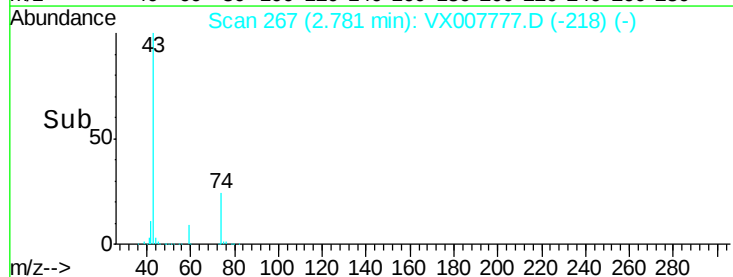
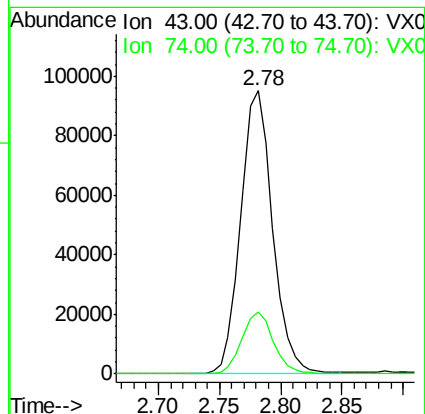
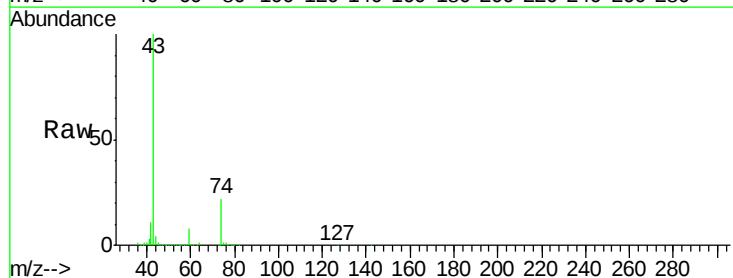
Acq: 28 Feb 2019 19:58

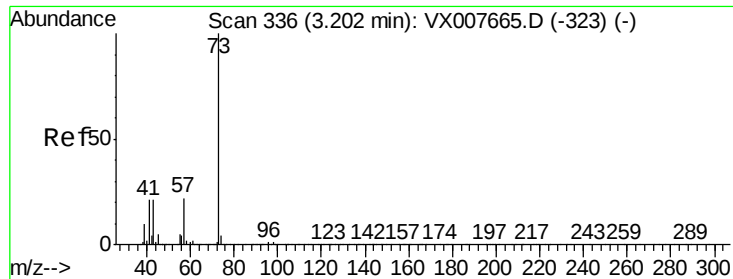
Tgt Ion: 43 Resp: 171524

Ion Ratio Lower Upper

43 100

74 22.2 19.4 29.2





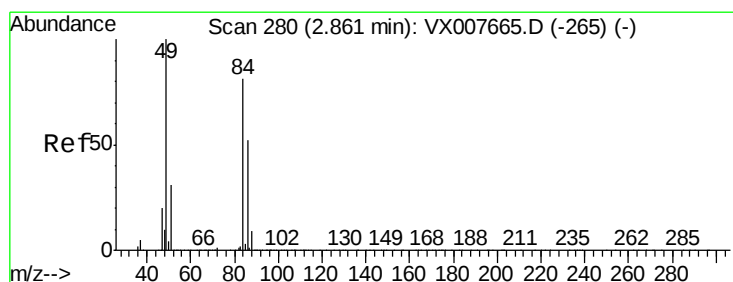
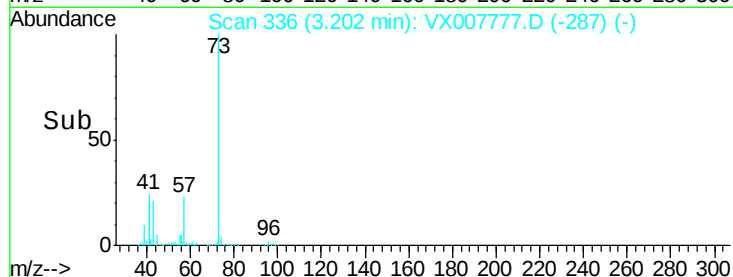
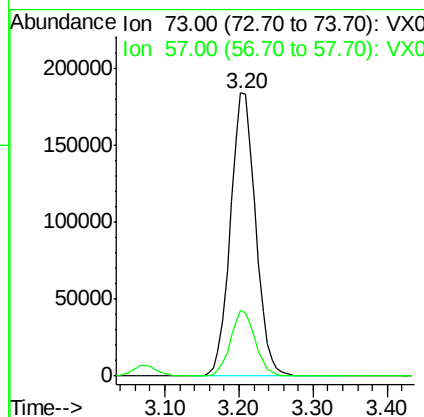
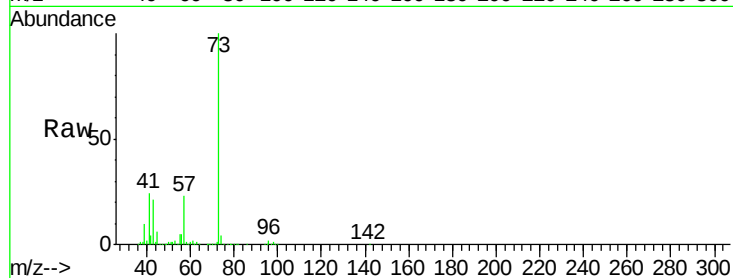
#19
Methvl tert-butvl Ether
Concen: 48.941 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX007777.D
Acq: 28 Feb 2019 19:58

Instrument :
MSVOA_X
ClientSampleId :
A0C1-TWPMDS

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.1	17.8	26.8

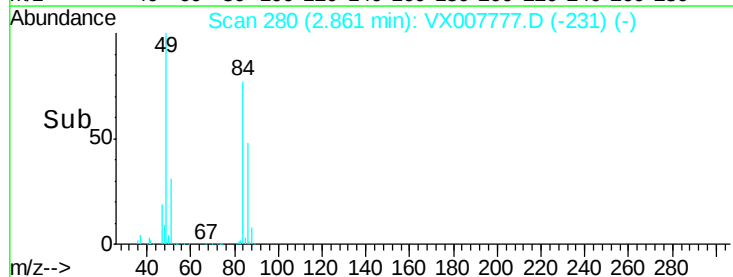
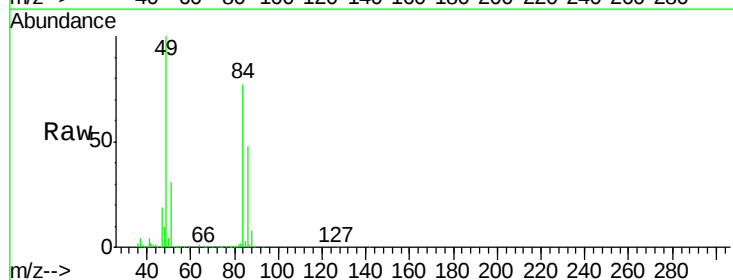
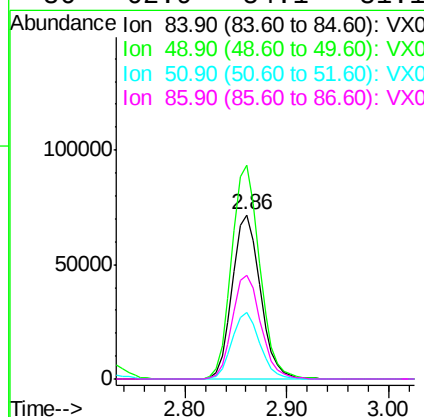
Manual Integrations
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3/1/2019 10:04:41 AM



#20
Methylene Chloride
Concen: 45.844 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX007777.D
Acq: 28 Feb 2019 19:58

Tgt Ion	Ratio	Lower	Upper
84	100		
49	129.9	94.8	142.2
51	40.0	29.8	44.8
86	62.9	54.1	81.1





#21

trans-1,2-Dichloroethene

Concen: 45.688 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007777.D

Acq: 28 Feb 2019 19:58

Instrument :

MSVOA_X

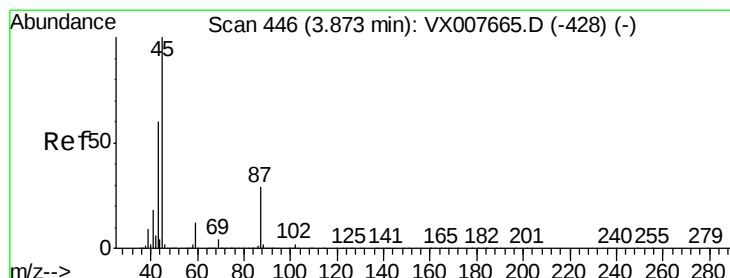
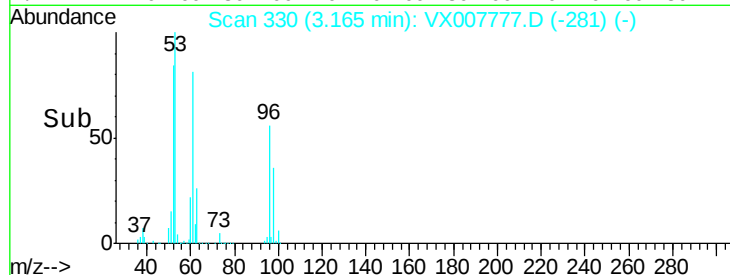
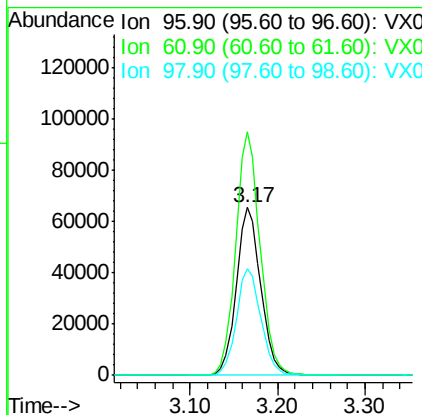
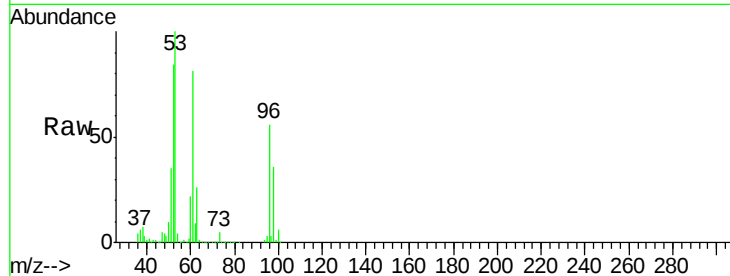
ClientSampleId :

A0C1-TWPMDS

Tot Ion:	96	Resp:	127301
Ion Ratio	Lower	Upper	
96	100		
61	145.1	104.6	156.8
98	63.8	51.0	76.4

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#22

Diisopropyl ether

Concen: 51.432 ug/l

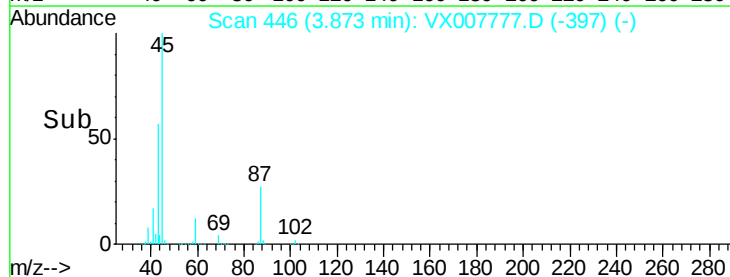
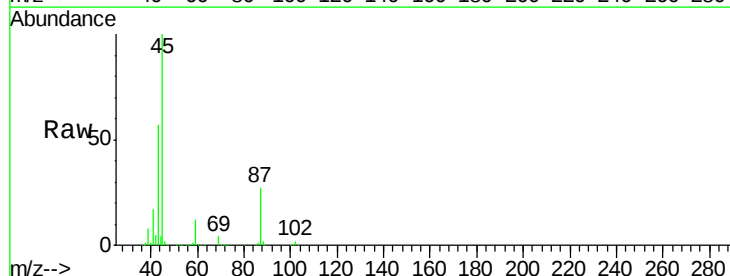
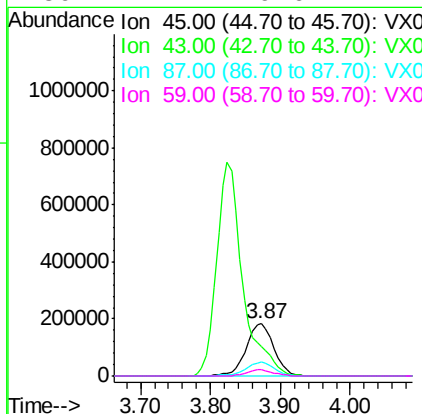
RT: 3.87 min Scan# 446

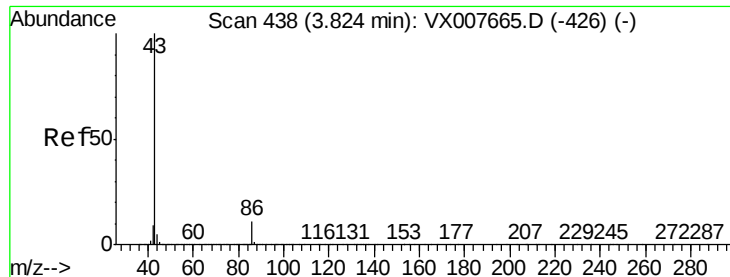
Delta R.T. -0.00 min

Lab File: VX007777.D

Acq: 28 Feb 2019 19:58

Tgt Ion:	45	Resp:	507392
Ion Ratio	Lower	Upper	
45	100		
43	56.9	48.9	73.3
87	26.6	23.9	35.9
59	11.7	9.6	14.4





#23

Vinyl Acetate

Concen: 223.984 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX007777.D

Acq: 28 Feb 2019 19:58

Instrument :

MSVOA_X

ClientSampleId :

A0C1-TWPMDS

Tot Ion: 43 Resp: 1938672

Ion Ratio Lower Upper

43 100

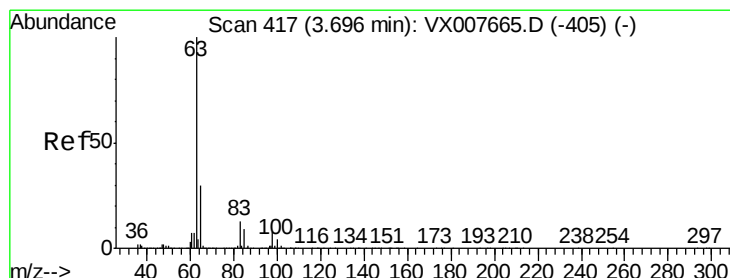
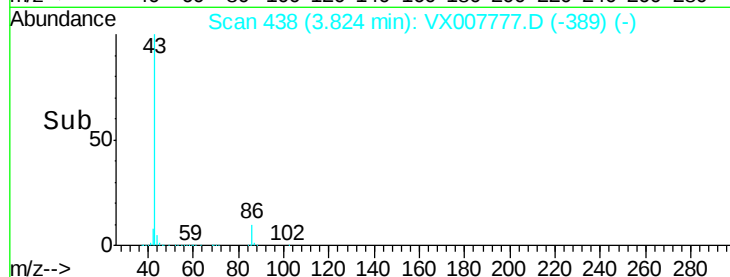
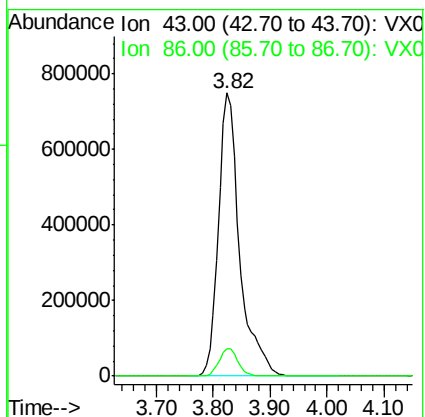
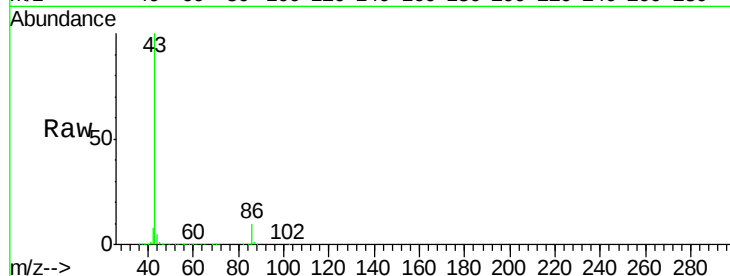
86 9.8 8.7 13.1

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 49.121 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007777.D

Acq: 28 Feb 2019 19:58

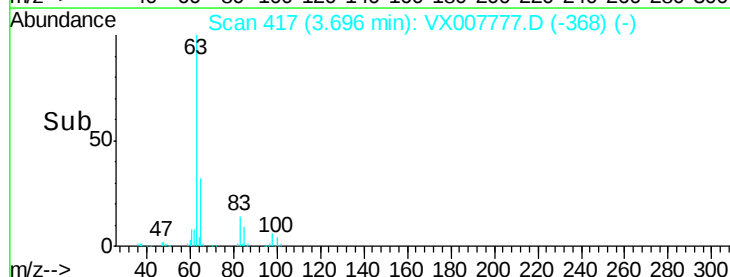
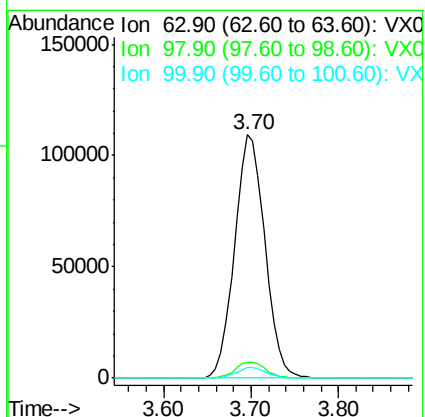
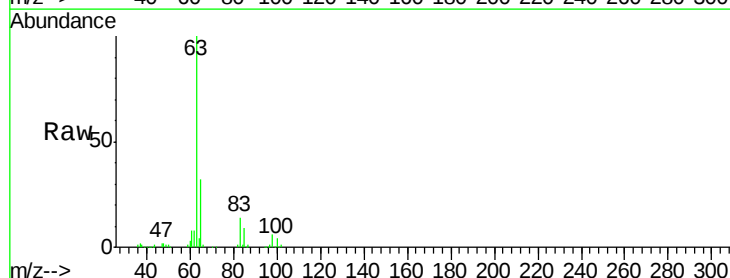
Tgt Ion: 63 Resp: 263365

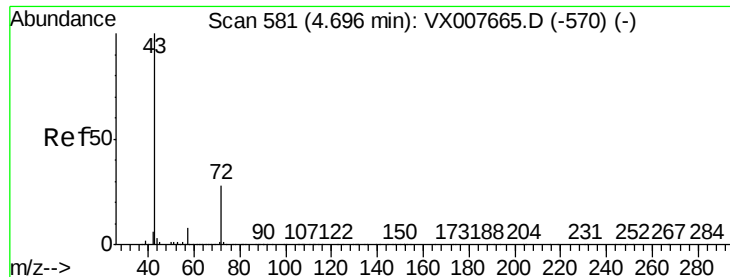
Ion Ratio Lower Upper

63 100

98 6.5 3.6 10.8

100 4.2 2.5 7.4





#25

2-Butanone

Concen: 252.824 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.00 min

Lab File: VX007777.D

Acq: 28 Feb 2019 19:58

Tot Ion: 43 Resp: 621583

Ion Ratio Lower Upper

43 100

72 24.6 22.2 33.2

Instrument :

MSVOA_X

ClientSampleId :

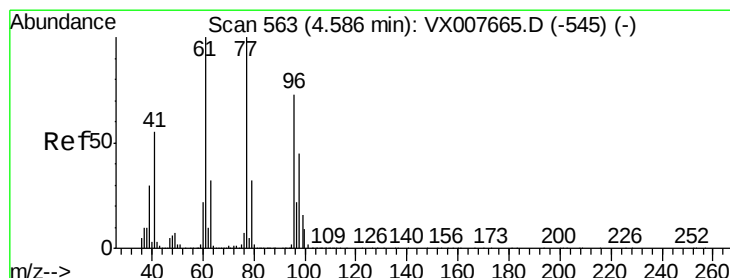
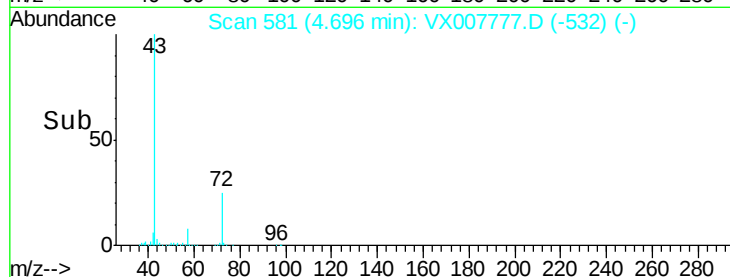
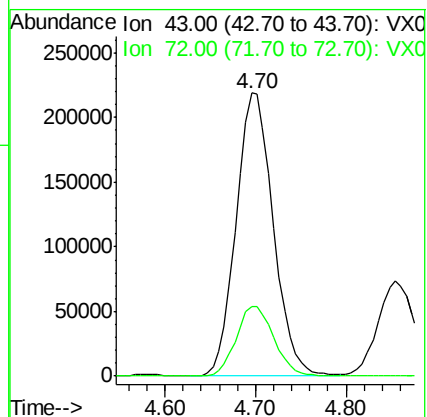
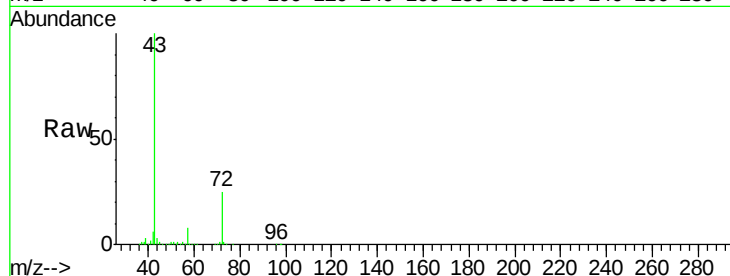
A0C1-TWPMDS

Manual Integrations

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3/1/2019 10:04:41 AM



#26

2,2-Dichloropropane

Concen: 38.715 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX007777.D

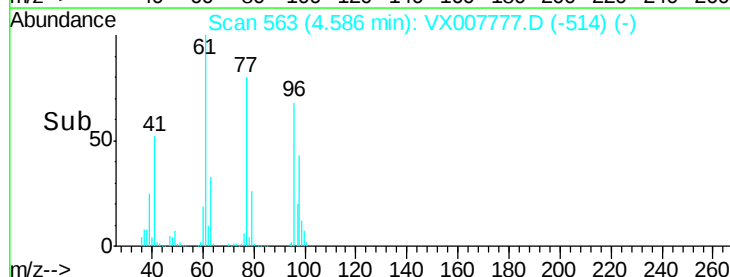
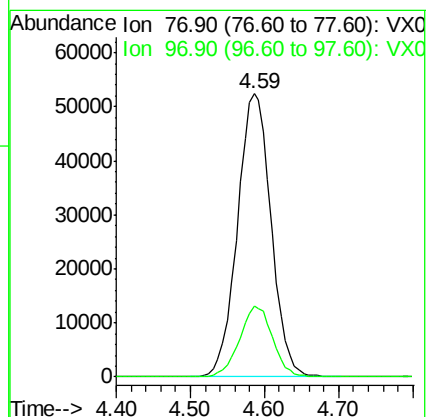
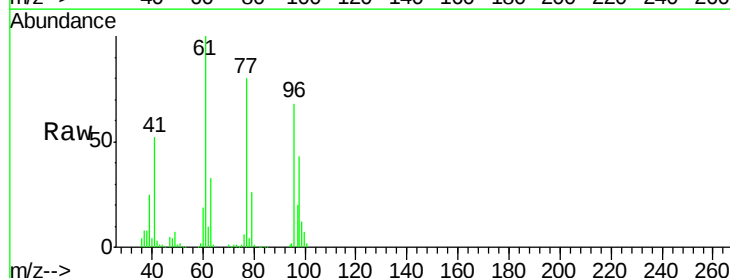
Acq: 28 Feb 2019 19:58

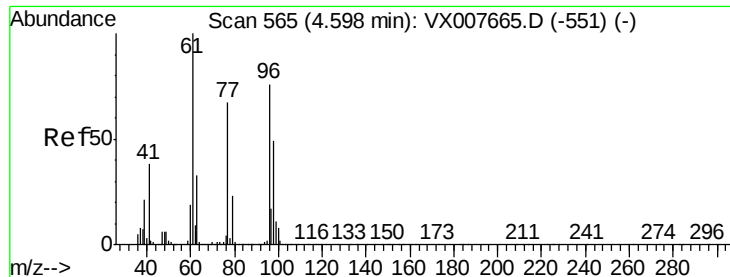
Tgt Ion: 77 Resp: 165695

Ion Ratio Lower Upper

77 100

97 24.6 12.1 36.3





#27

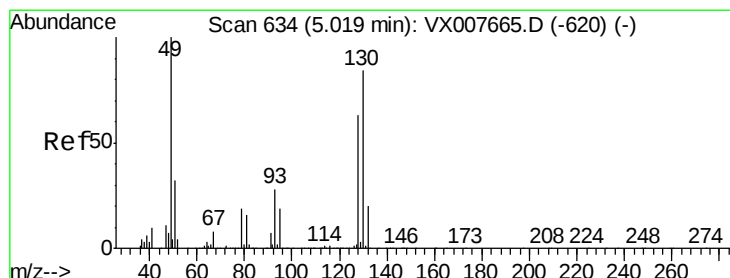
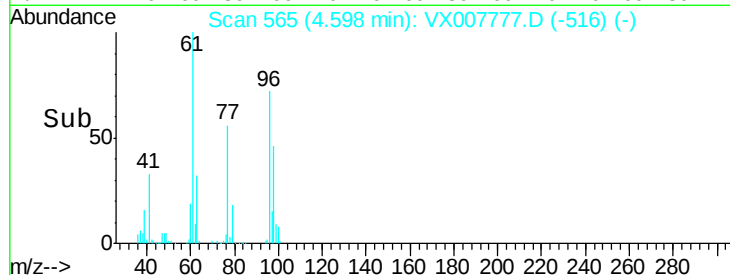
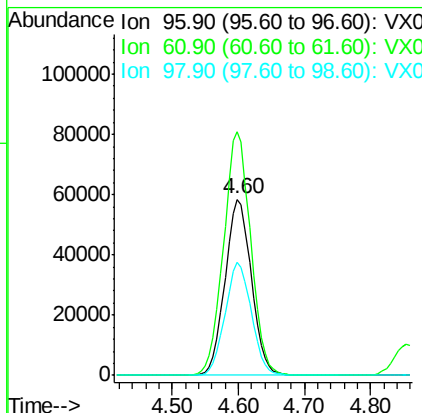
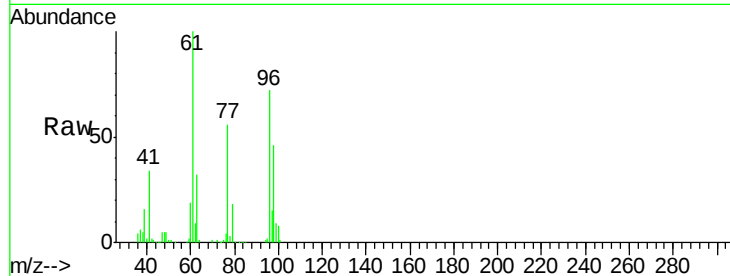
cis-1,2-Dichloroethene
Concen: 45.409 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX007777.D
Acq: 28 Feb 2019 19:58

Instrument :
MSVOA_X
ClientSampleId :
A0C1-TWPMSD

Tot Ion	Ratio	Resp	Lower	Upper
96	100	160991		
61	142.8		0.0	265.6
98	64.2		0.0	131.6

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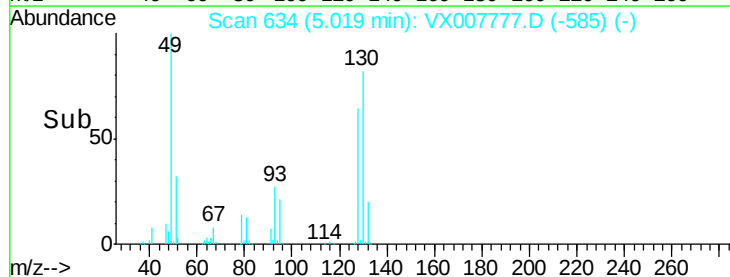
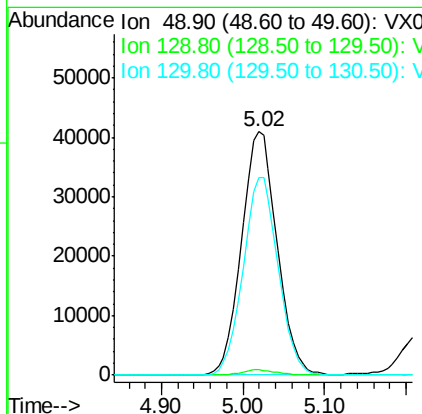
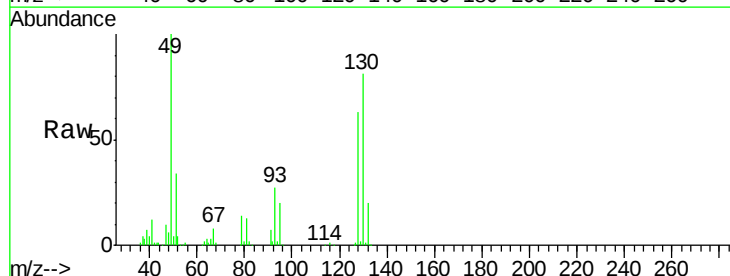
MMDadoda
3/1/2019 10:04:41 AM

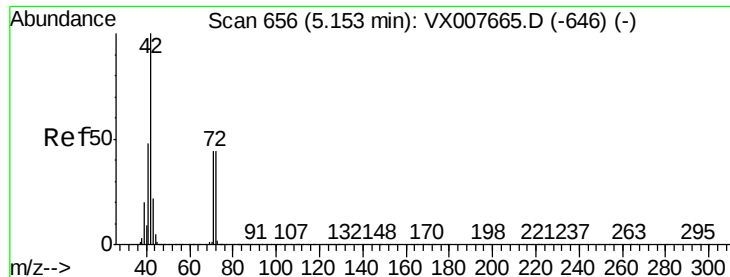


#28

Bromochloromethane
Concen: 47.569 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX007777.D
Acq: 28 Feb 2019 19:58

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	124163		
129	2.1		0.0	5.6
130	80.0		75.6	113.4





#29

Tetrahydrofuran

Concen: 255.827 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX007777.D

Acq: 28 Feb 2019 19:58

Instrument :

MSVOA_X

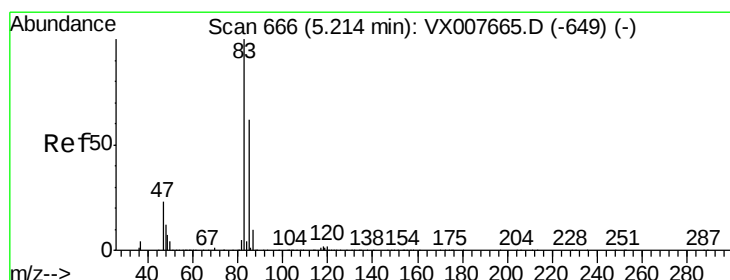
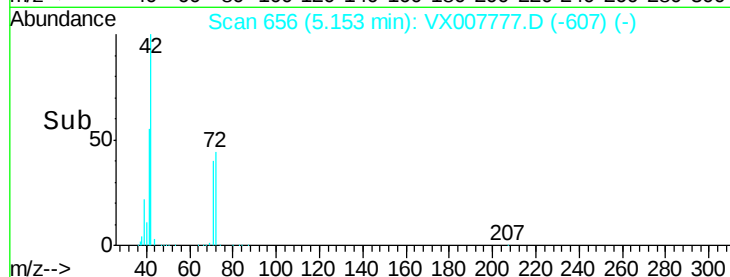
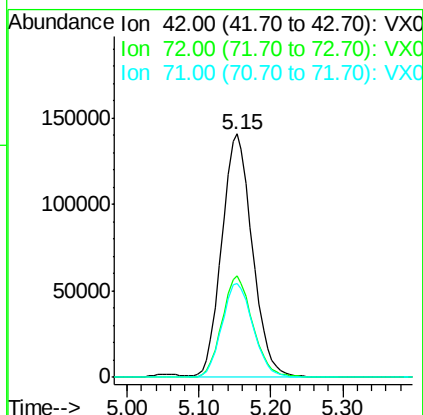
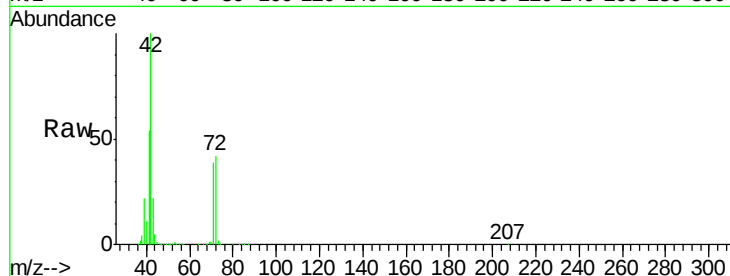
ClientSampleId :

A0C1-TWPMDS

Tot Ion:	42	Resp:	414598
Ion Ratio		Lower	Upper
42	100		
72	42.2	37.6	56.4
71	39.2	34.6	51.8

Manual Integrations
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#30

Chloroform

Concen: 45.882 ug/l

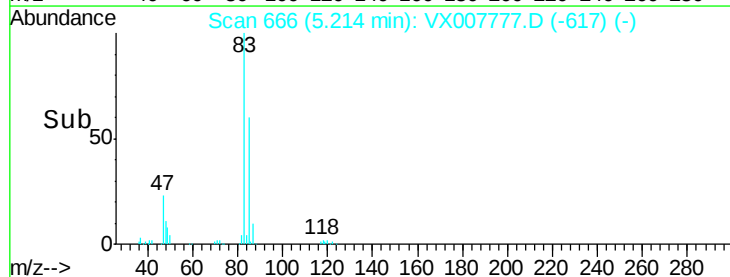
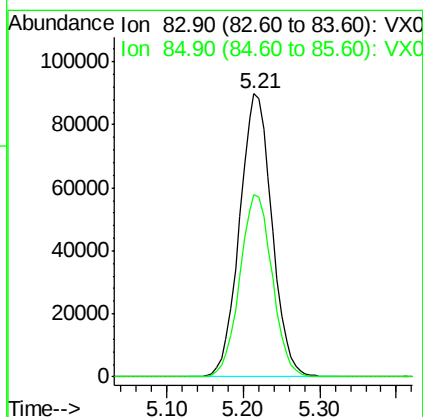
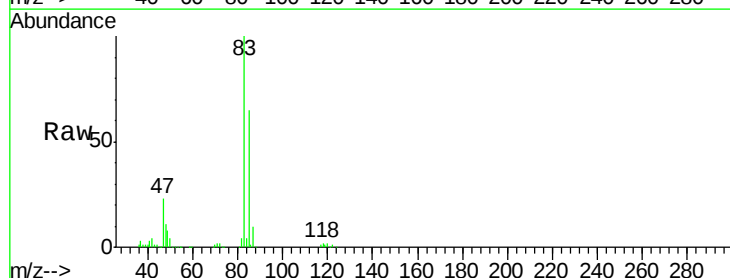
RT: 5.21 min Scan# 666

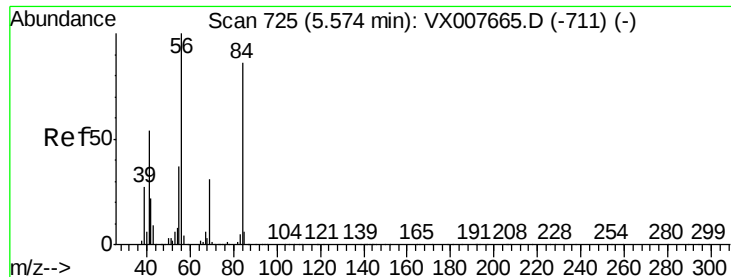
Delta R.T. -0.00 min

Lab File: VX007777.D

Acq: 28 Feb 2019 19:58

Tgt Ion:	83	Resp:	263510
Ion Ratio		Lower	Upper
83	100		
85	64.6	51.6	77.4





#31

Cyclohexane

Concen: 46.757 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX007777.D

Acq: 28 Feb 2019 19:58

Instrument :

MSVOA_X

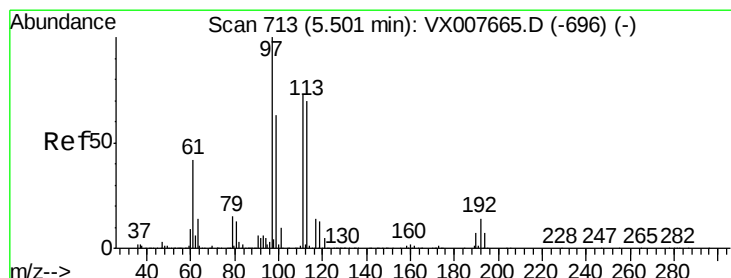
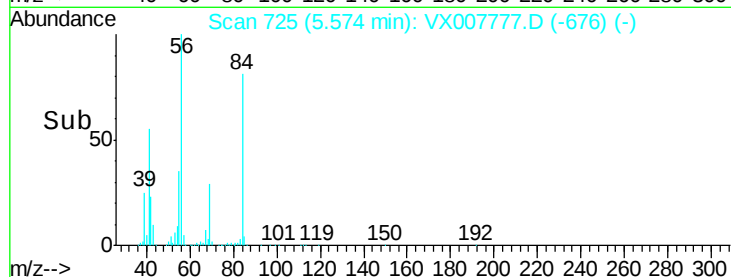
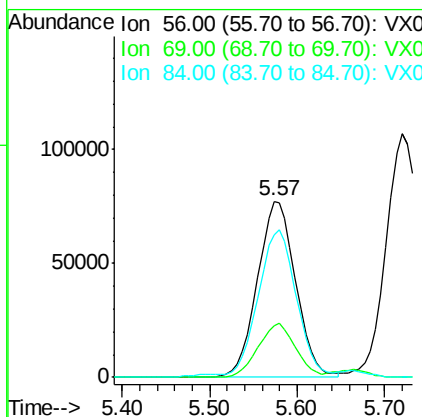
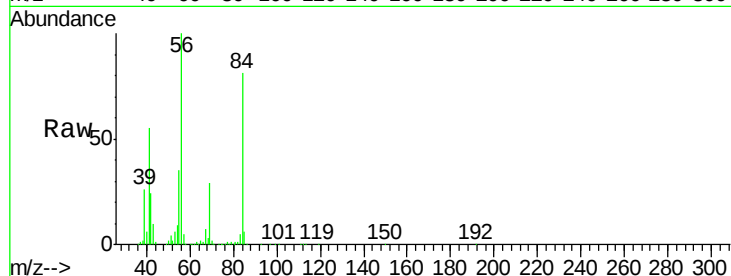
ClientSampled :

A0C1-TWPMDS

Tot Ion:	56	Resp:	235813
Ion Ratio	Lower	Upper	
56	100		
69	29.3	23.0	34.6
84	80.4	69.8	104.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 46.994 ug/l

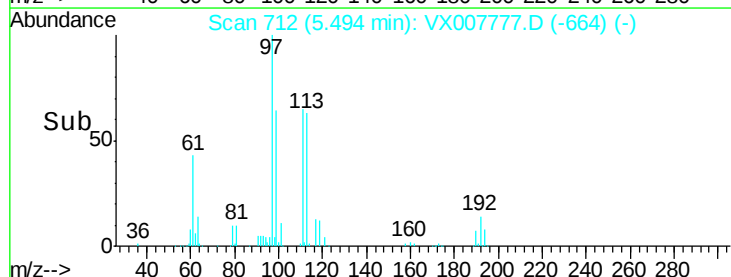
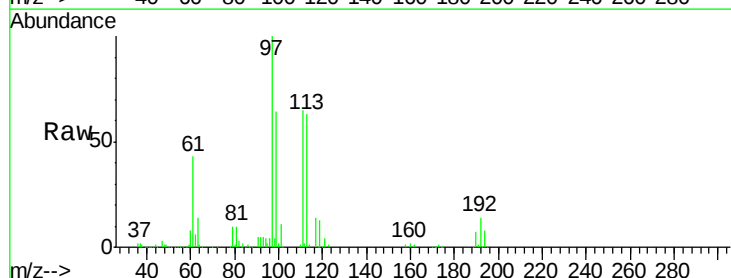
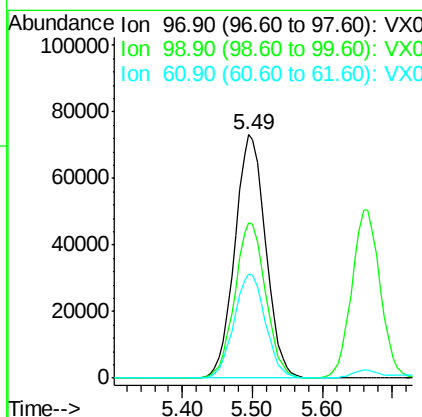
RT: 5.49 min Scan# 712

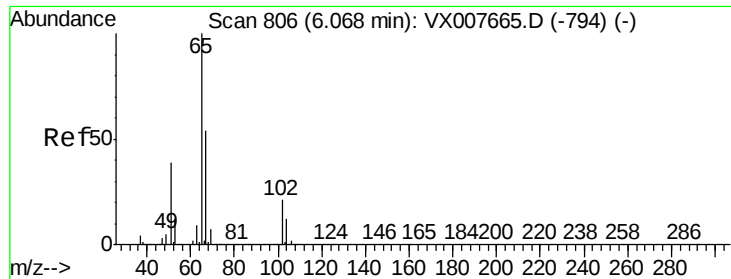
Delta R.T. -0.01 min

Lab File: VX007777.D

Acq: 28 Feb 2019 19:58

Tgt Ion:	97	Resp:	223210
Ion Ratio	Lower	Upper	
97	100		
99	64.0	52.2	78.2
61	43.6	32.7	49.1





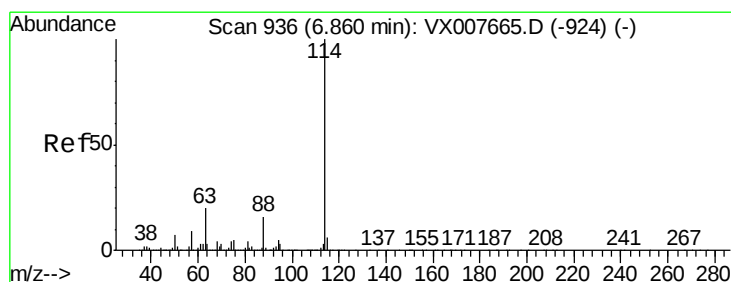
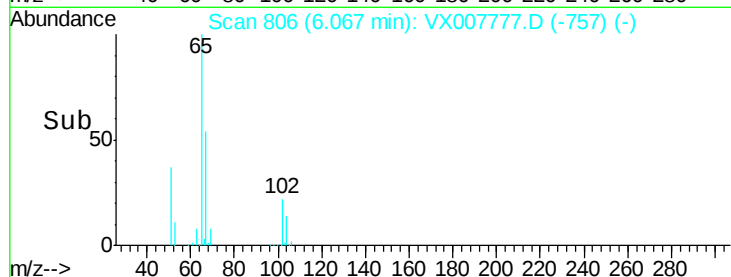
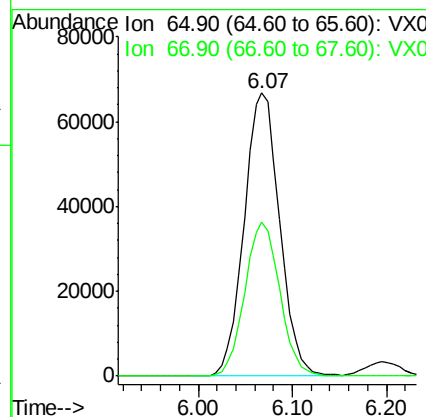
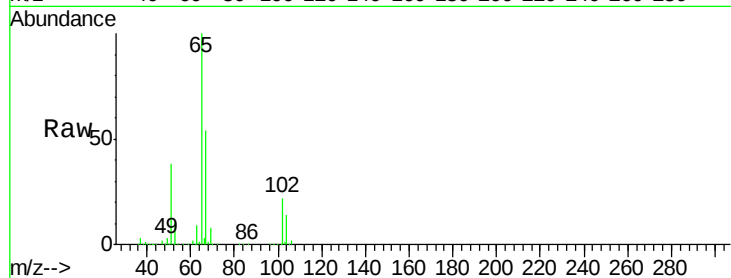
#33
 1,2-Dichloroethane-d4
 Concen: 48.242 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX007777.D
 Acq: 28 Feb 2019 19:58

Instrument :
 MSVOA_X
 ClientSampleId :
 A0C1-TWPMSD

Tot Ion	Ratio	Resp	Lower	Upper
65	100	175093		
67	53.6	0.0	108.8	

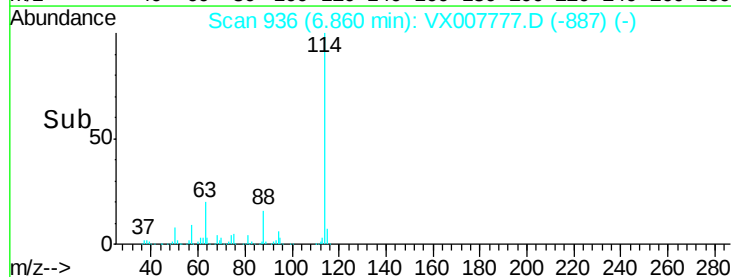
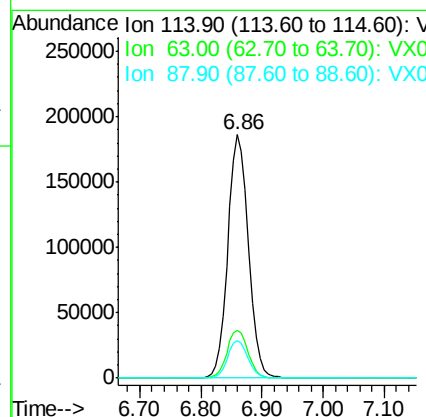
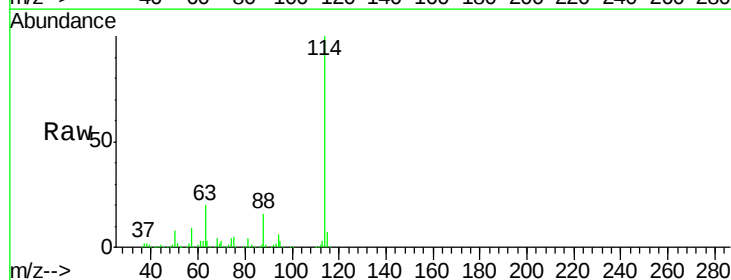
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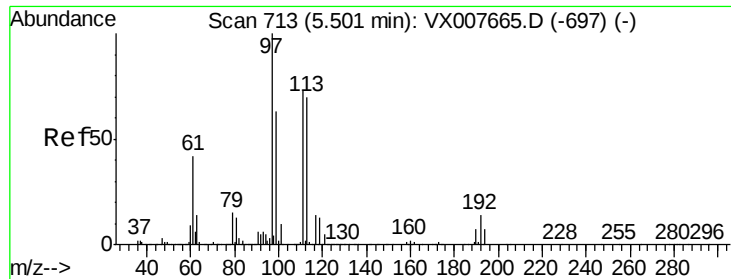
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007777.D
 Acq: 28 Feb 2019 19:58

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	436127		
63	19.8	0.0	35.6	
88	15.6	0.0	29.6	





#35

Dibromofluoromethane

Concen: 50.346 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX007777.D

Acq: 28 Feb 2019 19:58

Instrument :

MSVOA_X

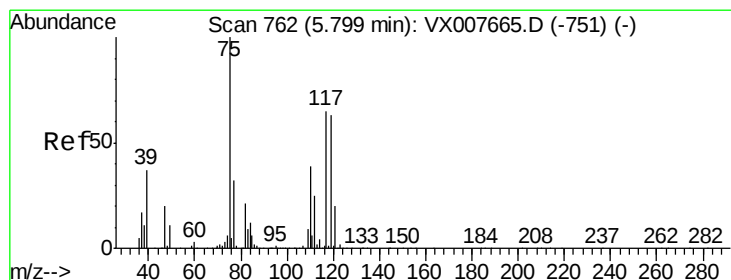
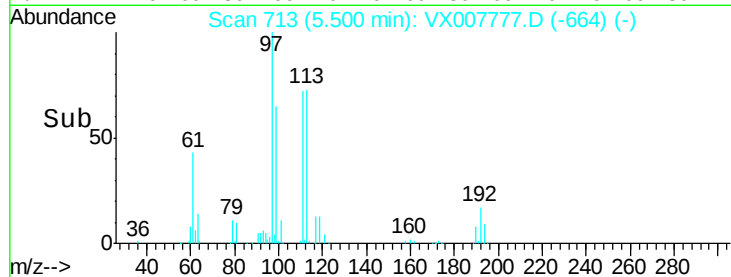
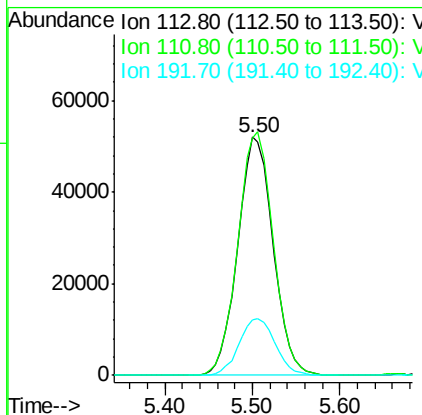
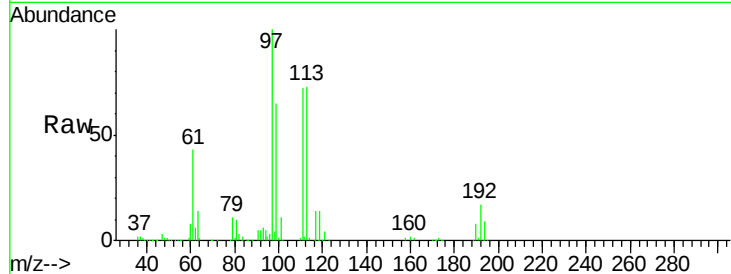
ClientSampleId :

A0C1-TWPMDS

Tot Ion:	113	Resp:	146778
Ion Ratio	Lower	Upper	
113	100		
111	102.3	81.8	122.8
192	24.2	18.5	27.7

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#36

1,1-Dichloropropene

Concen: 49.805 ug/l

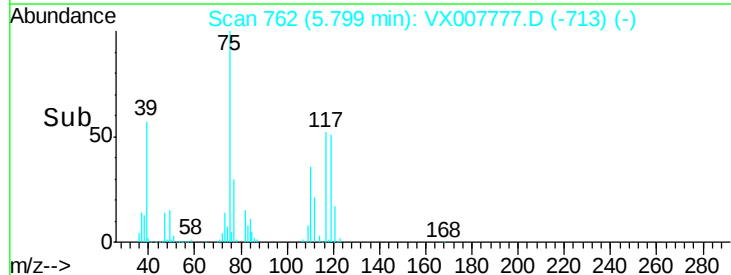
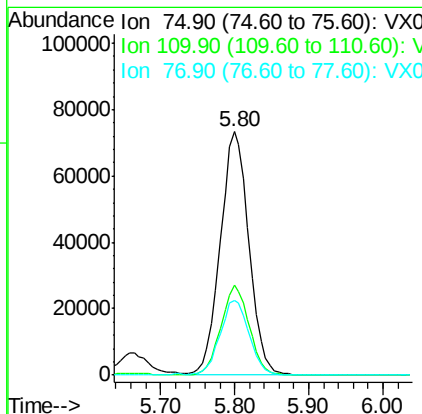
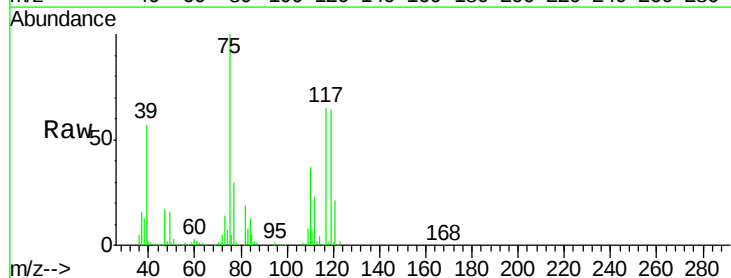
RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX007777.D

Acq: 28 Feb 2019 19:58

Tgt Ion:	75	Resp:	195283
Ion Ratio	Lower	Upper	
75	100		
110	36.6	20.0	59.9
77	31.3	24.7	37.1





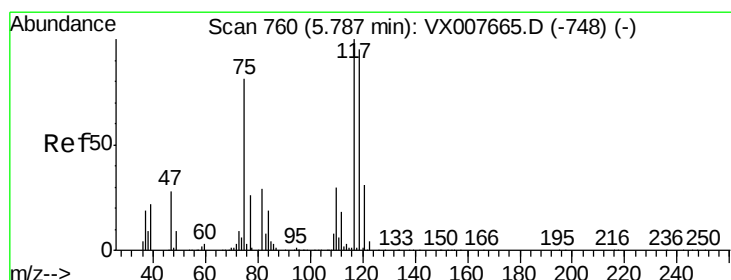
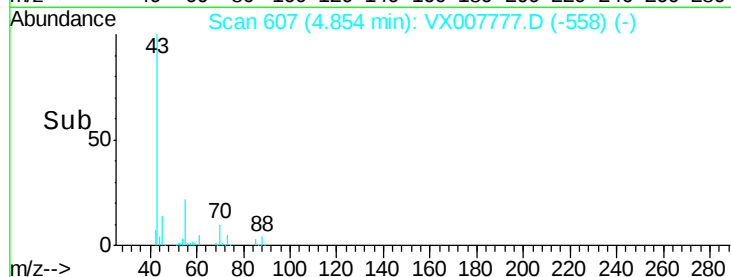
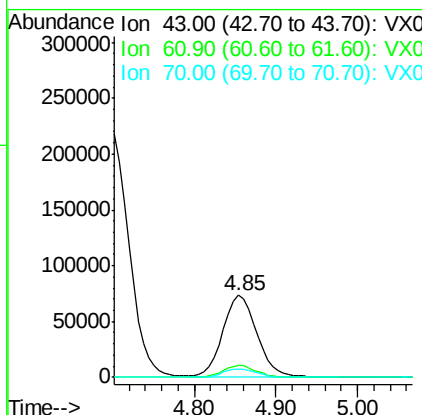
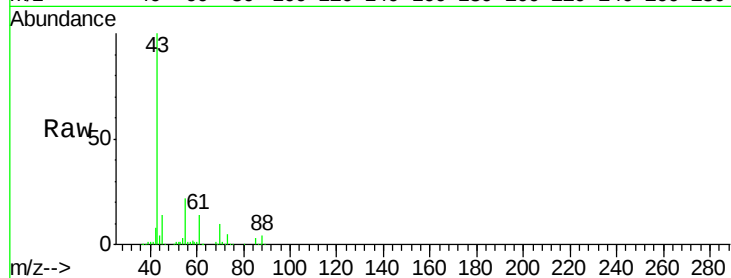
#37
Ethyl Acetate
Concen: 48.730 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX007777.D
Acq: 28 Feb 2019 19:58

Instrument :
MSVOA_X
ClientSampleId :
A0C1-TWPMDS

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	11.3	16.9
70	10.4	8.6	13.0

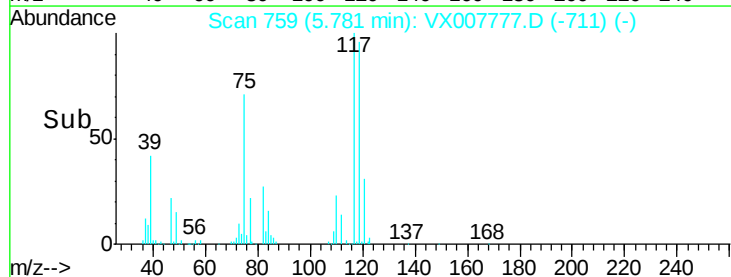
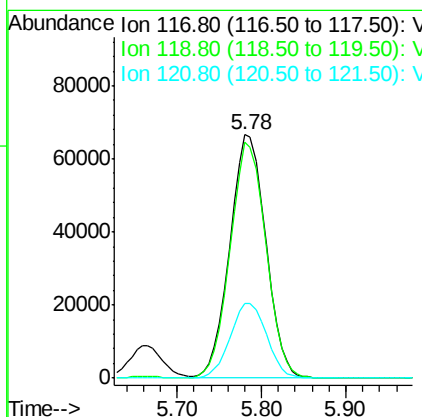
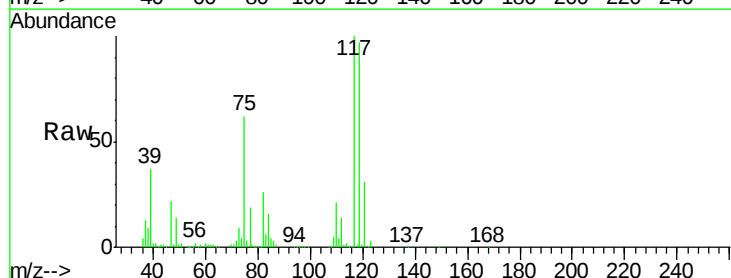
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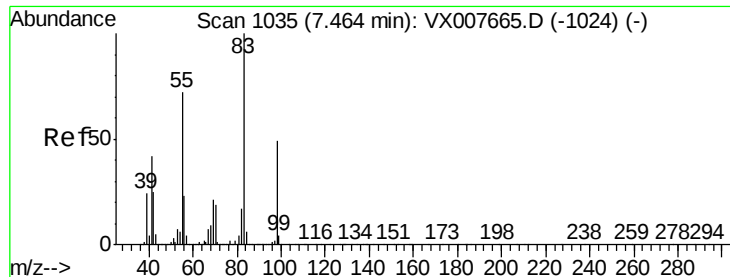
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#38
Carbon Tetrachloride
Concen: 49.105 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX007777.D
Acq: 28 Feb 2019 19:58

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.7	75.3	112.9
121	30.9	25.0	37.4





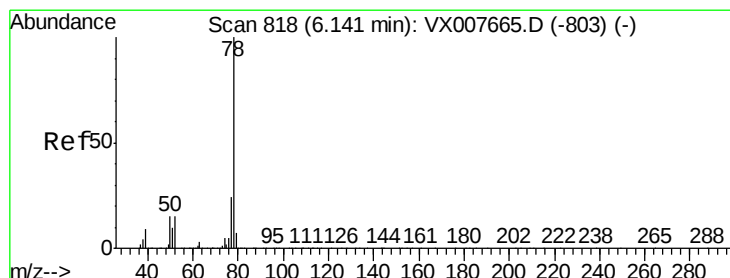
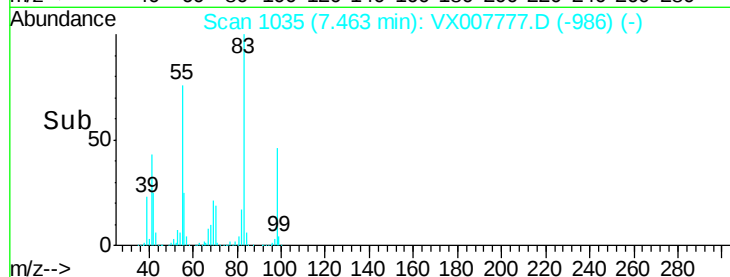
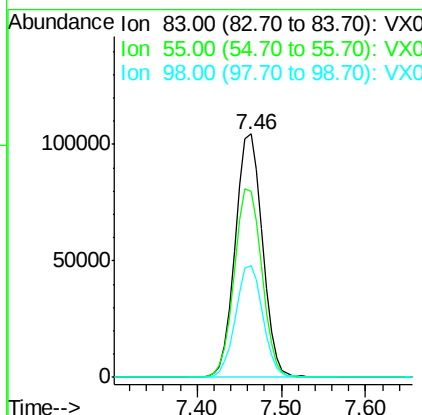
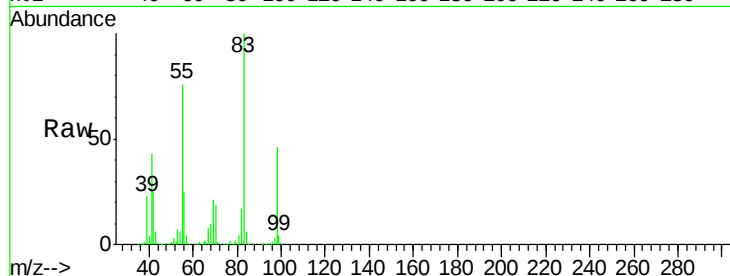
#39
Methylvlcyclohexane
Concen: 45.845 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX007777.D
Acq: 28 Feb 2019 19:58

Instrument :
MSVOA_X
ClientSampled :
A0C1-TWPMSD

Tot Ion	Ratio	Resp	Lower	Upper
83	100	227183		
55	76.5		56.2	84.2
98	46.2		36.8	55.2

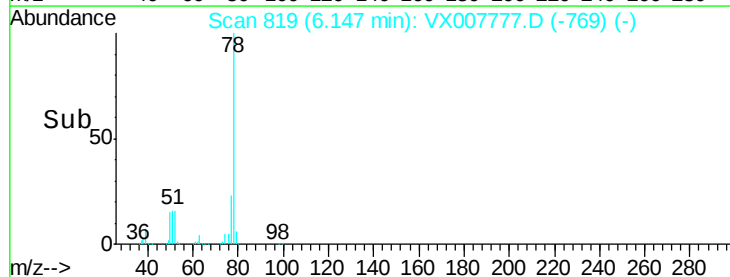
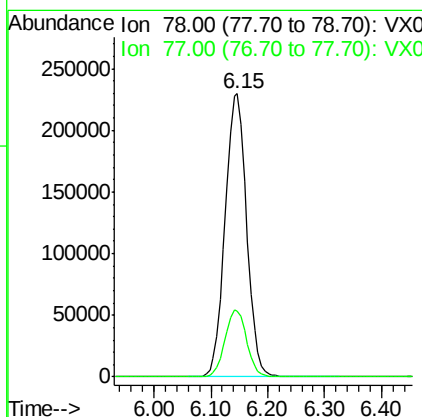
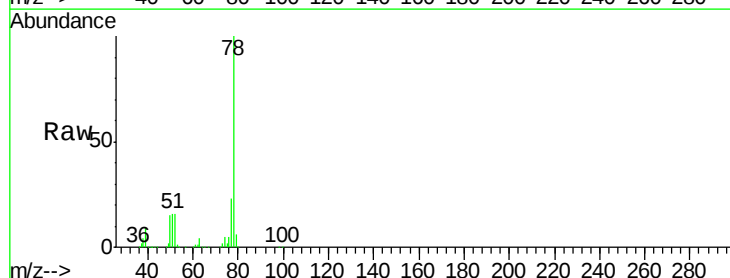
Manual Integrations
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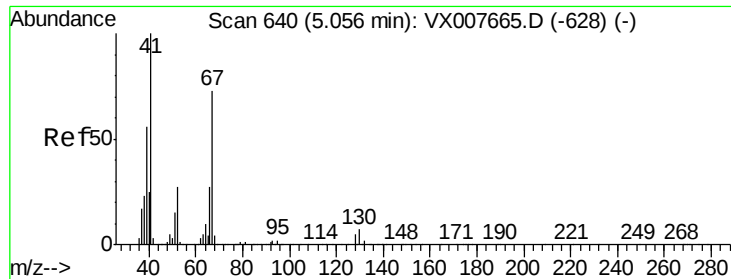
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#40
Benzene
Concen: 49.975 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX007777.D
Acq: 28 Feb 2019 19:58

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	604877		
77	23.5		19.3	28.9





#41

Methacrylonitrile

Concen: 57.926 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.01 min

Lab File: VX007777.D

Acq: 28 Feb 2019 19:58

Instrument :

MSVOA_X

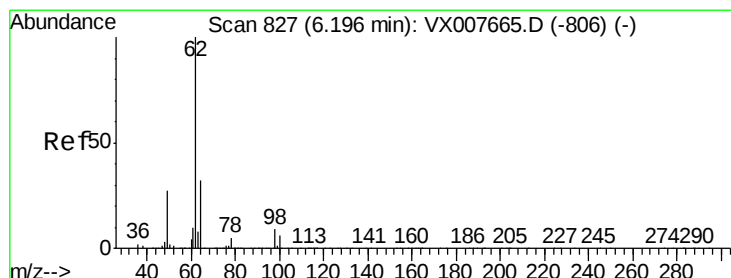
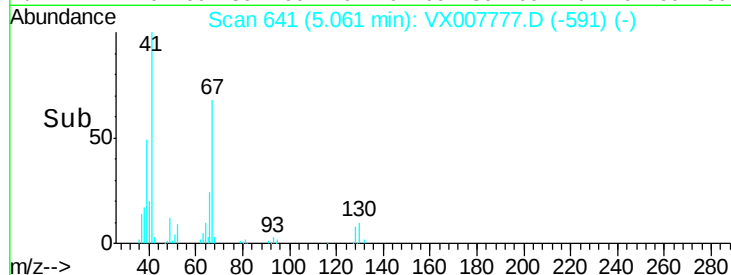
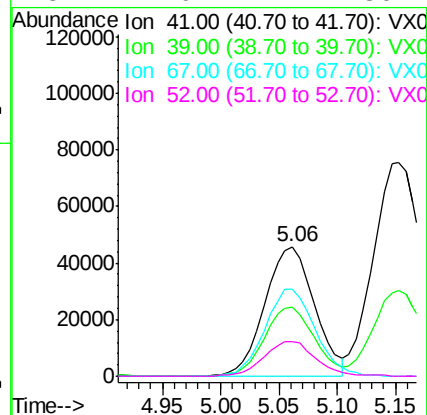
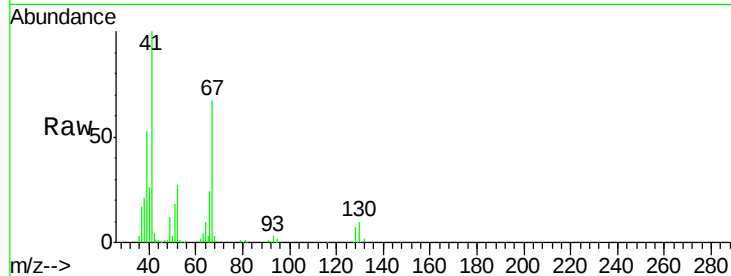
ClientSampled :

A0C1-TWPMSD

Tot Ion	Ratio	Lower	Upper
41	100		
39	53.5	44.5	66.7
67	68.6	60.4	90.6
52	27.9	24.1	36.1

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 51.673 ug/l

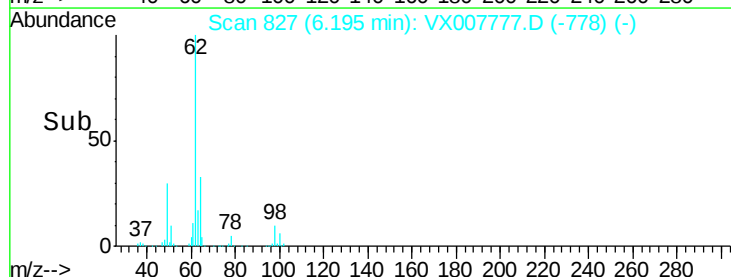
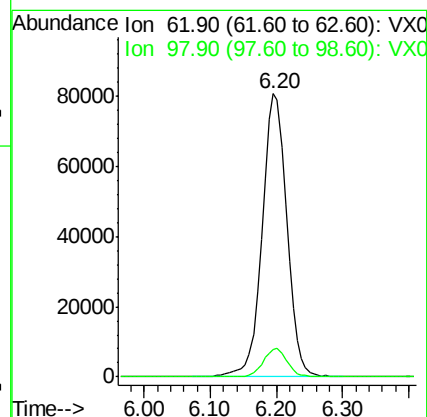
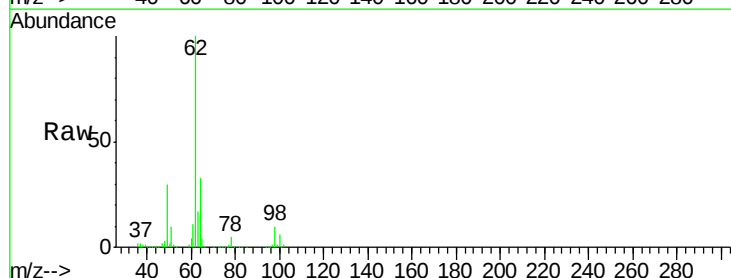
RT: 6.20 min Scan# 827

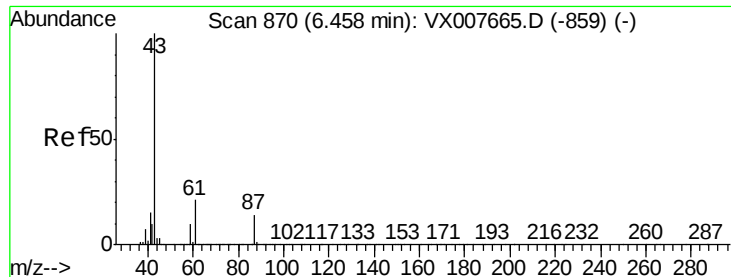
Delta R.T. -0.00 min

Lab File: VX007777.D

Acq: 28 Feb 2019 19:58

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	19.0





#43

Isopropyl Acetate

Concen: 51.485 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX007777.D

Acq: 28 Feb 2019 19:58

Instrument :

MSVOA_X

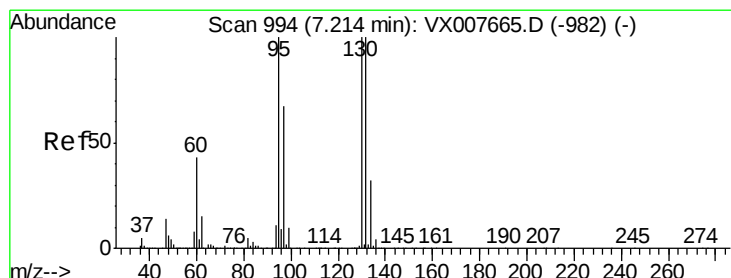
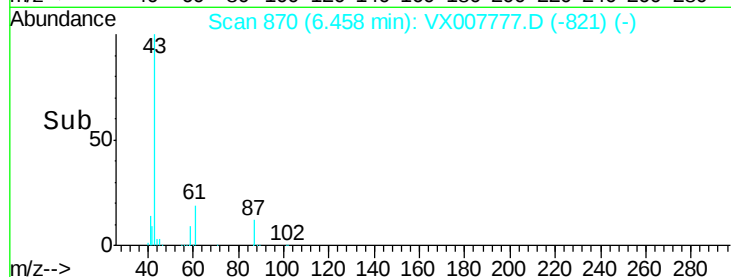
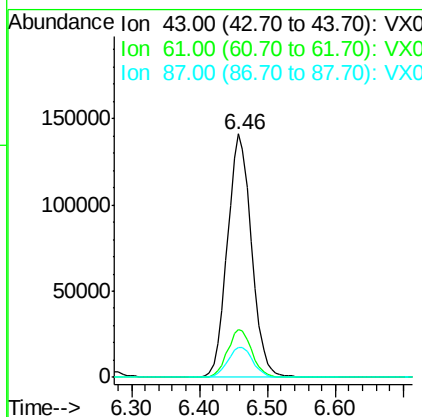
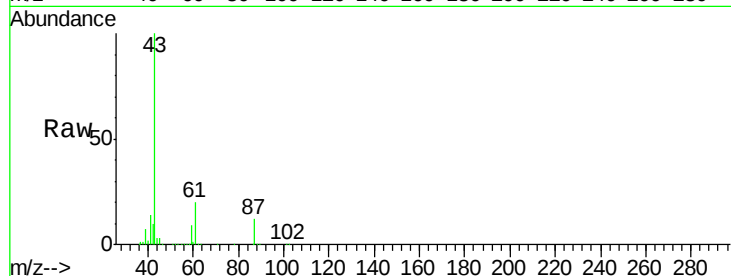
ClientSampleId :

A0C1-TWPMDS

Tot Ion:	43	Resp:	345121
Ion Ratio		Lower	Upper
43	100		
61	19.9	16.1	24.1
87	12.8	11.5	17.3

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#44

Trichloroethene

Concen: 49.282 ug/l

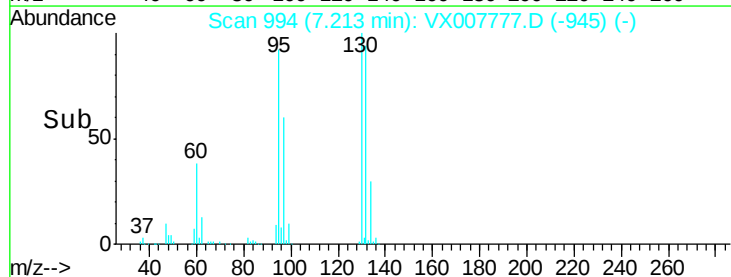
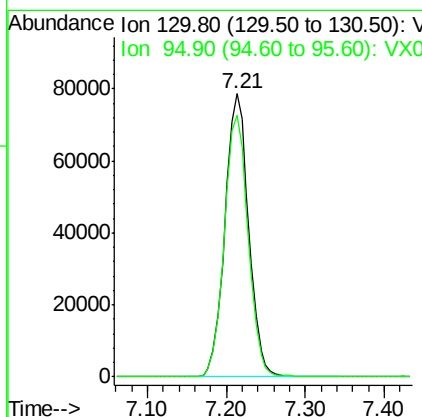
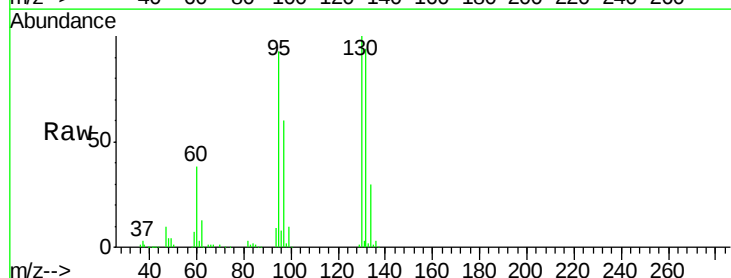
RT: 7.21 min Scan# 994

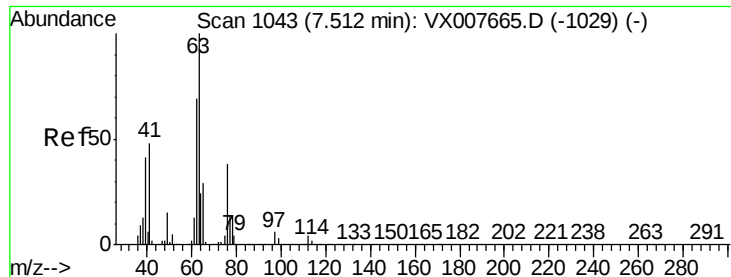
Delta R.T. -0.00 min

Lab File: VX007777.D

Acq: 28 Feb 2019 19:58

Tgt Ion:	130	Resp:	164088
Ion Ratio		Lower	Upper
130	100		
95	92.6	0.0	180.0





#45

1,2-Dichloropropane

Concen: 51.720 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VX007777.D

Acq: 28 Feb 2019 19:58

Instrument :

MSVOA_X

ClientSampleId :

A0C1-TWPMSD

Tot Ion: 63 Resp: 162161

Ion Ratio Lower Upper

63 100

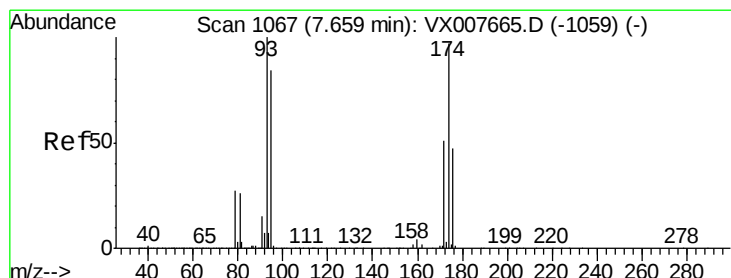
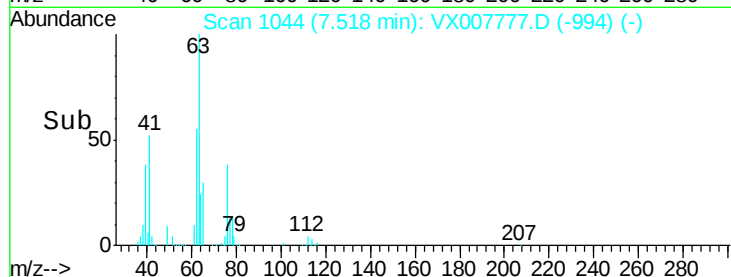
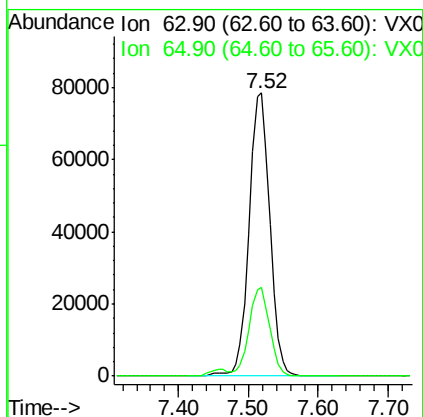
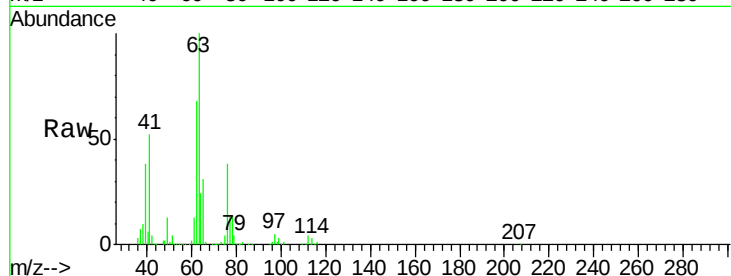
65 31.2 24.2 36.2

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#46

Dibromomethane

Concen: 47.191 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX007777.D

Acq: 28 Feb 2019 19:58

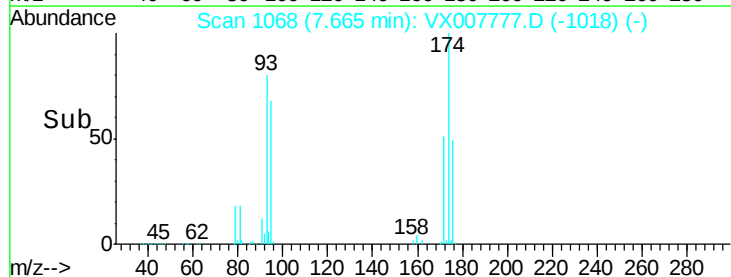
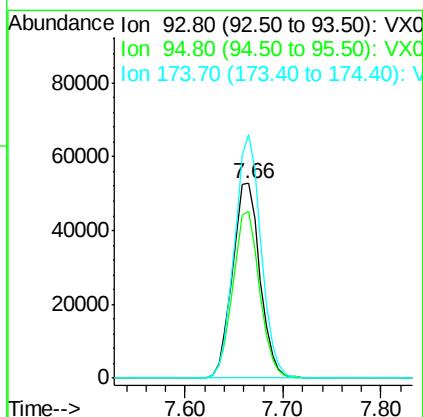
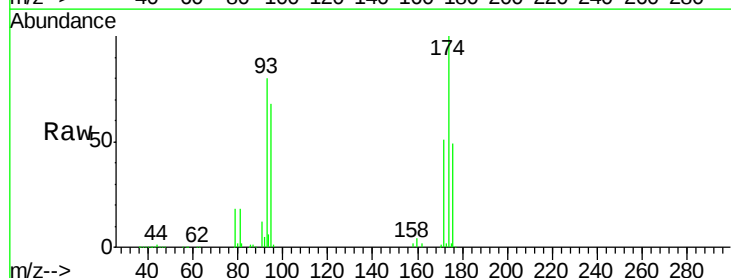
Tgt Ion: 93 Resp: 103222

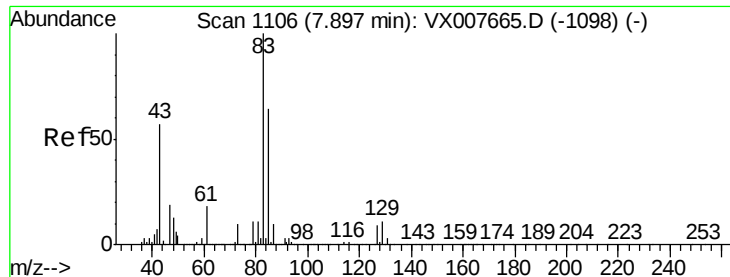
Ion Ratio Lower Upper

93 100

95 83.5 67.6 101.4

174 120.8 94.2 141.4





#47

Bromodichloromethane

Concen: 51.632 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007777.D

Acq: 28 Feb 2019 19:58

Instrument :

MSVOA_X

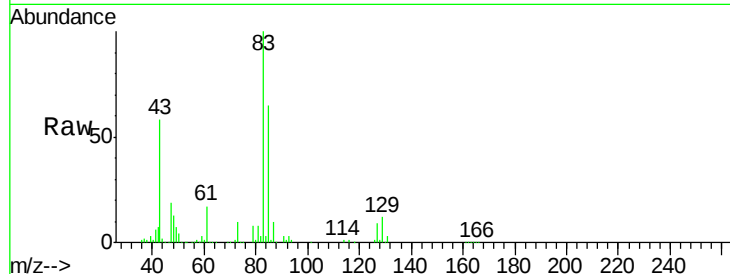
ClientSampled :

A0C1-TWPMSD

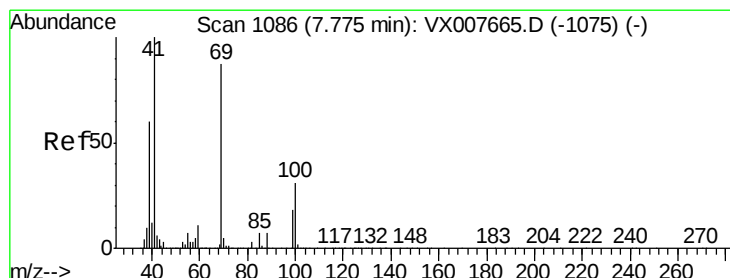
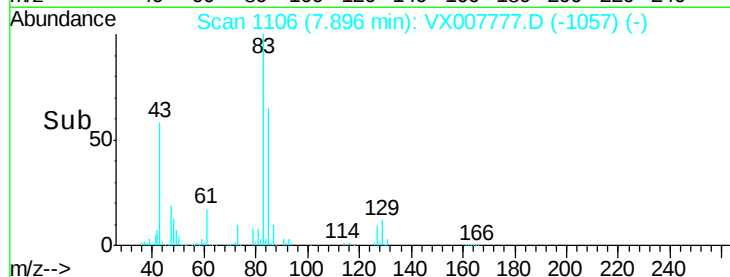
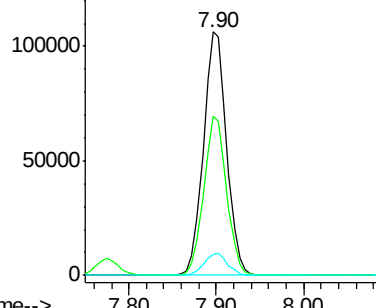
Tot Ion:	83	Resp:	195713
Ion Ratio	Lower	Upper	
83	100		
85	65.3	51.4	77.0
127	8.8	8.1	12.1

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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 56.083 ug/l

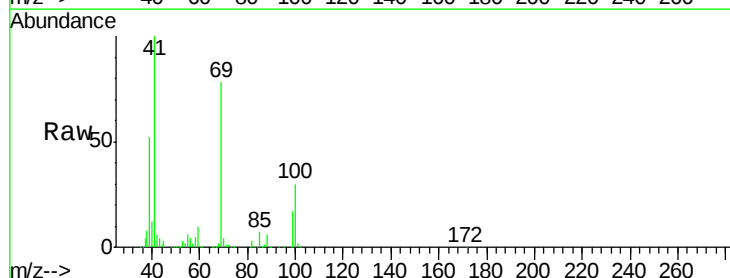
RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

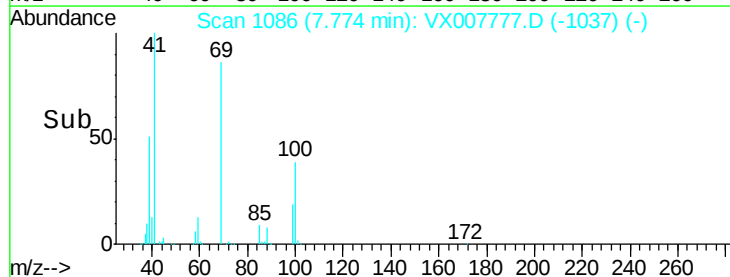
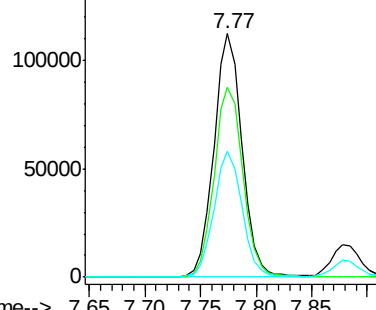
Lab File: VX007777.D

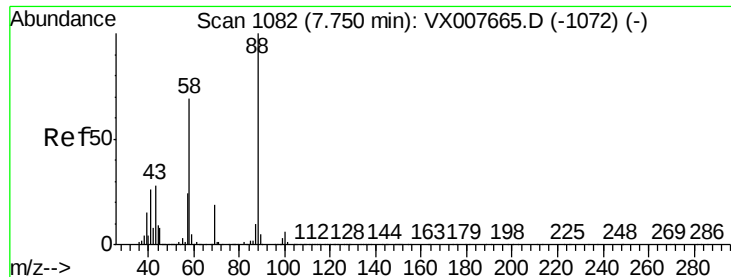
Acq: 28 Feb 2019 19:58

Tgt Ion:	41	Resp:	197066
Ion Ratio	Lower	Upper	
41	100		
69	80.4	70.2	105.4
39	52.0	47.4	71.0



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





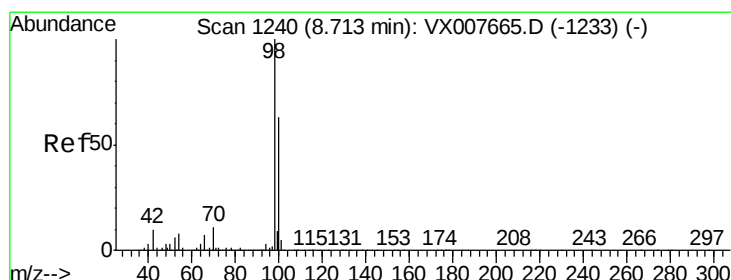
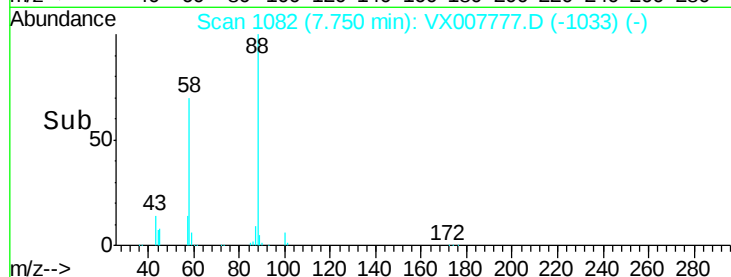
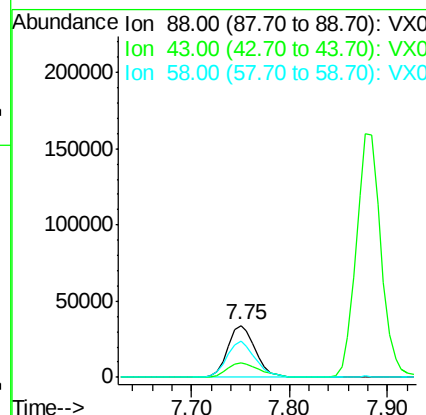
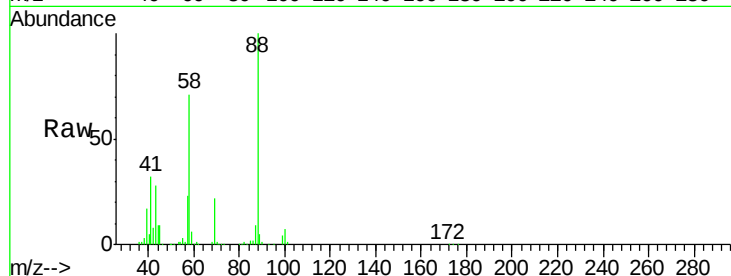
#49
1,4-Dioxane
Concen: 873.225 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.00 min
Lab File: VX007777.D
Acq: 28 Feb 2019 19:58

Instrument :
MSVOA_X
ClientSampleId :
A0C1-TWPMDS

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.1	24.2	36.4
58	71.9	53.0	79.4

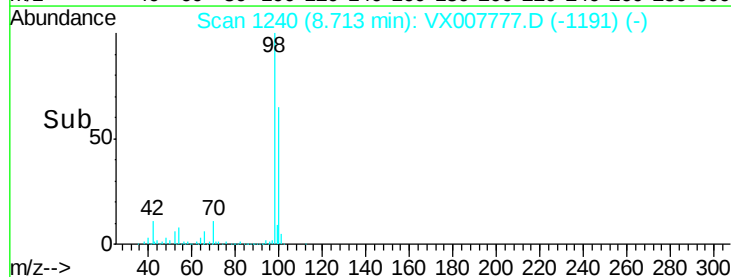
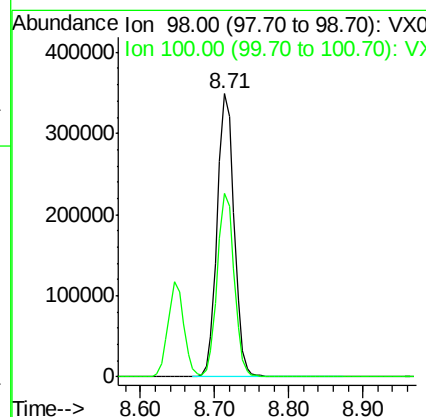
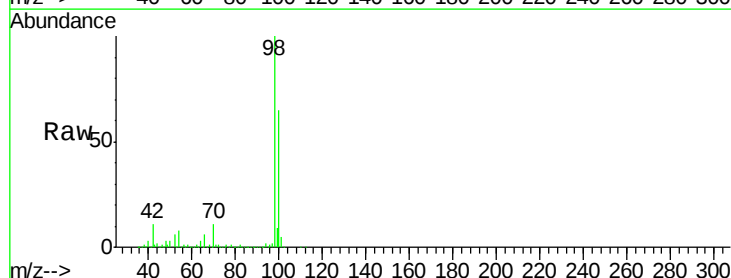
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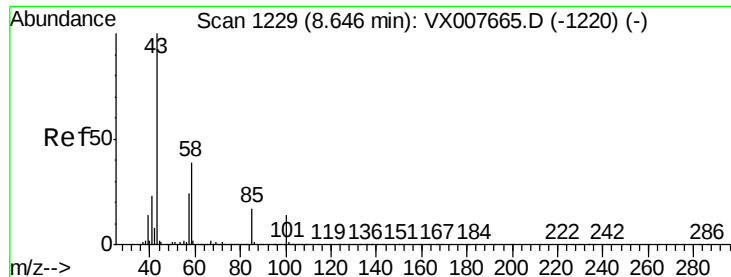
MMDadoda
3/1/2019 10:04:41 AM



#50
Toluene-d8
Concen: 48.840 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007777.D
Acq: 28 Feb 2019 19:58

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.1	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 270.977 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX007777.D

Acq: 28 Feb 2019 19:58

Instrument :

MSVOA_X

ClientSampleId :

A0C1-TWPMSD

Tot Ion: 43 Resp: 1215899

Ion Ratio Lower Upper

43 100

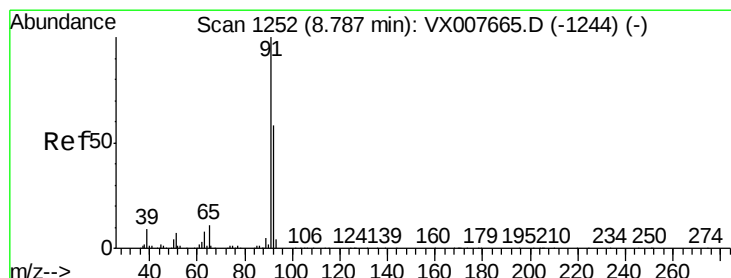
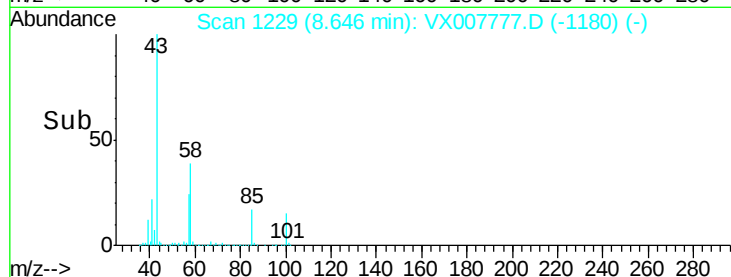
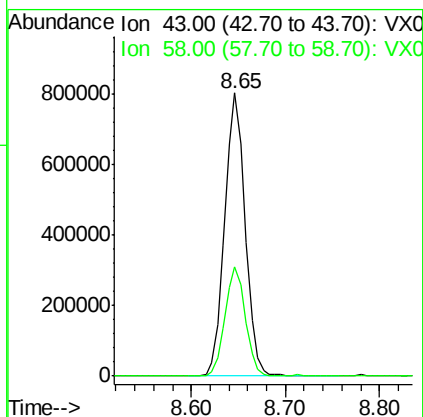
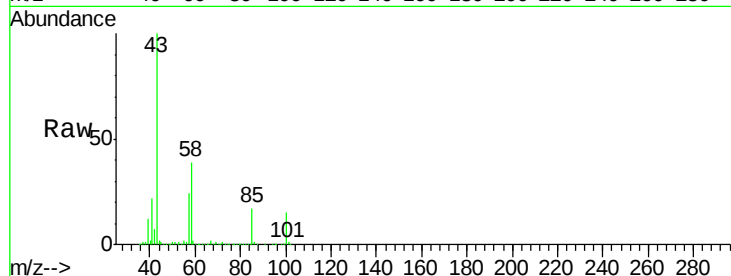
58 38.5 31.2 46.8

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#52

Toluene

Concen: 48.893 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX007777.D

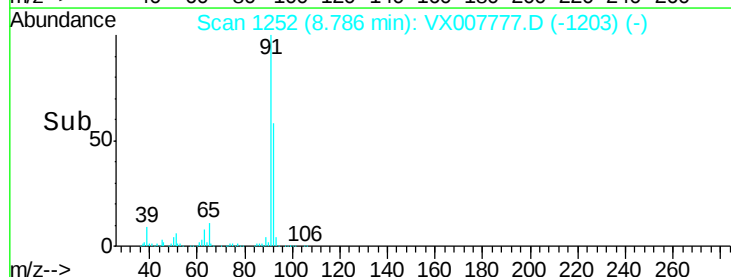
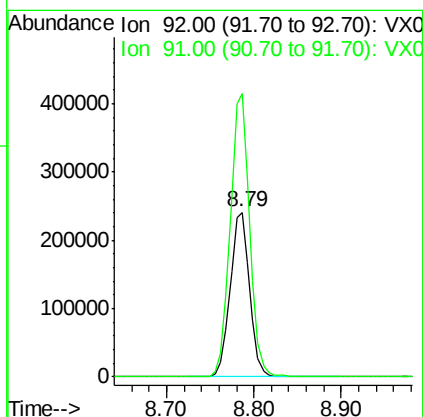
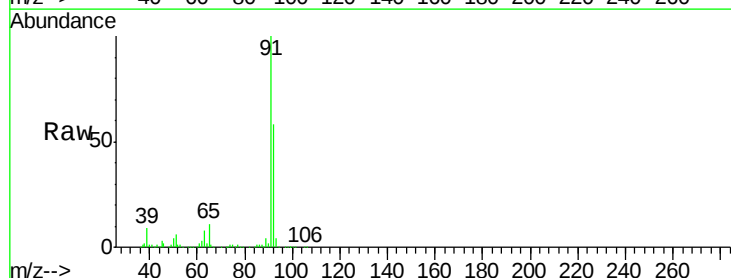
Acq: 28 Feb 2019 19:58

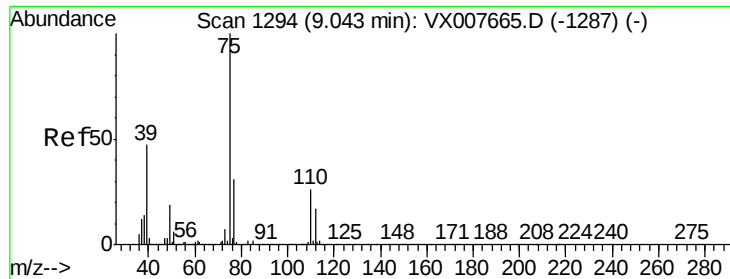
Tgt Ion: 92 Resp: 373173

Ion Ratio Lower Upper

92 100

91 172.6 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 45.675 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007777.D

Acq: 28 Feb 2019 19:58

Instrument :

MSVOA_X

ClientSampleId :

A0C1-TWPMDS

Tot Ion: 75 Resp: 214030

Ion Ratio Lower Upper

75 100

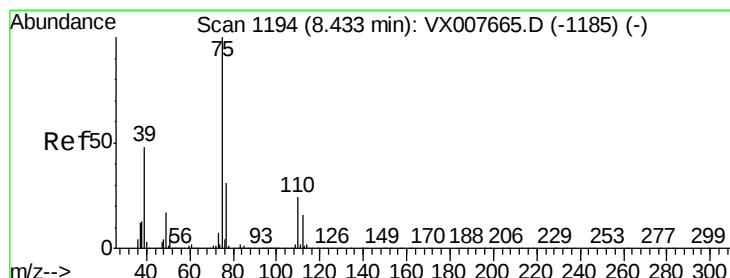
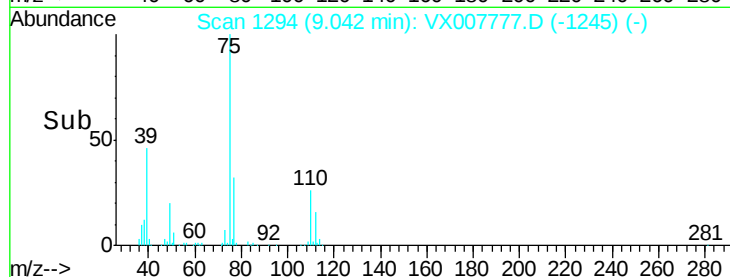
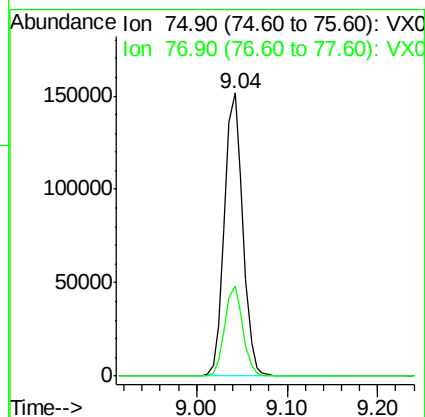
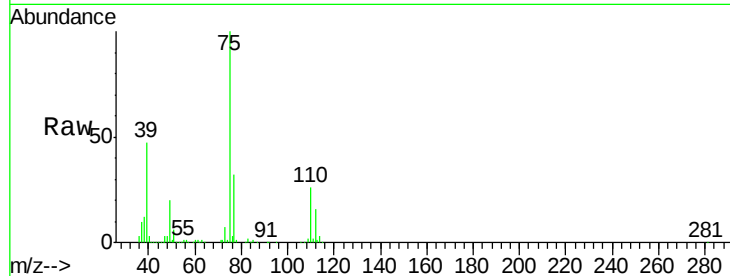
77 31.7 25.2 37.8

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#54

cis-1,3-Dichloropropene

Concen: 50.434 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. 0.01 min

Lab File: VX007777.D

Acq: 28 Feb 2019 19:58

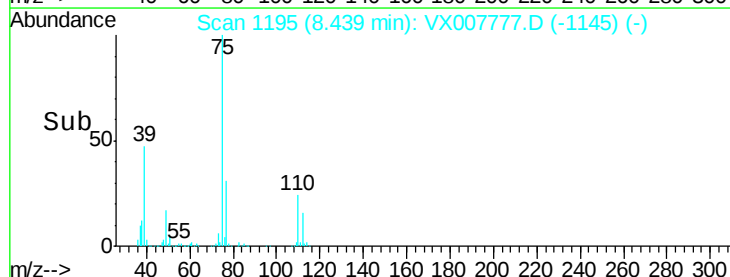
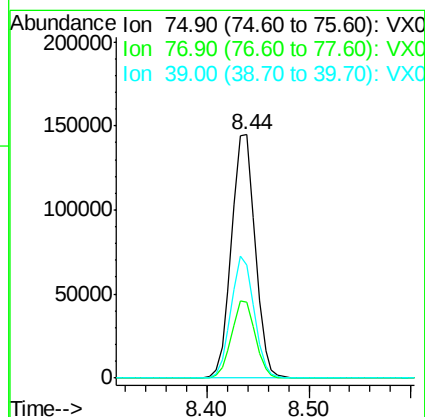
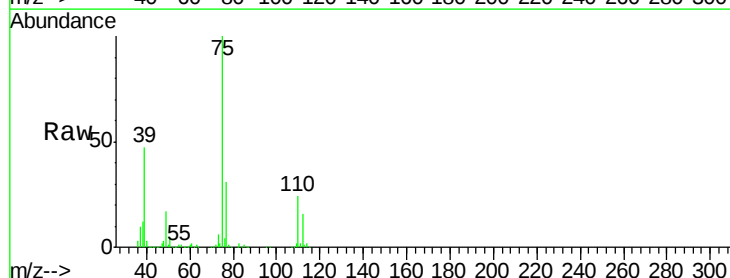
Tgt Ion: 75 Resp: 231995

Ion Ratio Lower Upper

75 100

77 31.4 26.2 39.4

39 46.6 37.1 55.7





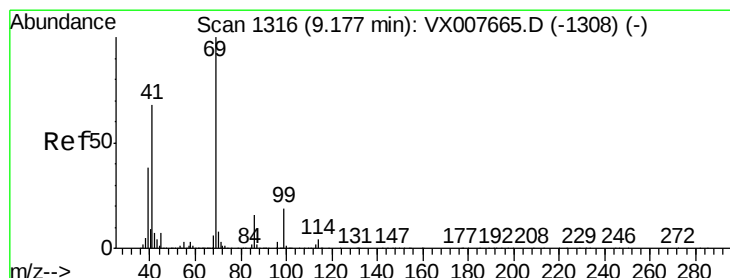
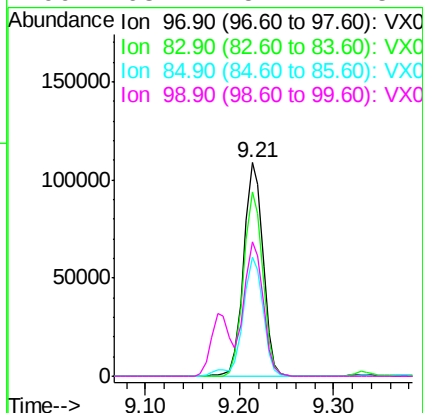
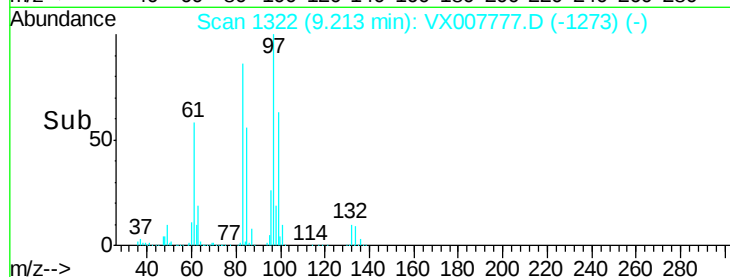
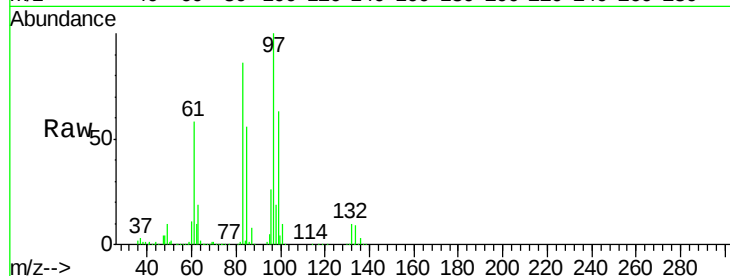
#55
1,1,2-Trichloroethane
Concen: 49.291 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VX007777.D
Acq: 28 Feb 2019 19:58

Instrument :
MSVOA_X
ClientSampleId :
A0C1-TWPMDS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		156881		
83	86.0	68.6	102.8		
85	56.0	44.5	66.7		
99	63.2	52.2	78.4		

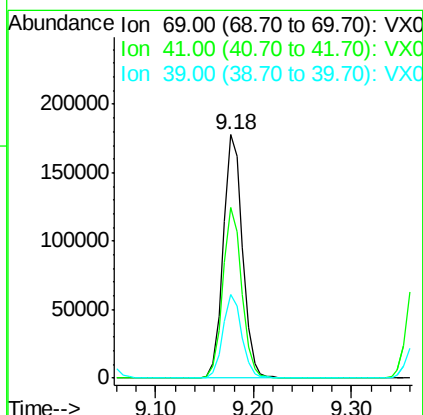
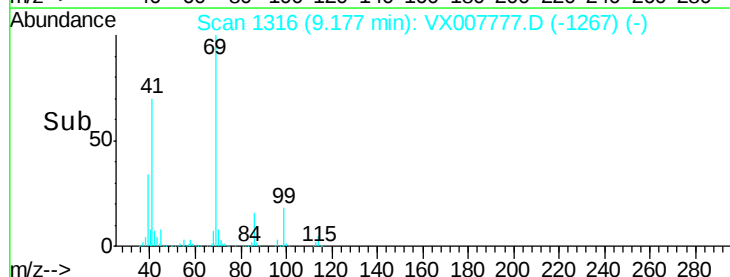
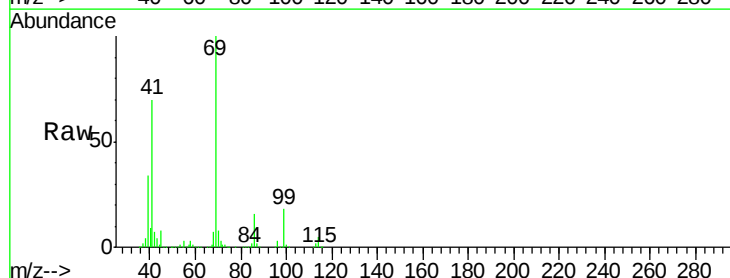
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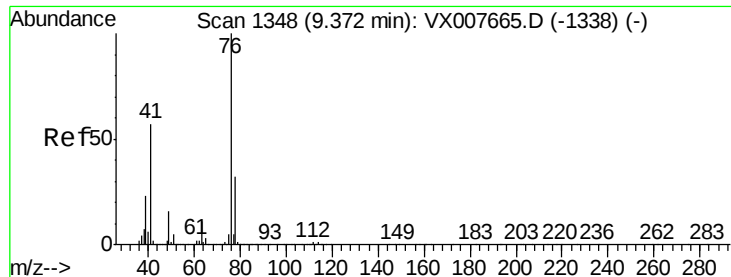
MMDadoda
3/1/2019 10:04:41 AM



#56
Ethyl methacrylate
Concen: 53.622 ug/l
RT: 9.18 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VX007777.D
Acq: 28 Feb 2019 19:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		242698		
41	68.7	52.1	78.1		
39	34.0	30.1	45.1		





#57

1,3-Dichloropropane

Concen: 51.489 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX007777.D

Acq: 28 Feb 2019 19:58

Instrument :

MSVOA_X

ClientSampleId :

A0C1-TWPMSD

Tot Ion: 76 Resp: 262328

Ion Ratio Lower Upper

76 100

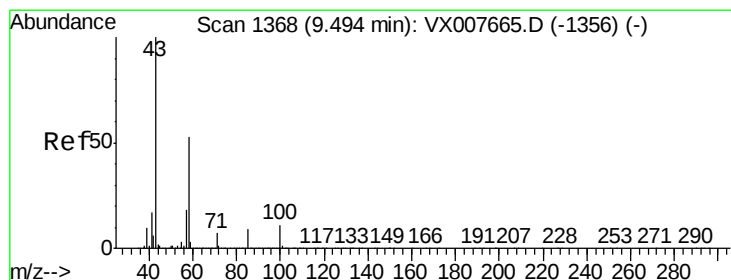
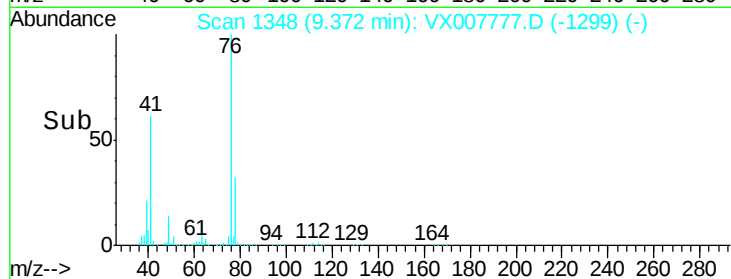
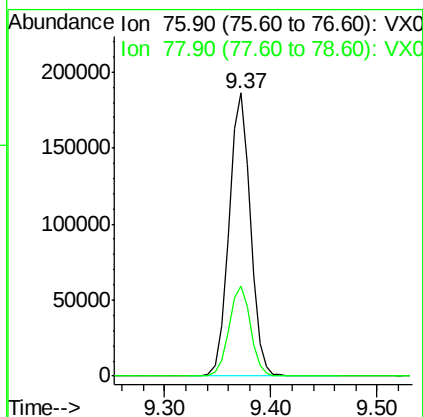
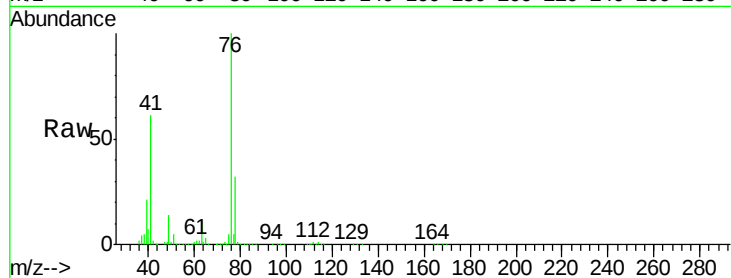
78 32.1 25.8 38.8

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#59

2-Hexanone

Concen: 256.348 ug/l

RT: 9.49 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VX007777.D

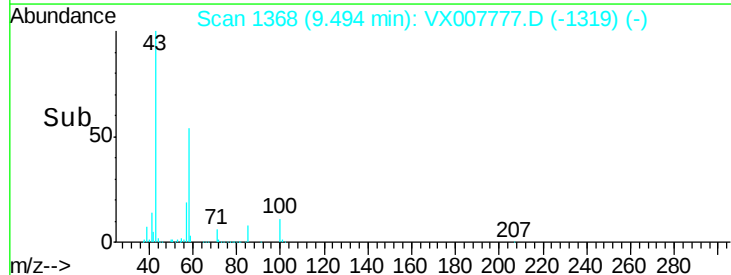
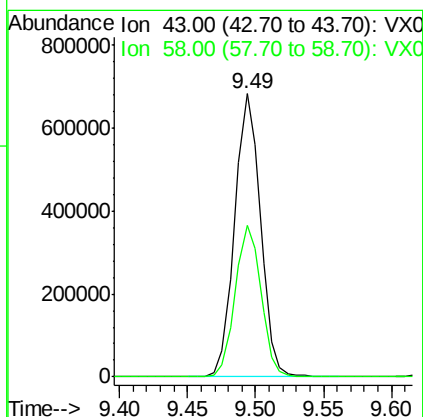
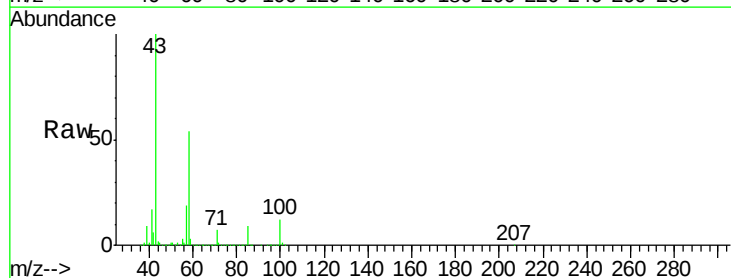
Acq: 28 Feb 2019 19:58

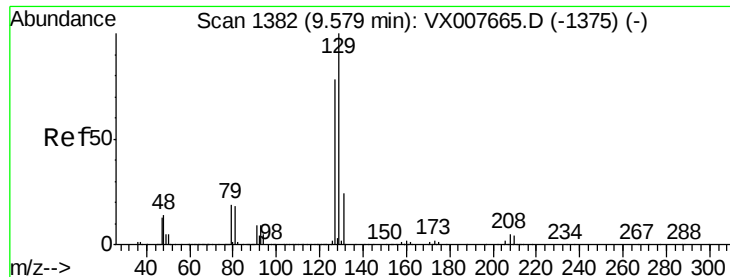
Tgt Ion: 43 Resp: 903058

Ion Ratio Lower Upper

43 100

58 53.9 27.1 81.3





#60

Dibromochloromethane

Concen: 52.883 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VX007777.D

Acq: 28 Feb 2019 19:58

Instrument :

MSVOA_X

ClientSampleId :

A0C1-TWPMSD

Tot Ion:129 Resp: 161958

Ion Ratio Lower Upper

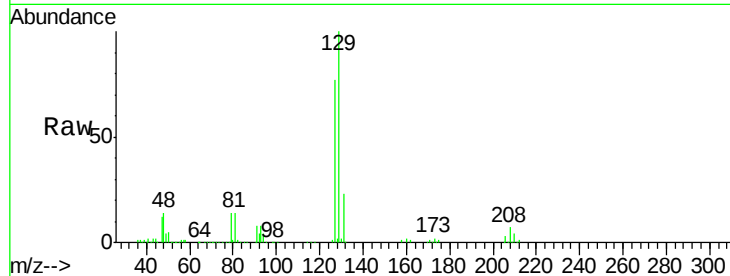
129 100

127 77.3 37.8 113.4

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3/1/2019 10:04:41 AM



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.58

120000

100000

80000

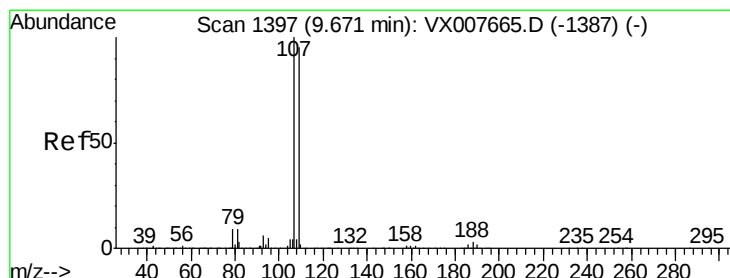
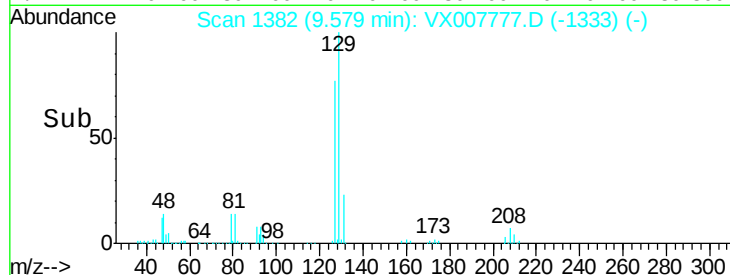
60000

40000

20000

0

Time-->



#61

1,2-Dibromoethane

Concen: 50.177 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007777.D

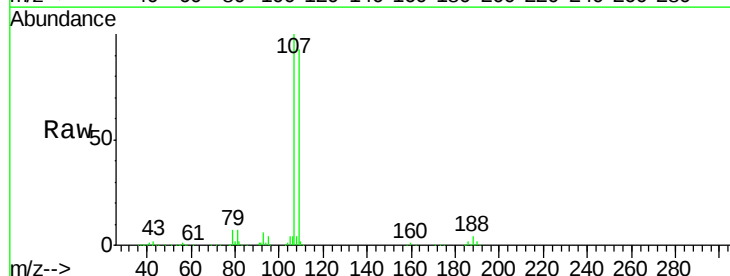
Acq: 28 Feb 2019 19:58

Tgt Ion:107 Resp: 165809

Ion Ratio Lower Upper

107 100

109 94.3 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

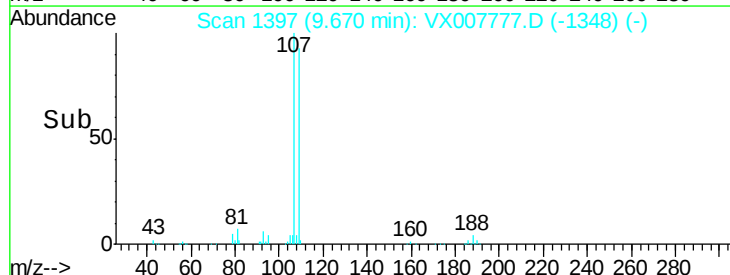
9.67

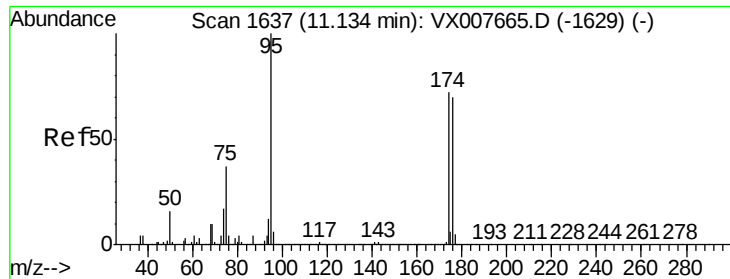
100000

50000

0

Time-->





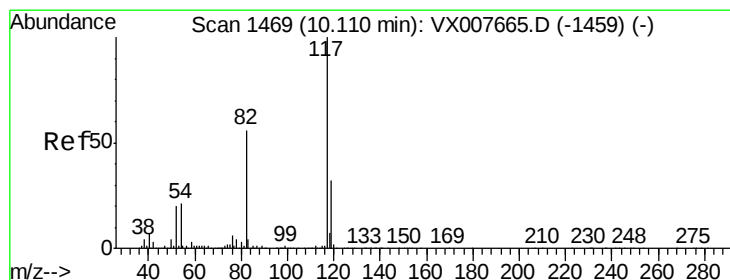
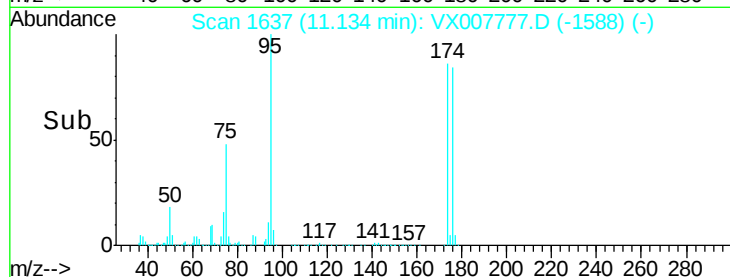
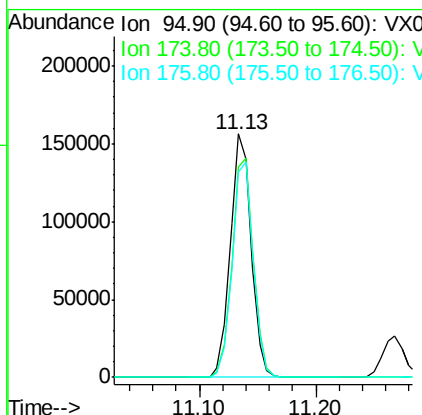
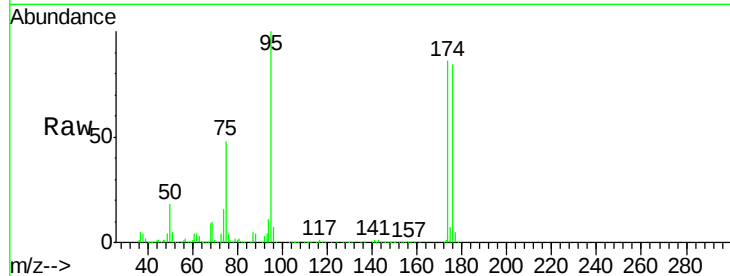
#62
4-Bromofluorobenzene
Concen: 47.631 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX007777.D
Acq: 28 Feb 2019 19:58

Instrument :
MSVOA_X
ClientSampleId :
A0C1-TWPMDS

Tot Ion	Ratio	Resp	Lower	Upper
95	100	195123		
174	92.1	0.0	189.2	
176	89.1	0.0	186.2	

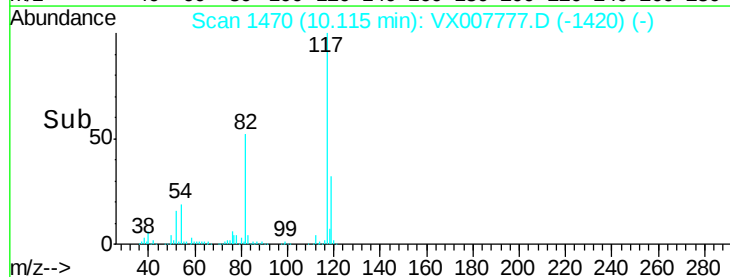
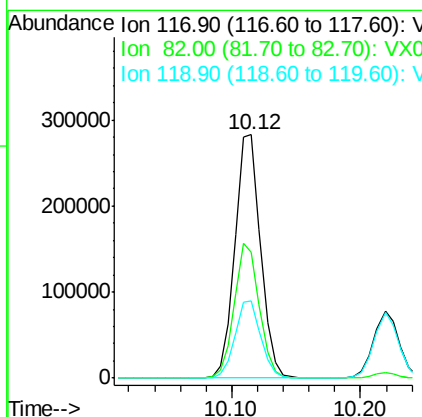
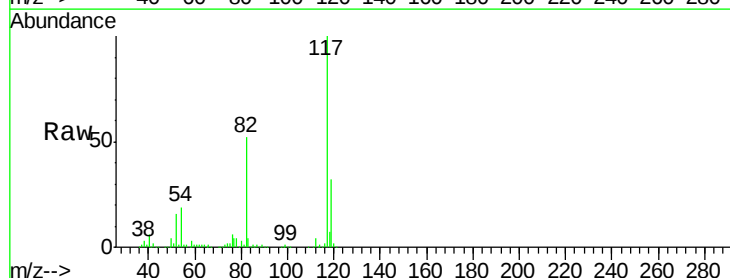
Manual Integrations
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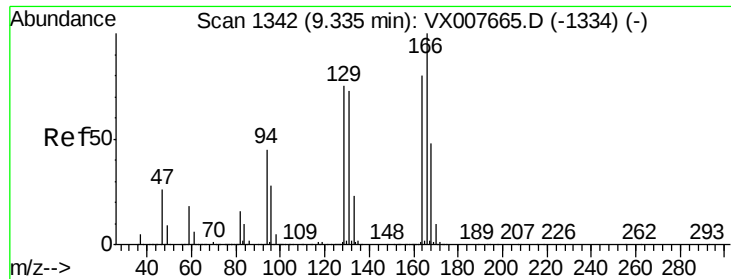
MMDadoda
3/1/2019 10:04:41 AM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX007777.D
Acq: 28 Feb 2019 19:58

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	392340		
82	51.6	42.1	63.1	
119	31.9	26.5	39.7	





#64

Tetrachloroethene

Concen: 50.738 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX007777.D

Acq: 28 Feb 2019 19:58

Instrument :

MSVOA_X

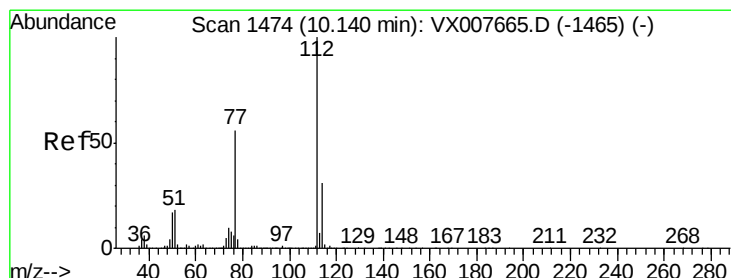
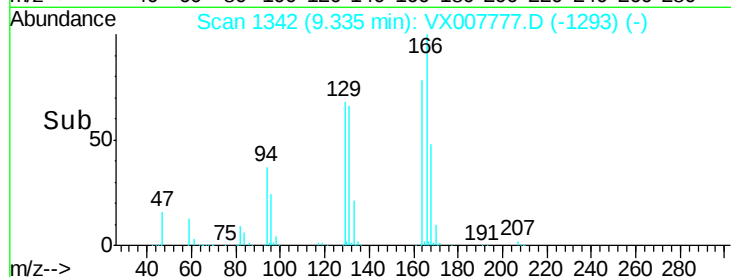
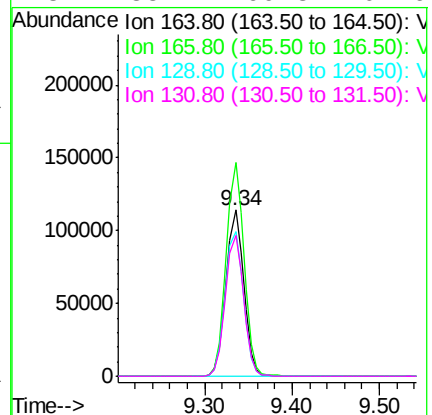
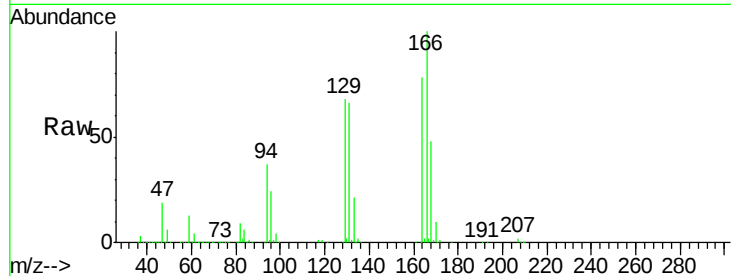
ClientSampleId :

A0C1-TWPMDS

Tot Ion	Ratio	Lower	Upper
164	100		
166	128.8	101.0	151.4
129	87.0	70.5	105.7
131	85.2	69.8	104.6

Manual Integrations
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#65

Chlorobenzene

Concen: 48.379 ug/l

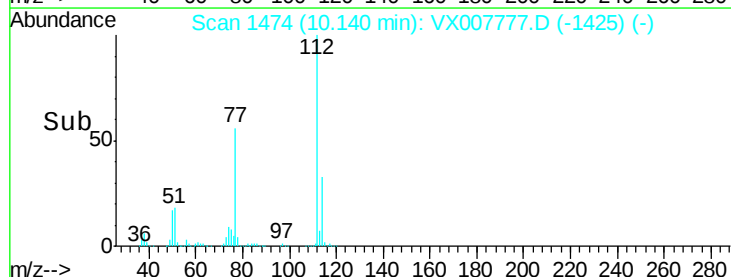
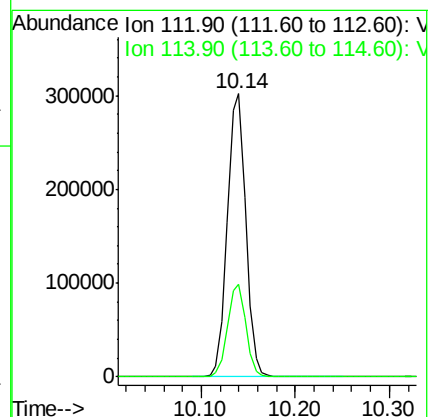
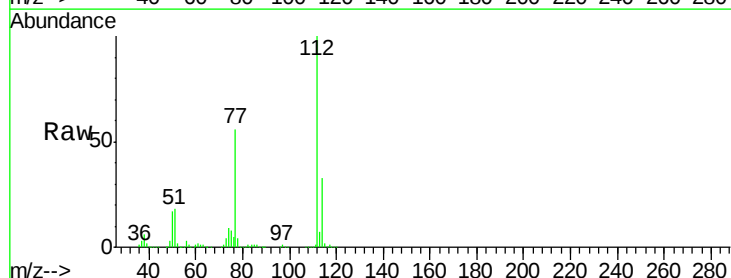
RT: 10.14 min Scan# 1474

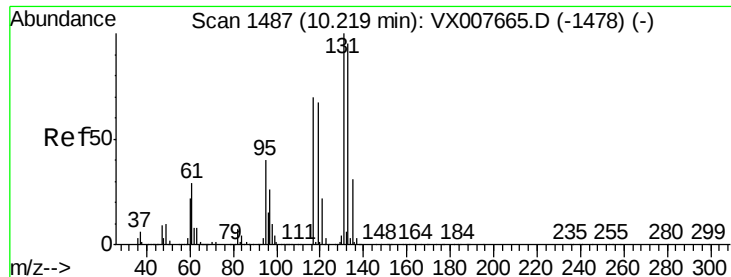
Delta R.T. -0.00 min

Lab File: VX007777.D

Acq: 28 Feb 2019 19:58

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.6	25.8	38.6





#66

1,1,1,2-Tetrachloroethane

Concen: 52.172 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX007777.D

Acq: 28 Feb 2019 19:58

Instrument :

MSVOA_X

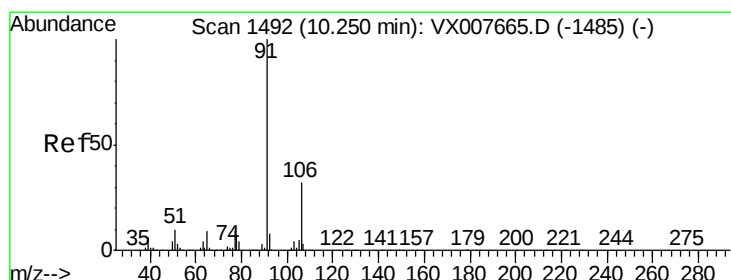
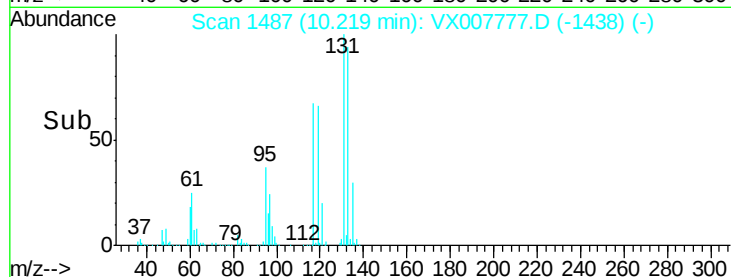
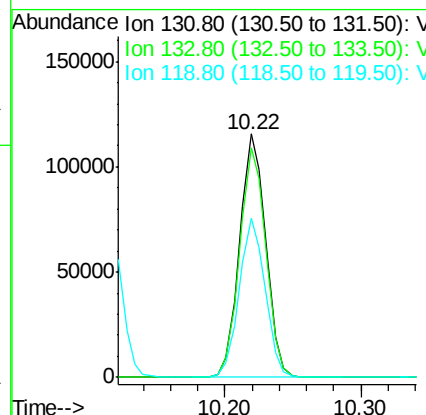
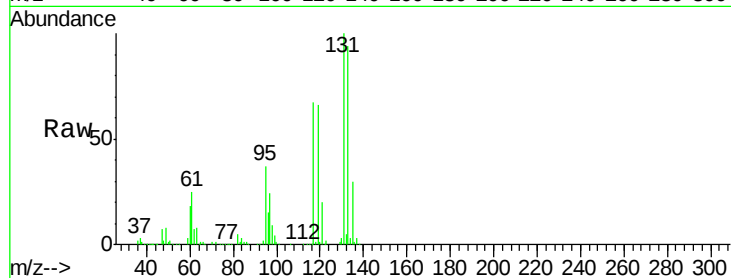
ClientSampleId :

A0C1-TWPMDS

Tot Ion:	131	Resp:	154425
Ion Ratio	Lower	Upper	
131	100		
133	94.6	48.0	144.2
119	64.9	32.0	96.0

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#67

Ethyl Benzene

Concen: 49.615 ug/l

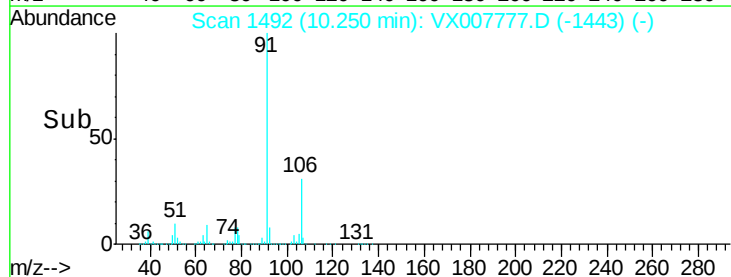
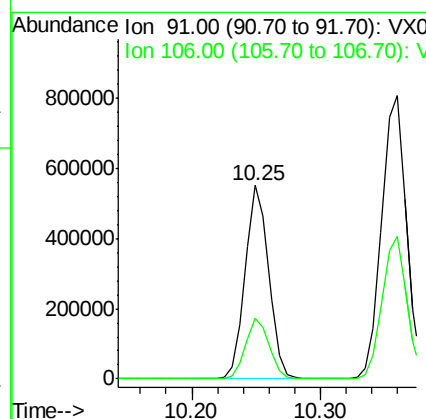
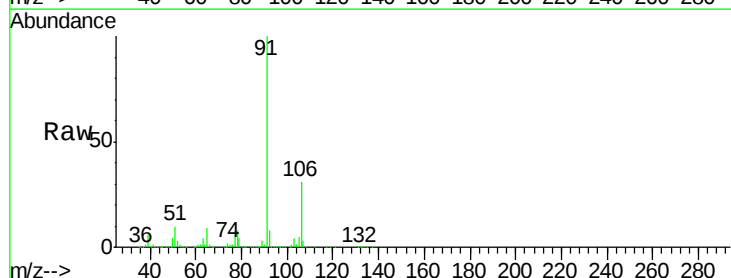
RT: 10.25 min Scan# 1492

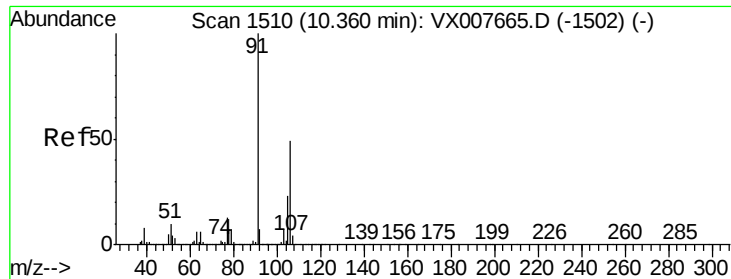
Delta R.T. -0.00 min

Lab File: VX007777.D

Acq: 28 Feb 2019 19:58

Tgt Ion:	91	Resp:	697419
Ion Ratio	Lower	Upper	
91	100		
106	31.3	25.4	38.0





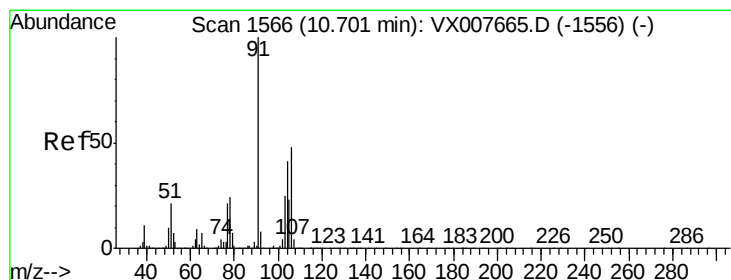
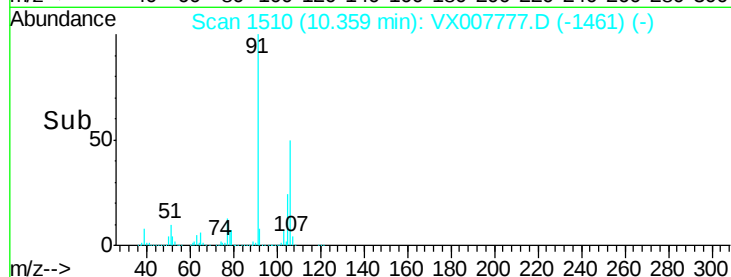
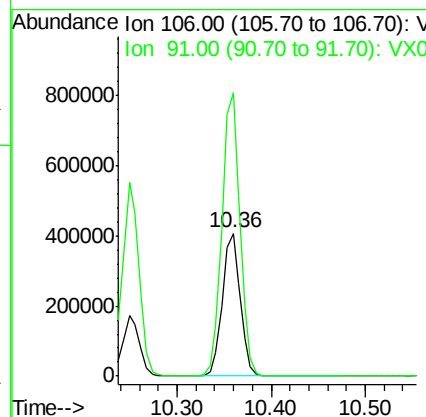
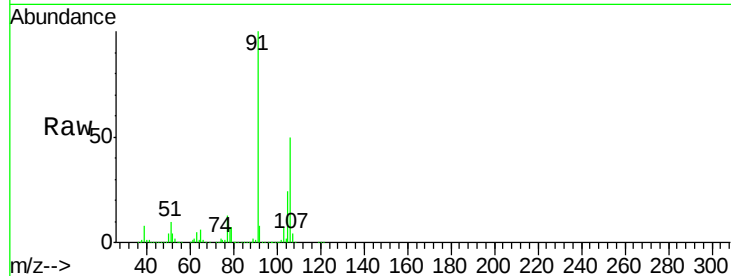
#68
m/p-Xvlenes
Concen: 97.667 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX007777.D
Acq: 28 Feb 2019 19:58

Instrument :
MSVOA_X
ClientSampleId :
A0C1-TWPMSD

Tot Ion	Ratio	Resp	Lower	Upper
106	100			
91	200.5	156.6	234.8	

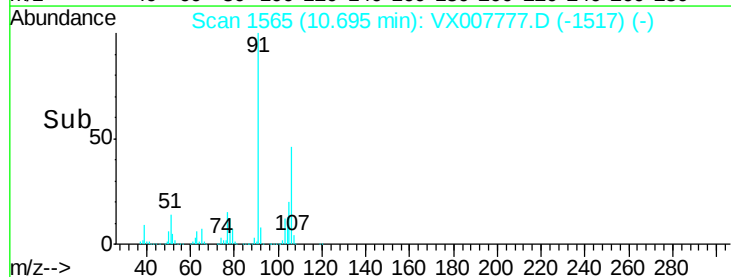
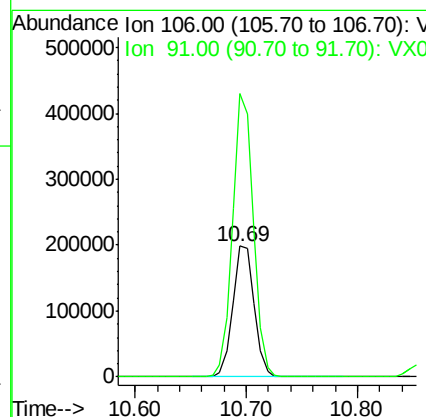
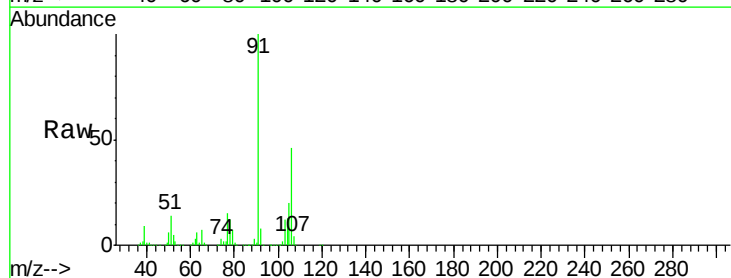
Manual Integrations
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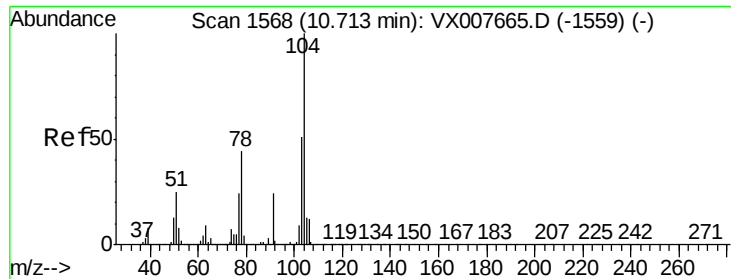
MMDadoda
3/1/2019 10:04:41 AM



#69
o-Xylene
Concen: 49.830 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX007777.D
Acq: 28 Feb 2019 19:58

Tgt Ion	Ratio	Resp	Lower	Upper
106	100			
91	211.2	102.9	308.7	





#70

Stvrene

Concen: 49.251 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX007777.D

Acq: 28 Feb 2019 19:58

Instrument :

MSVOA_X

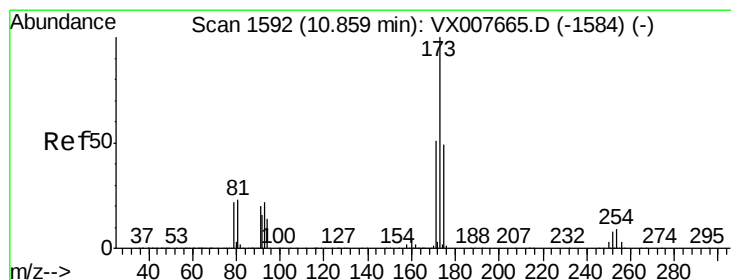
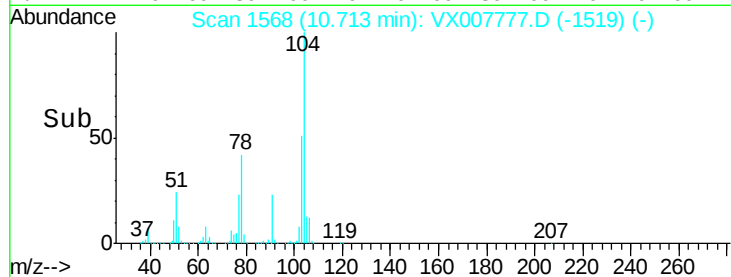
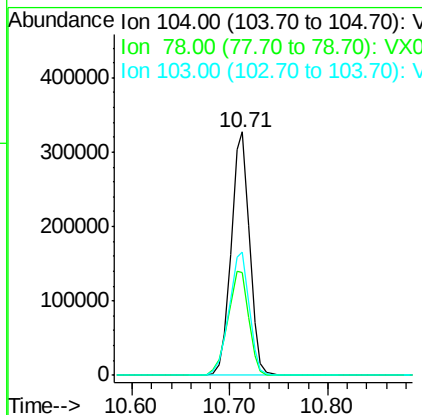
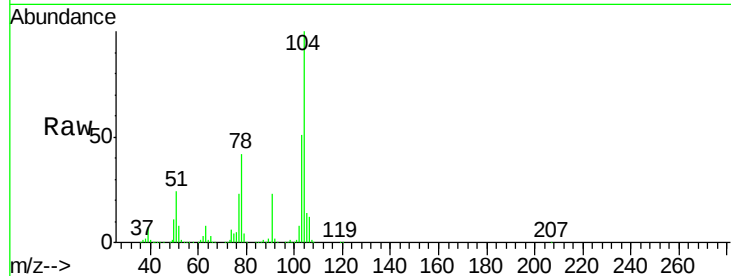
ClientSampleId :

A0C1-TWPMSD

Tot Ion:	104	Resp:	425823
Ion Ratio	Lower	Upper	
104	100		
78	48.7	38.3	57.5
103	55.7	44.6	67.0

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#71

Bromoform

Concen: 56.921 ug/l

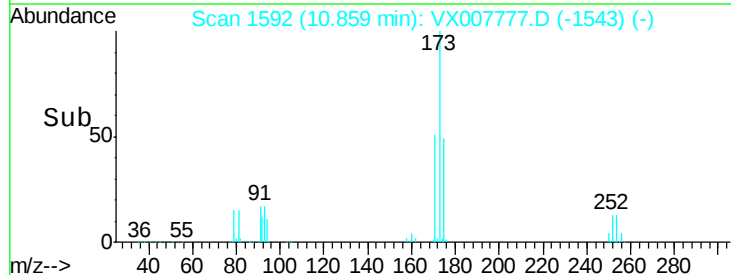
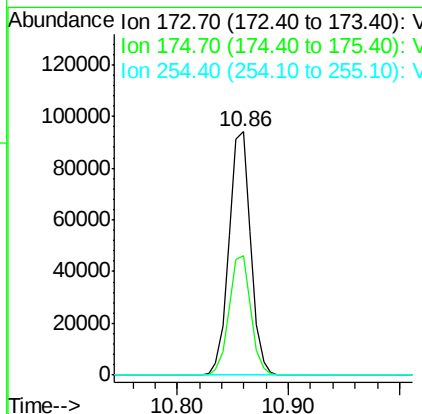
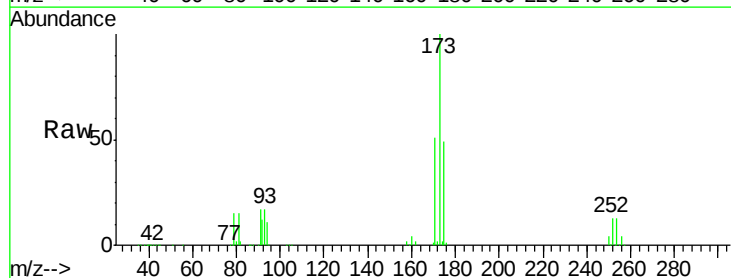
RT: 10.86 min Scan# 1592

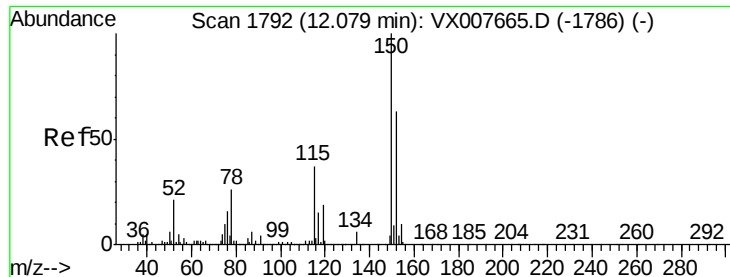
Delta R.T. -0.00 min

Lab File: VX007777.D

Acq: 28 Feb 2019 19:58

Tgt Ion:	173	Resp:	126342
Ion Ratio	Lower	Upper	
173	100		
175	49.1	24.2	72.6
254	0.2	0.2	0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX007777.D

Acq: 28 Feb 2019 19:58

Instrument :

MSVOA_X

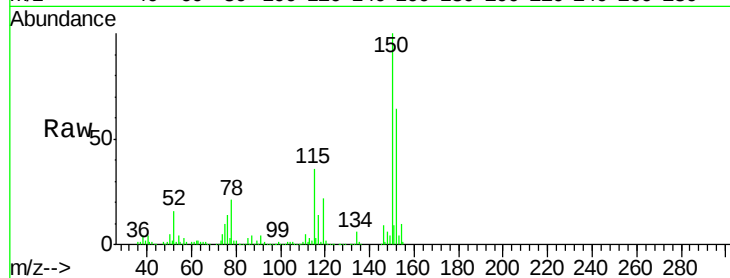
ClientSampleId :

A0C1-TWPMDS

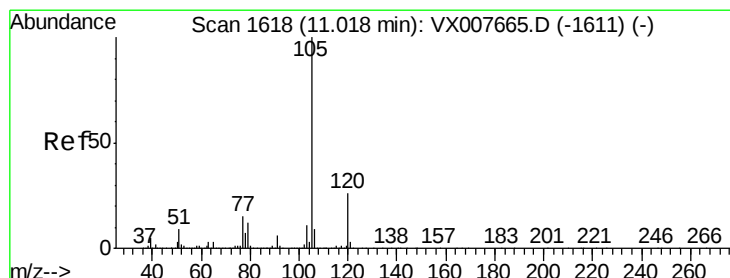
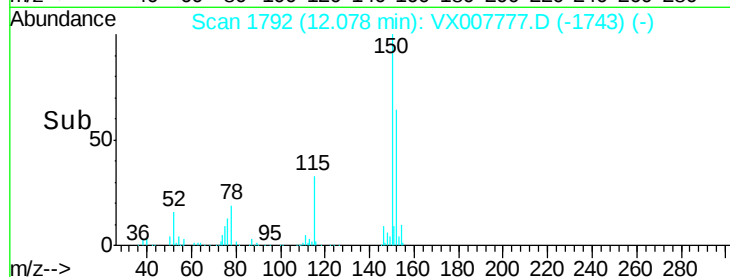
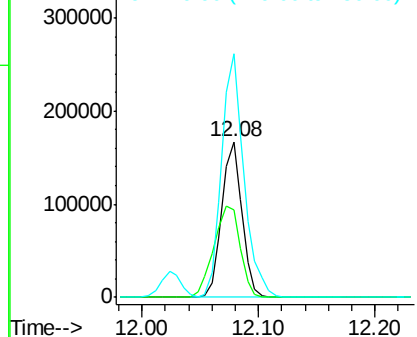
Tot Ion:	152	Resp:	199086
Ion Ratio	Lower	Upper	
152	100		
115	77.0	38.0	114.0
150	172.7	0.0	346.4

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



#73

Isopropylbenzene

Concen: 48.609 ug/l

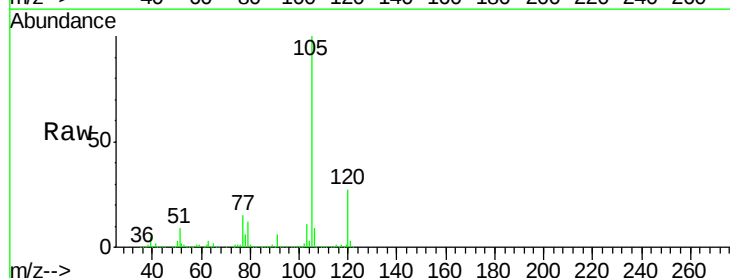
RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

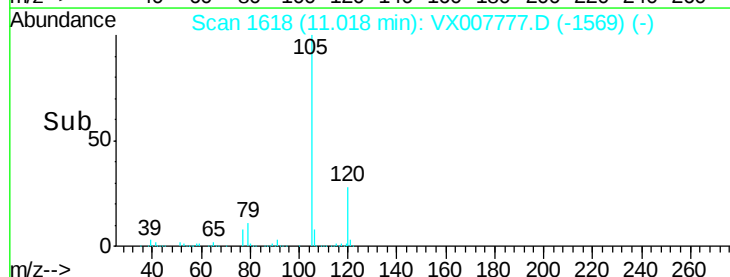
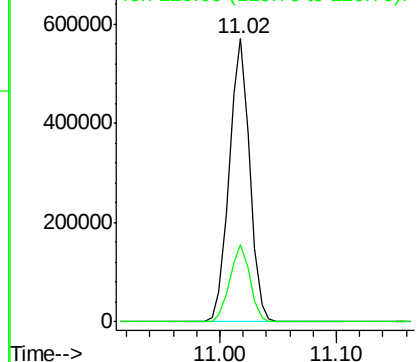
Lab File: VX007777.D

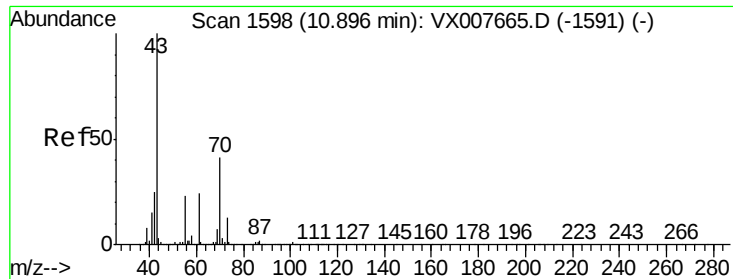
Acq: 28 Feb 2019 19:58

Tgt Ion:	105	Resp:	691654
Ion Ratio	Lower	Upper	
105	100		
120	27.1	13.6	40.7



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 45.578 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007777.D

Acq: 28 Feb 2019 19:58

Instrument :

MSVOA_X

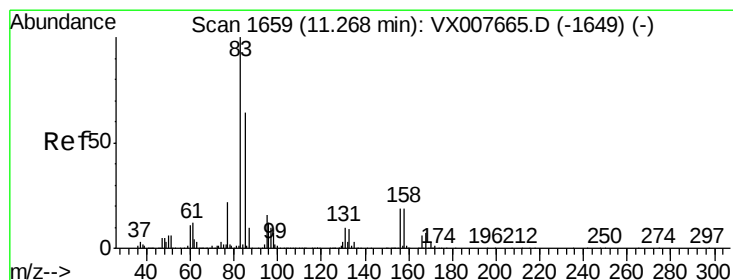
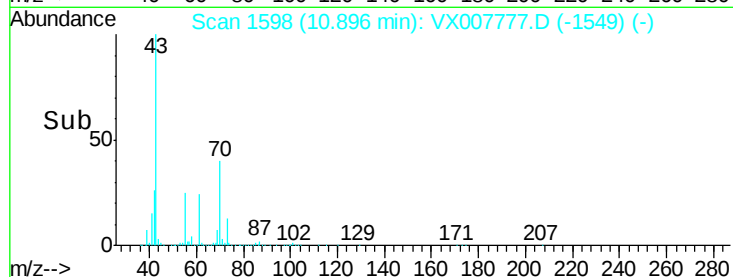
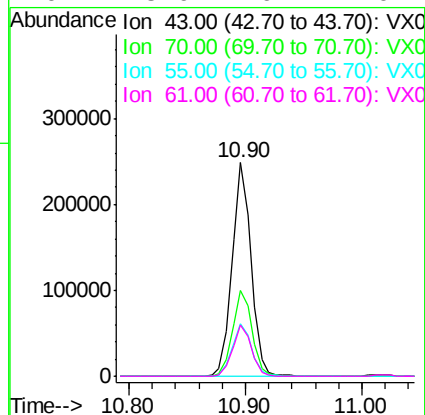
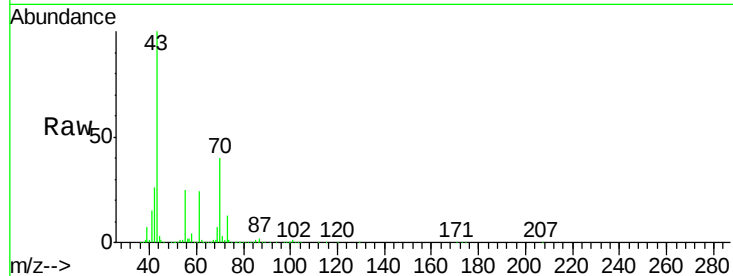
ClientSampleId :

A0C1-TWPMDS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
43	100		281627		
70	41.4	33.8	50.6		
55	25.2	19.5	29.3		
61	23.9	19.4	29.2		

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#75

1,1,2,2-Tetrachloroethane

Concen: 46.625 ug/l

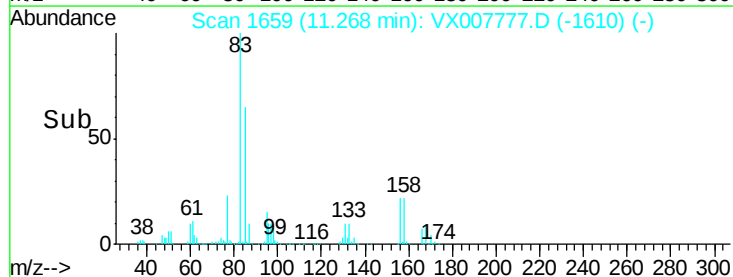
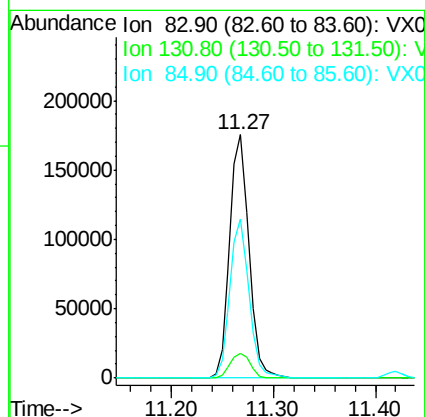
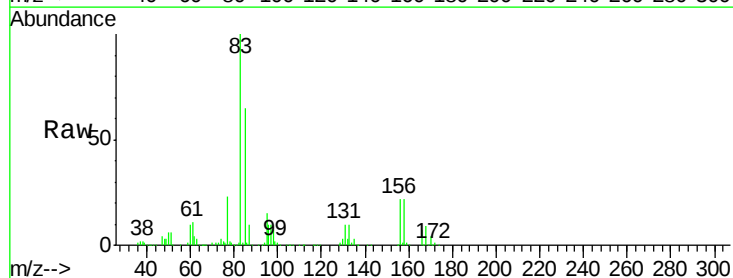
RT: 11.27 min Scan# 1659

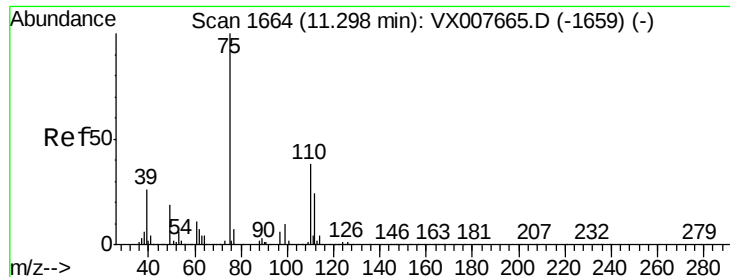
Delta R.T. -0.00 min

Lab File: VX007777.D

Acq: 28 Feb 2019 19:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	100		229459		
131	10.6	5.7	17.0		
85	64.7	32.8	98.3		





#76

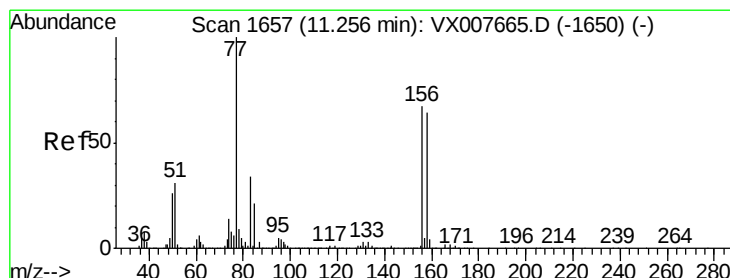
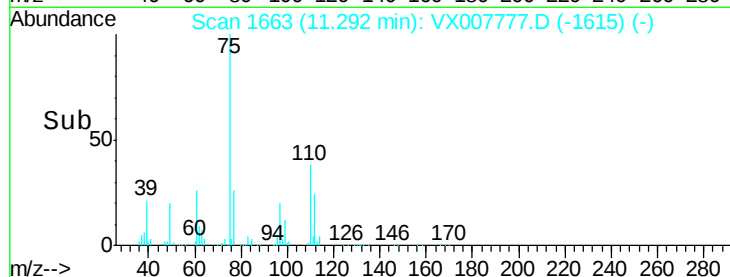
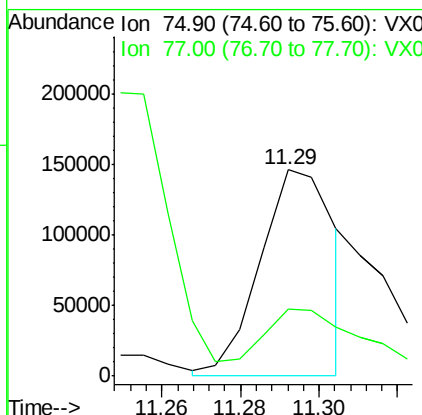
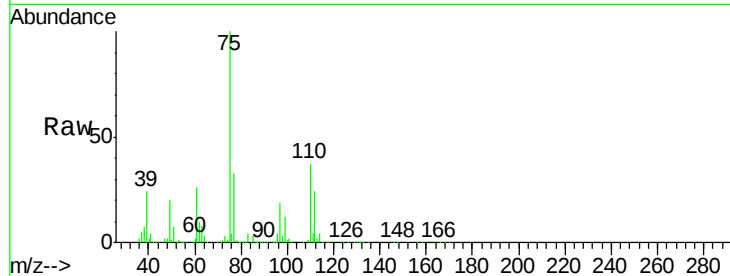
1,2,3-Trichloropropane
Concen: 45.158 ug/l m
RT: 11.29 min Scan# 1663
Delta R.T. -0.01 min
Lab File: VX007777.D
Acq: 28 Feb 2019 19:58

Instrument :
MSVOA_X
ClientSampleId :
A0C1-TWPMDS

Tot Ion	Ratio	Lower	Upper
75	100		
77	45.5	23.0	69.0

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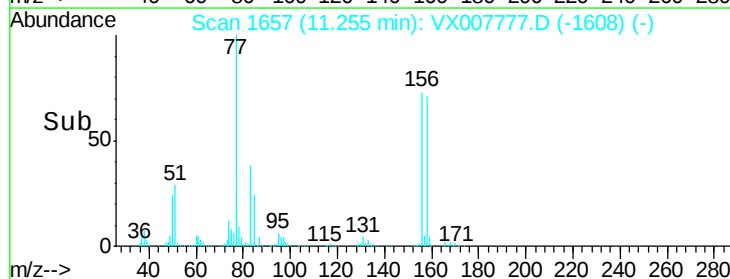
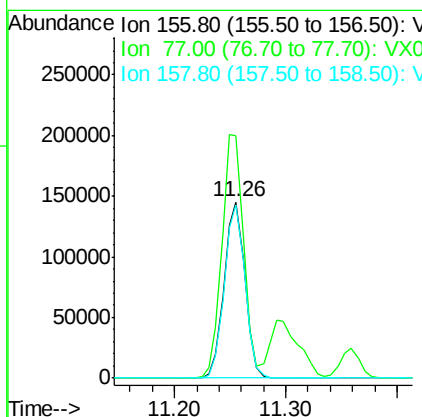
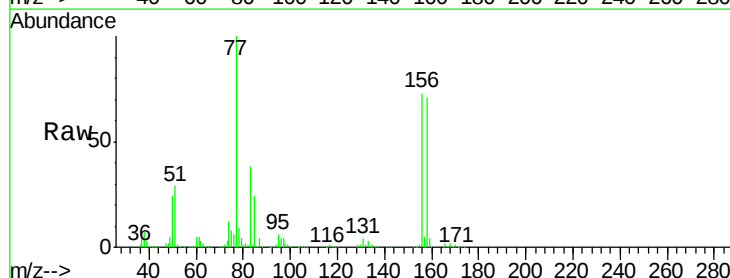
MMDadoda
3/1/2019 10:04:41 AM

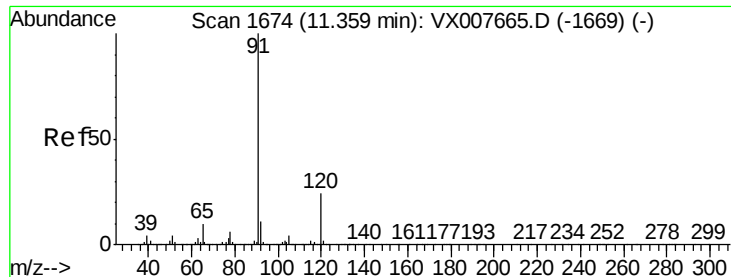


#77

Bromobenzene
Concen: 52.338 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VX007777.D
Acq: 28 Feb 2019 19:58

Tgt Ion	Ratio	Lower	Upper
156	100		
77	144.4	66.8	200.6
158	97.9	47.9	143.8





#78

n-propylbenzene

Concen: 48.333 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007777.D

Acq: 28 Feb 2019 19:58

Instrument :

MSVOA_X

ClientSampleId :

A0C1-TWPMDS

Tot Ion: 91 Resp: 777138

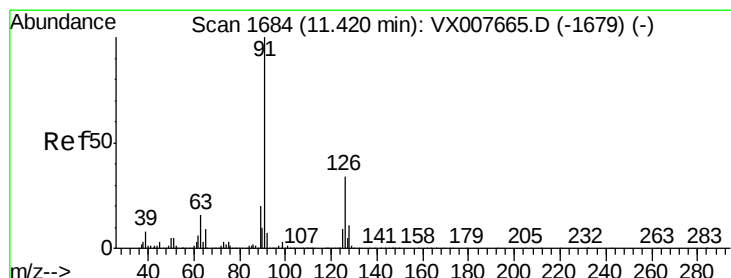
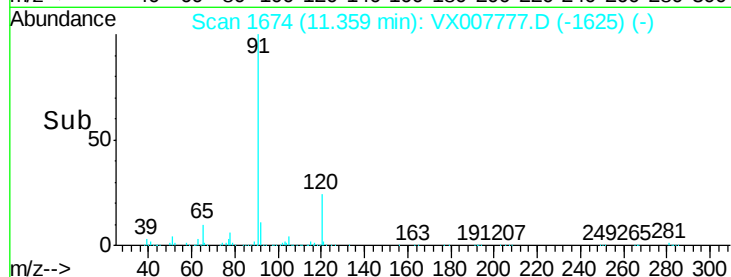
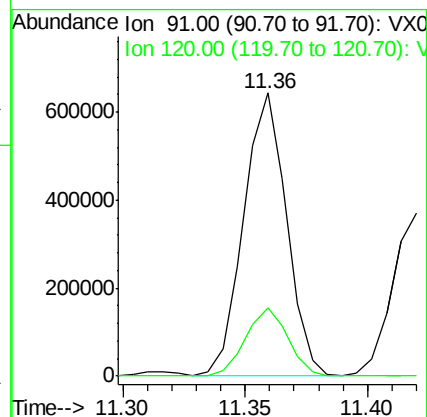
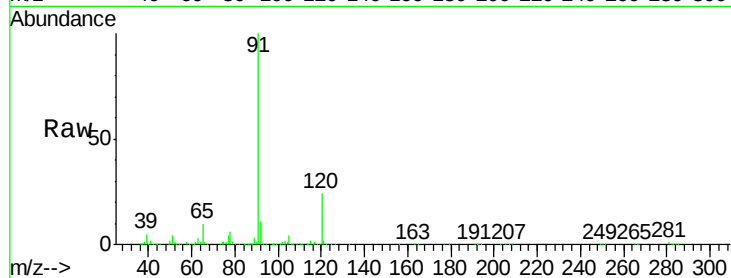
Ion Ratio Lower Upper

91 100

120 23.8 12.4 37.2

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#79

2-Chlorotoluene

Concen: 47.531 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007777.D

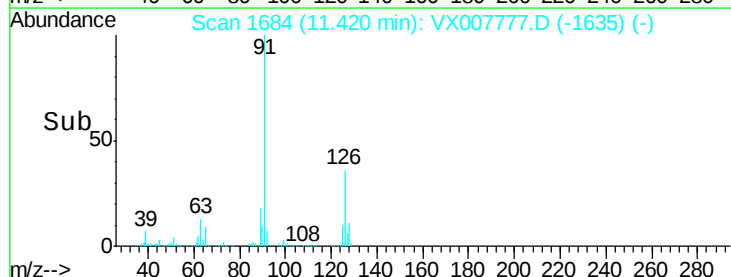
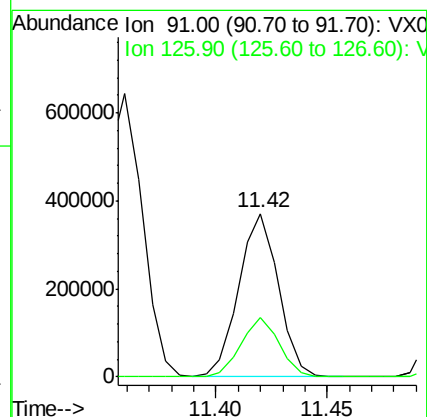
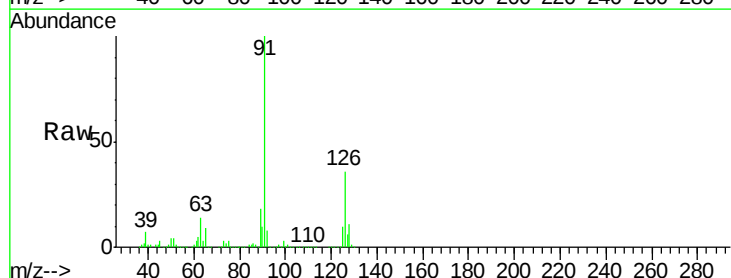
Acq: 28 Feb 2019 19:58

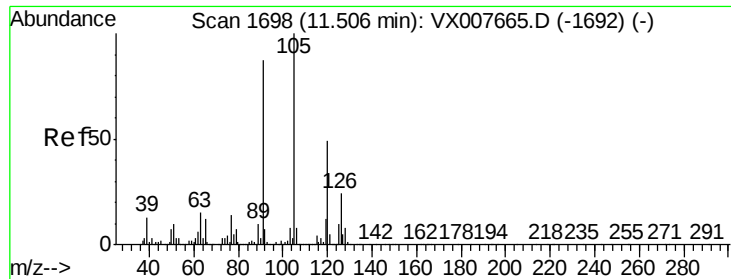
Tgt Ion: 91 Resp: 460165

Ion Ratio Lower Upper

91 100

126 35.4 18.7 56.1





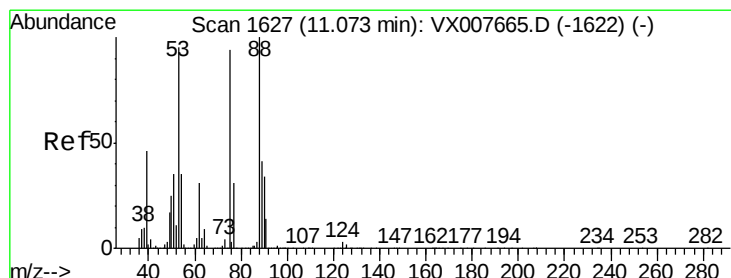
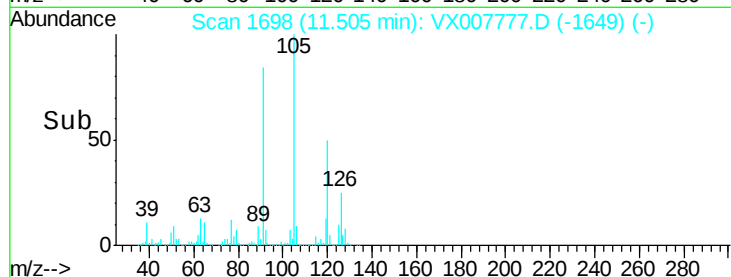
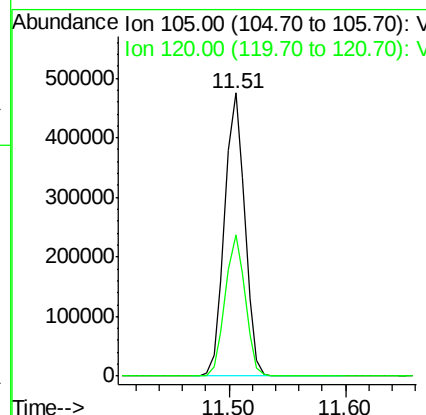
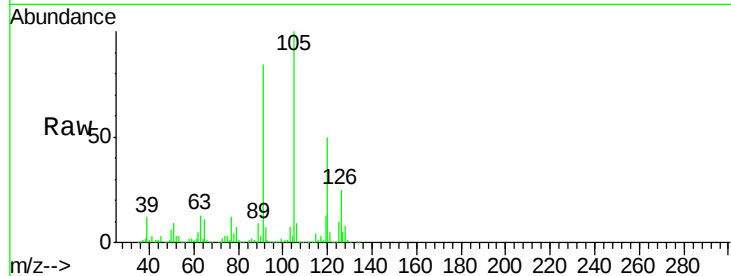
#80
 1,3,5-Trimethylbenzene
 Concen: 48.500 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX007777.D
 Acq: 28 Feb 2019 19:58

Instrument :
 MSVOA_X
 ClientSampleId :
 A0C1-TWPMSD

Tot Ion	Ratio	Lower	Upper
105	100		
120	49.6	25.3	75.8

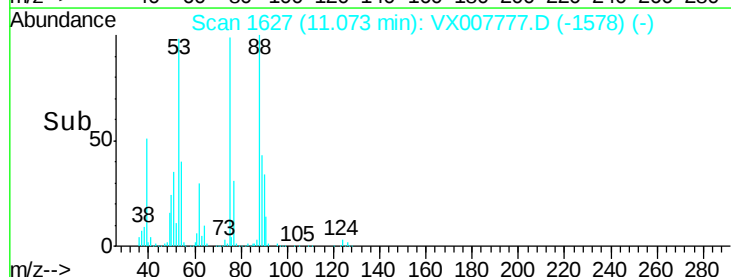
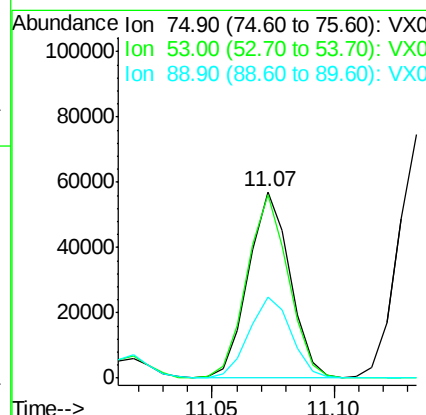
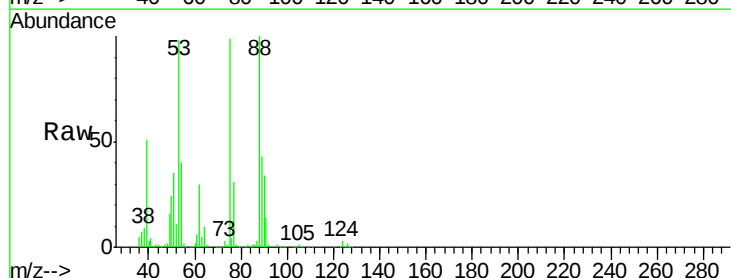
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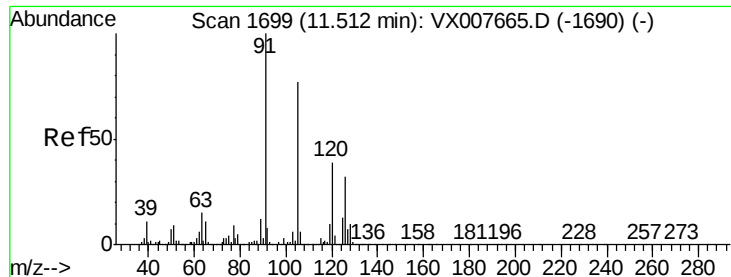
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 43.022 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VX007777.D
 Acq: 28 Feb 2019 19:58

Tgt Ion	Ratio	Lower	Upper
75	100		
53	97.9	81.0	121.6
89	44.6	41.4	62.0





#82

4-Chlorotoluene

Concen: 46.803 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX007777.D

Acq: 28 Feb 2019 19:58

Instrument :

MSVOA_X

ClientSampleId :

A0C1-TWPMSD

Tot Ion: 91 Resp: 530076

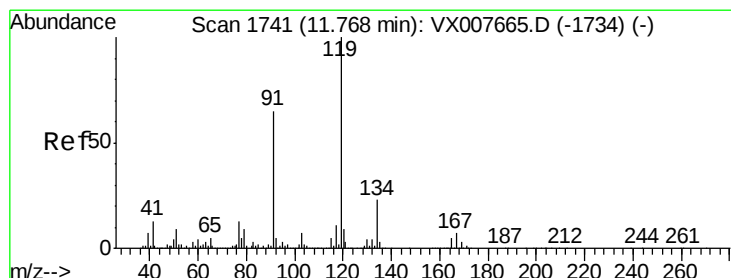
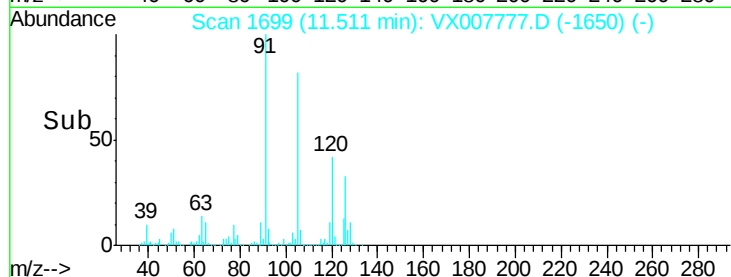
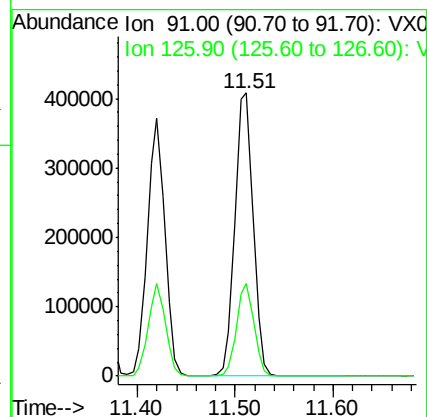
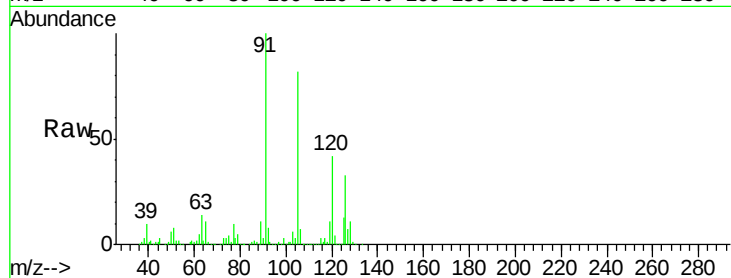
Ion Ratio Lower Upper

91 100

126 31.4 16.2 48.5

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#83

tert-Butylbenzene

Concen: 50.184 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX007777.D

Acq: 28 Feb 2019 19:58

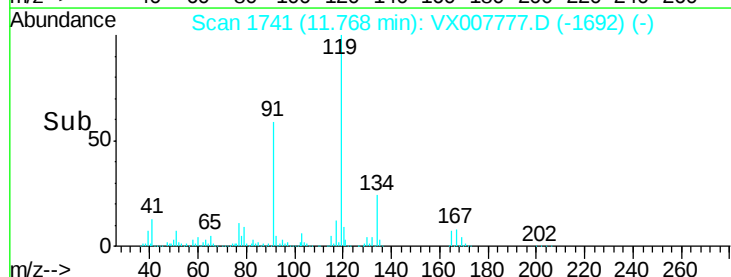
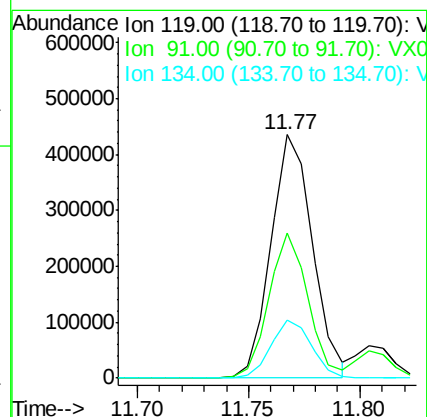
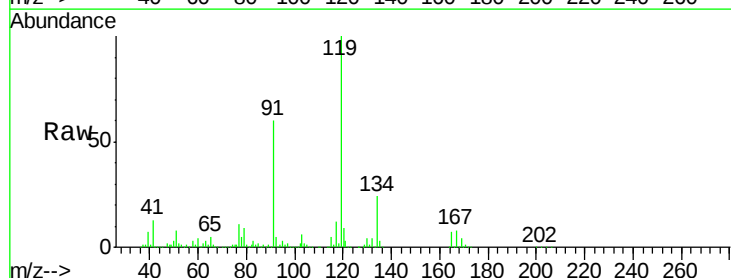
Tgt Ion: 119 Resp: 563942

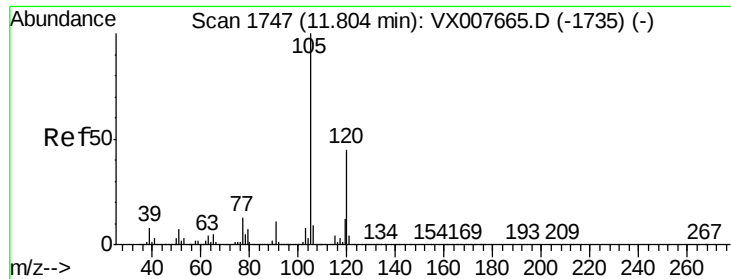
Ion Ratio Lower Upper

119 100

91 56.1 28.5 85.6

134 23.4 12.0 36.0





#84

1,2,4-Trimethylbenzene

Concen: 48.713 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX007777.D

Acq: 28 Feb 2019 19:58

Instrument :

MSVOA_X

ClientSampleId :

A0C1-TWPMDS

Tot Ion:105 Resp: 583194

Ion Ratio Lower Upper

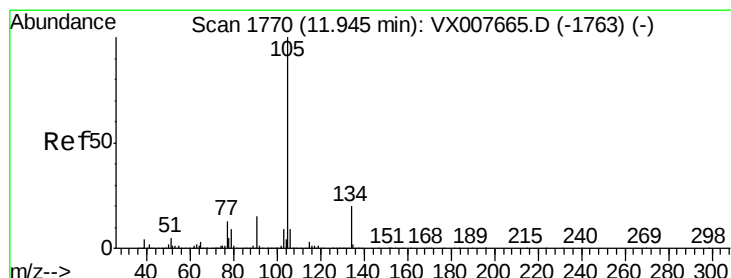
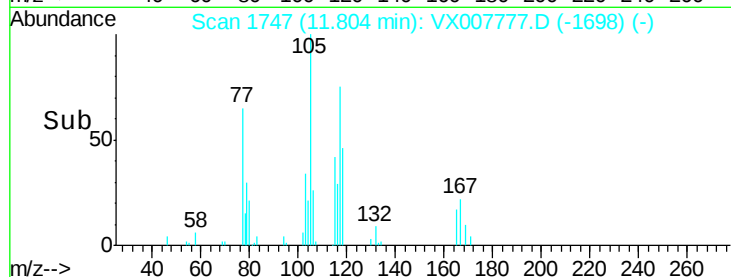
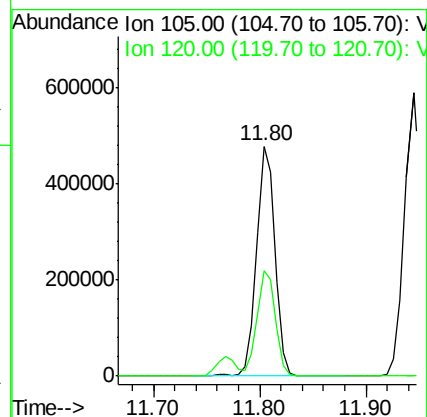
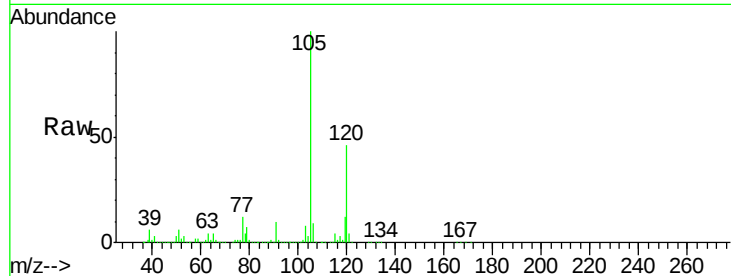
105 100

120 45.3 23.1 69.3

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#85

sec-Butylbenzene

Concen: 48.154 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007777.D

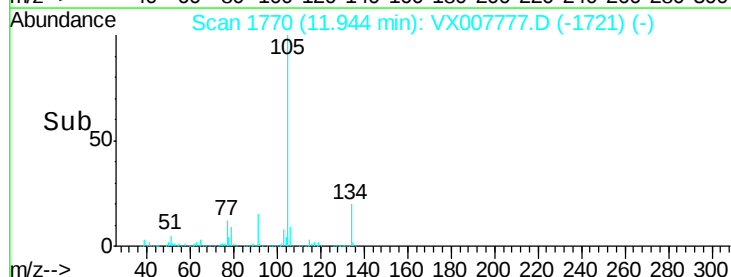
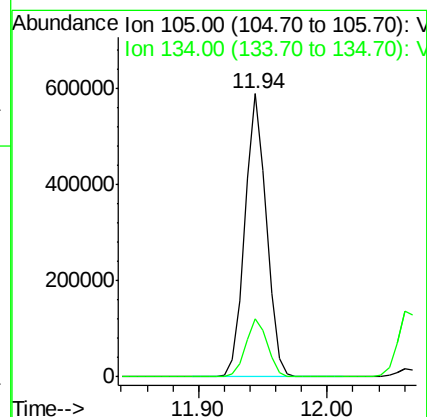
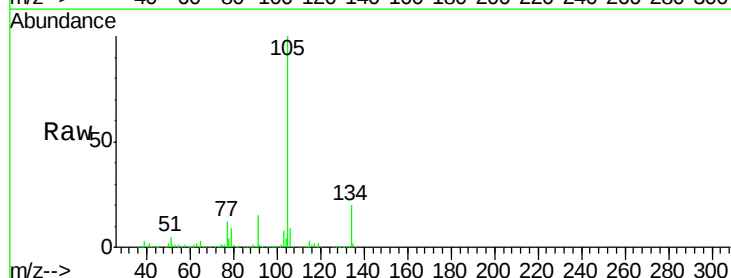
Acq: 28 Feb 2019 19:58

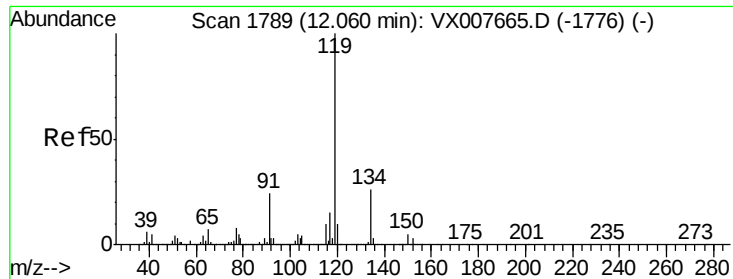
Tgt Ion:105 Resp: 678102

Ion Ratio Lower Upper

105 100

134 20.6 10.6 31.8





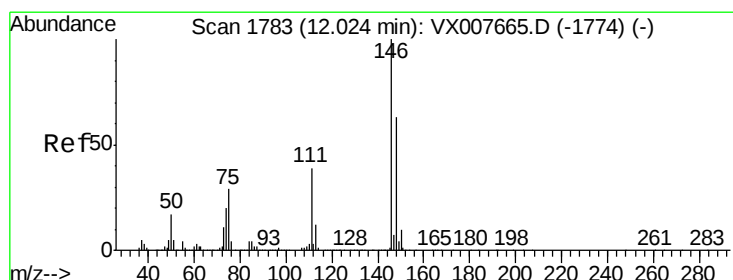
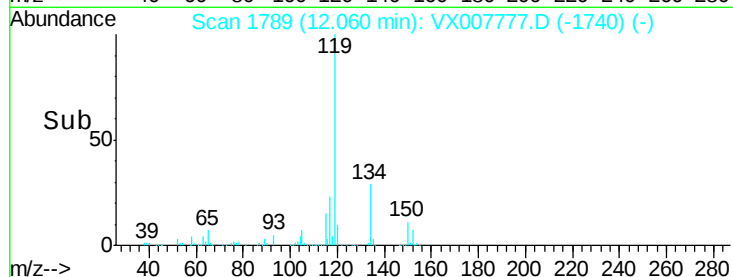
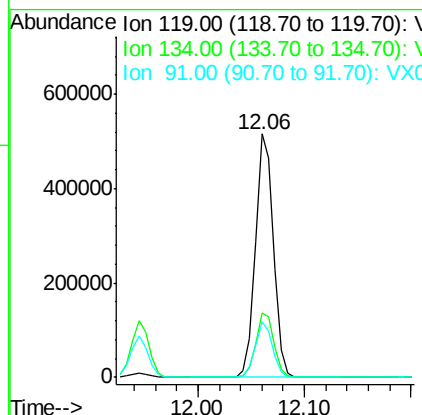
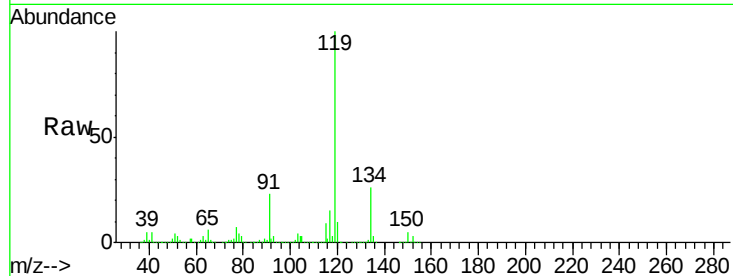
#86
p-Isopropyltoluene
Concen: 49.515 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX007777.D
Acq: 28 Feb 2019 19:58

Instrument :
MSVOA_X
ClientSampleId :
A0C1-TWPMDS

Tot Ion	Ratio	Resp	Lower	Upper
119	100	610640		
134	26.5		13.7	41.1
91	22.1		11.2	33.5

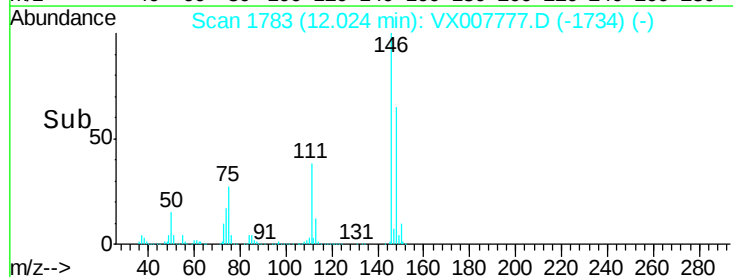
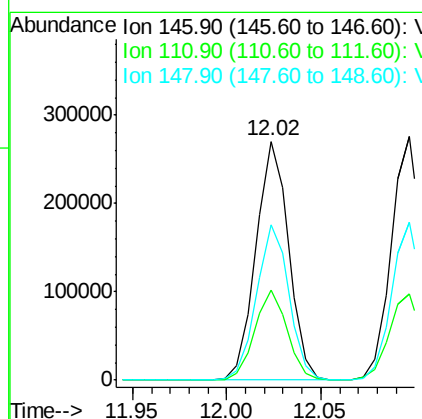
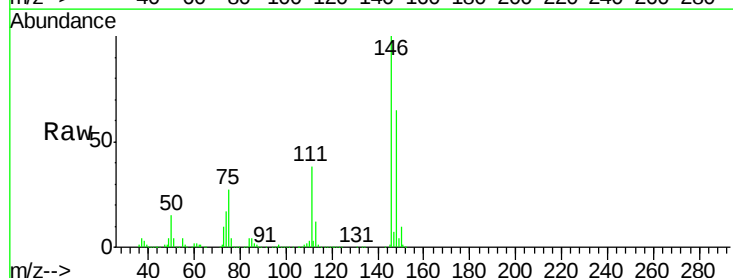
Manual Integrations
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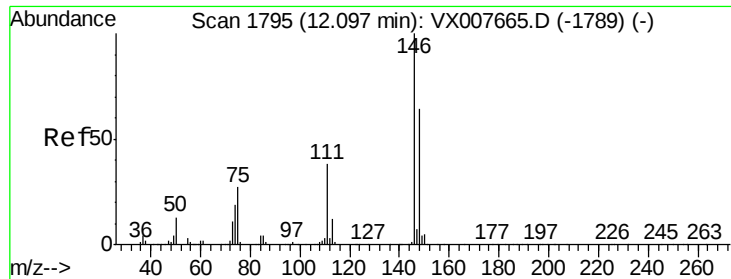
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#87
1,3-Dichlorobenzene
Concen: 49.249 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VX007777.D
Acq: 28 Feb 2019 19:58

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	326027		
111	37.4		18.1	54.1
148	64.6		32.0	96.2





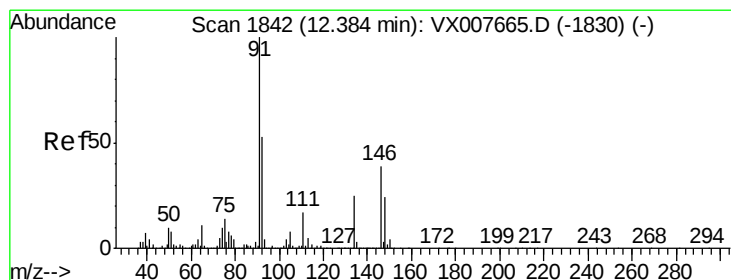
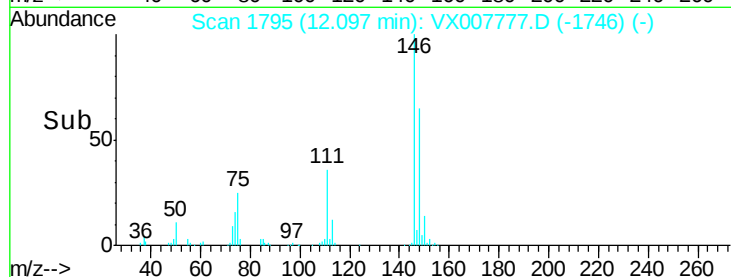
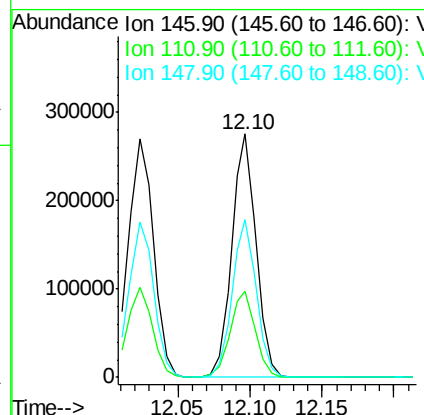
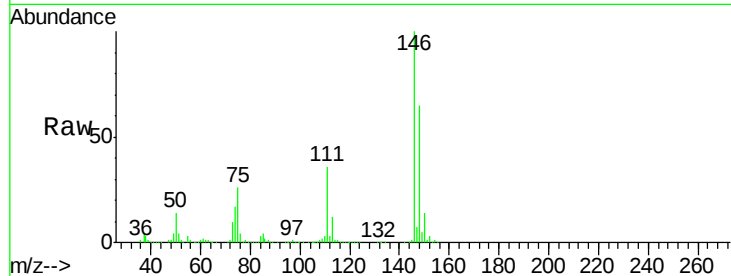
#88
 1,4-Dichlorobenzene
 Concen: 48.310 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007777.D
 Acq: 28 Feb 2019 19:58

Instrument :
 MSVOA_X
 ClientSampleId :
 A0C1-TWPMSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.6	18.1	54.1
148	64.6	32.3	96.9

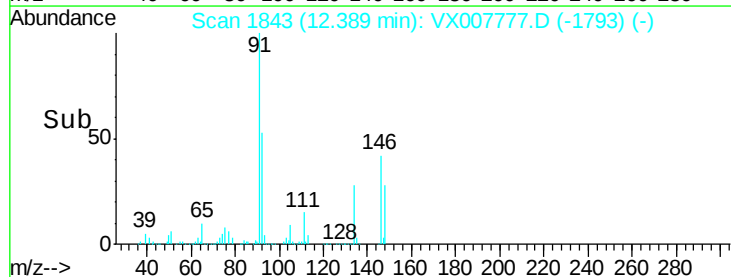
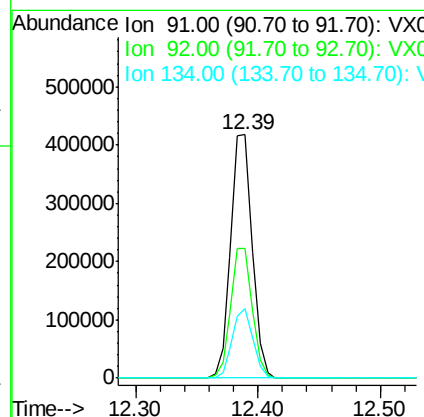
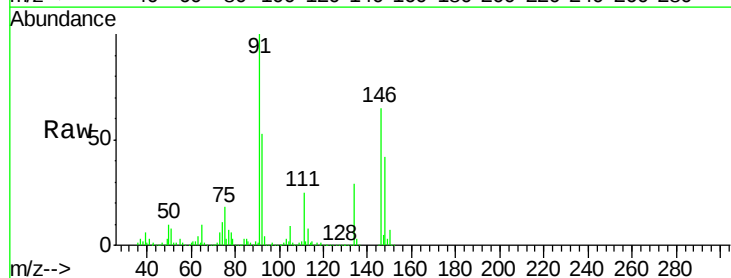
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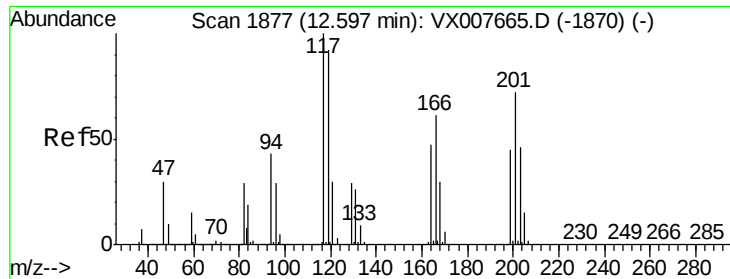
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#89
 n-Butylbenzene
 Concen: 46.326 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.01 min
 Lab File: VX007777.D
 Acq: 28 Feb 2019 19:58

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.2	26.3	78.9
134	27.3	13.9	41.6





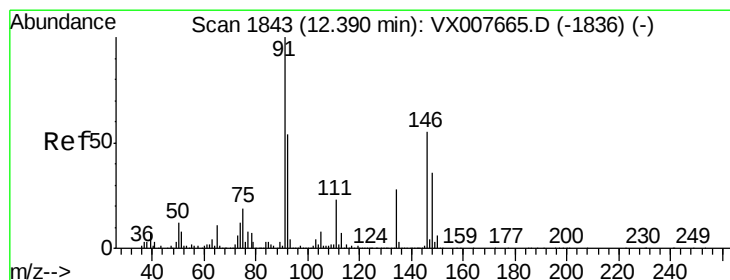
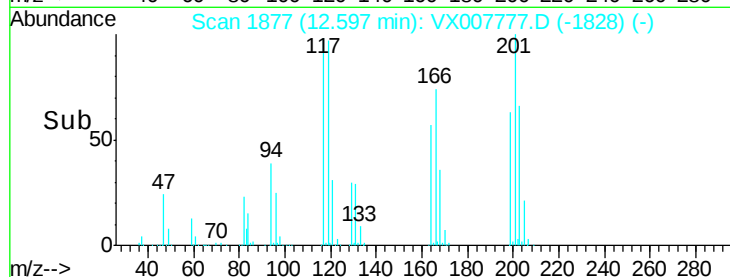
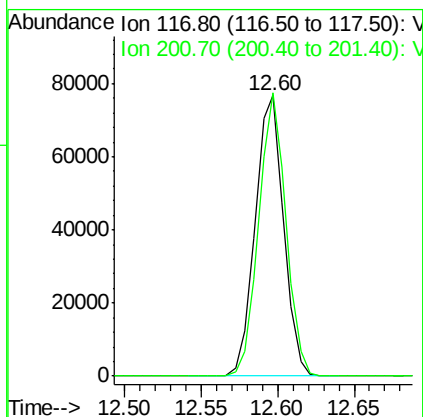
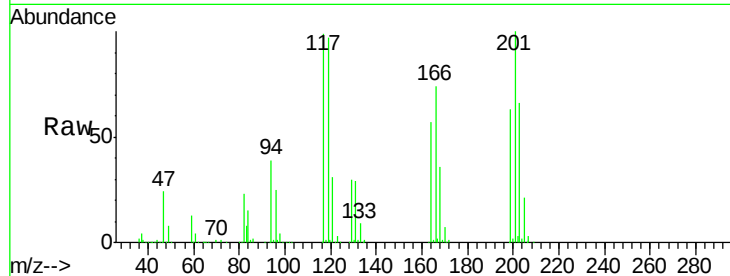
#90
Hexachloroethane
Concen: 47.718 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX007777.D
Acq: 28 Feb 2019 19:58

Instrument :
MSVOA_X
ClientSampleId :
A0C1-TWPMDS

Tot Ion:117 Resp: 99154
Ion Ratio Lower Upper
117 100
201 96.8 44.9 134.7

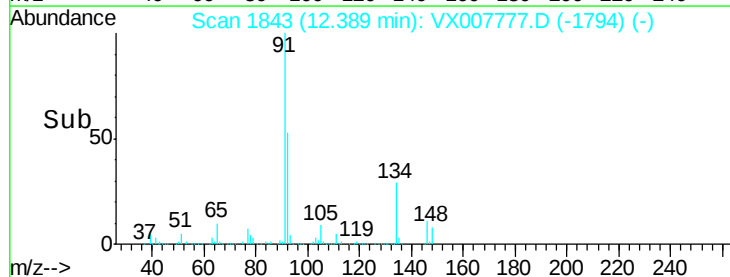
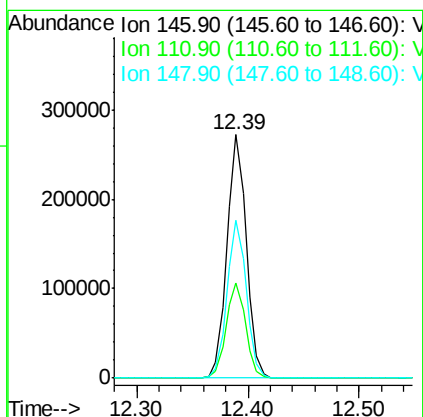
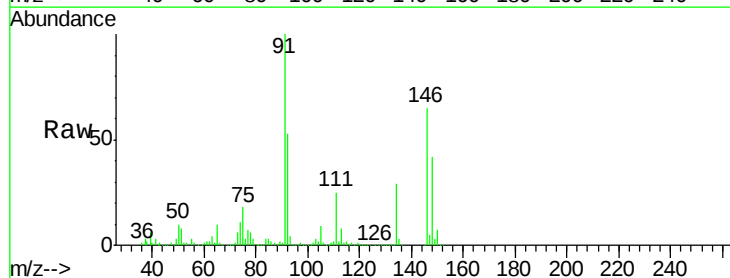
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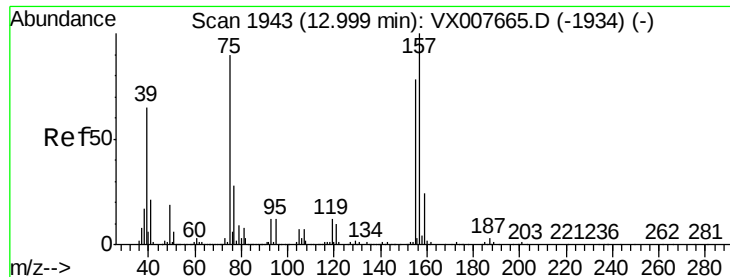
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3/1/2019 10:04:41 AM



#91
1,2-Dichlorobenzene
Concen: 49.298 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX007777.D
Acq: 28 Feb 2019 19:58

Tgt Ion:146 Resp: 326539
Ion Ratio Lower Upper
146 100
111 39.2 19.1 57.3
148 64.4 32.1 96.3





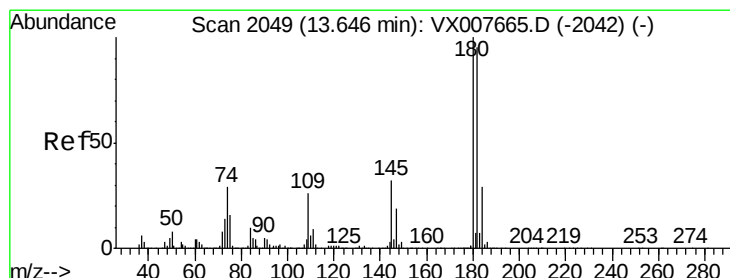
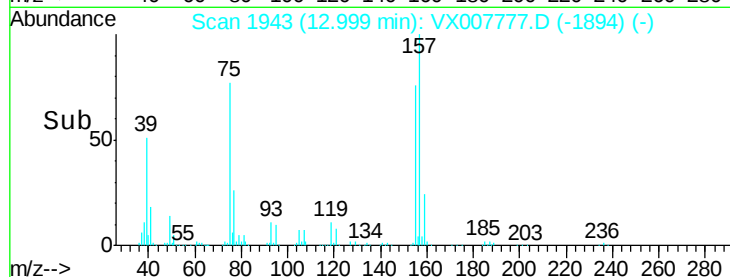
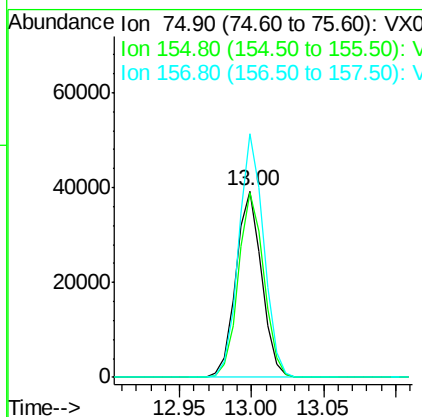
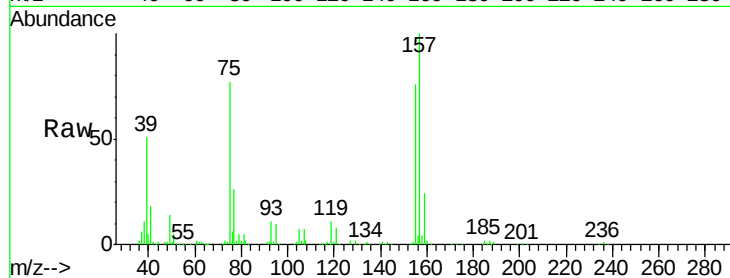
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.665 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX007777.D
 Acq: 28 Feb 2019 19:58

Instrument :
 MSVOA_X
 ClientSampleId :
 A0C1-TWPMSD

Tot Ion	Ratio	Lower	Upper
75	100		
155	97.4	49.6	149.0
157	126.7	65.1	195.3

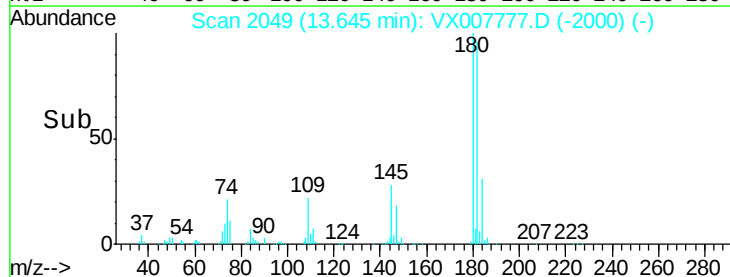
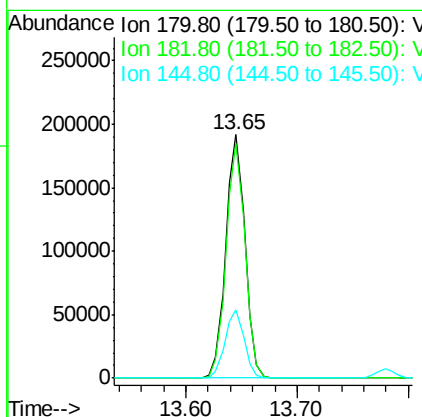
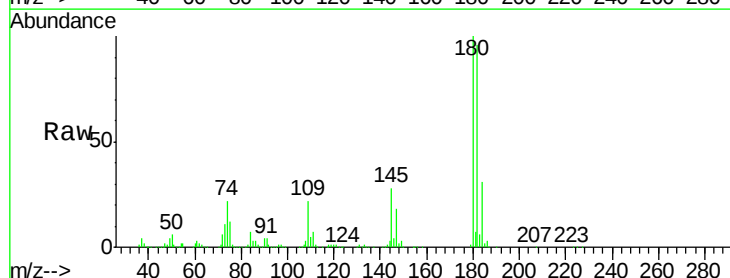
Manual Integrations
 APPROVED

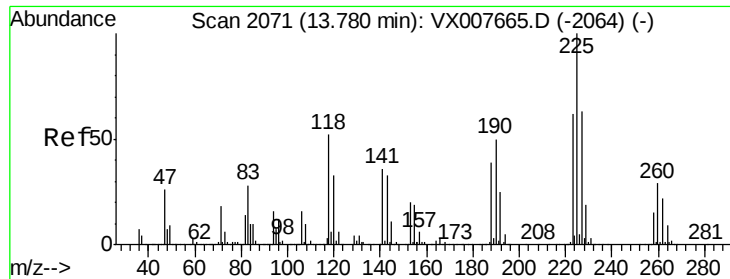
MMDadoda
 3/1/2019 10:04:41 AM



#93
 1,2,4-Trichlorobenzene
 Concen: 56.479 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007777.D
 Acq: 28 Feb 2019 19:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.8	143.3
145	27.9	14.1	42.2





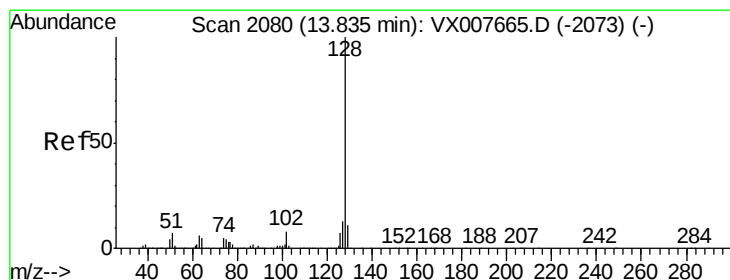
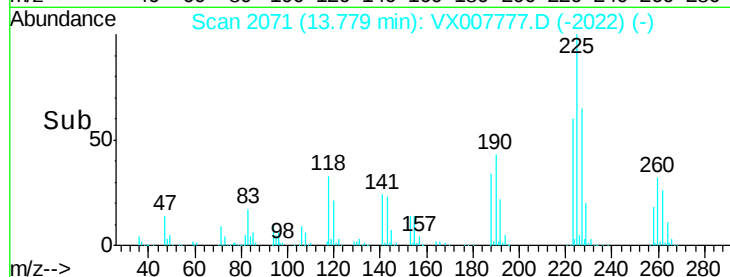
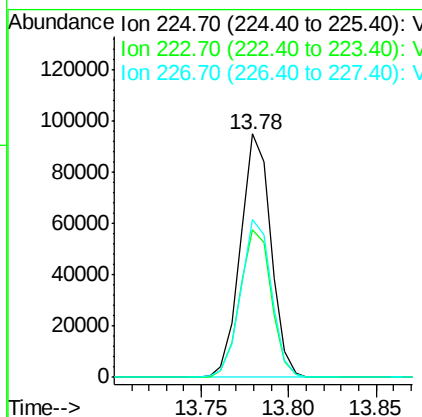
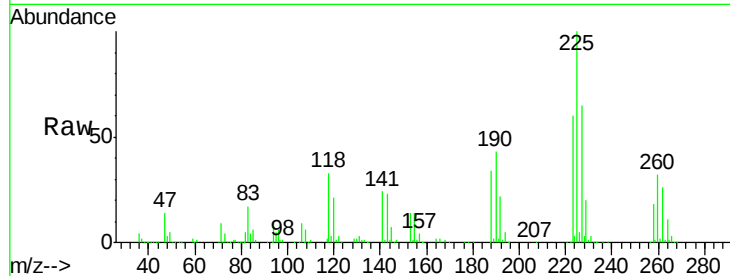
#94
Hexachlorobutadiene
Concen: 62.121 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. -0.00 min
Lab File: VX007777.D
Acq: 28 Feb 2019 19:58

Instrument :
MSVOA_X
ClientSampleId :
A0C1-TWPMDS

Tot Ion	Ratio	Resp	Lower	Upper
225	100	114901		
223	62.5	31.6	94.8	
227	65.1	32.1	96.3	

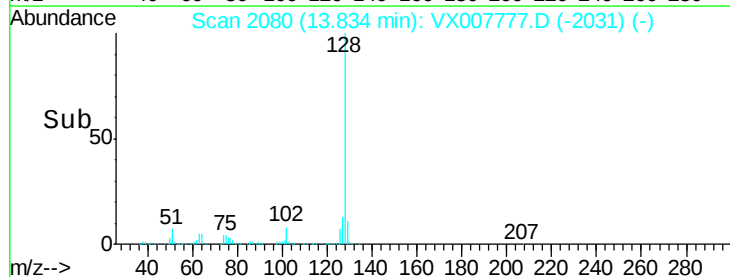
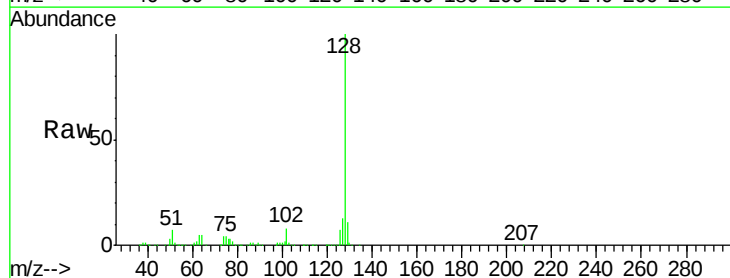
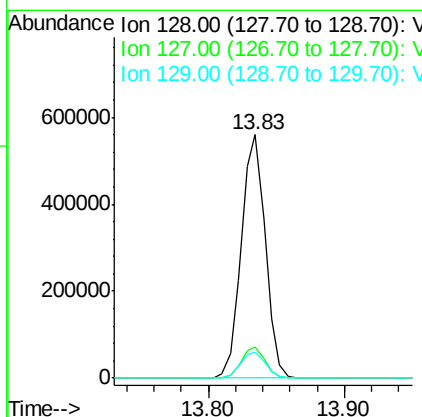
Manual Integrations
APPROVED

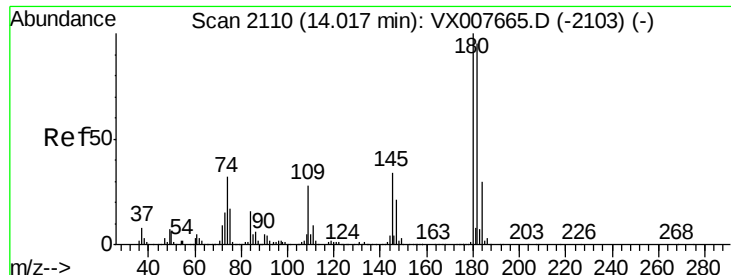
MMDadoda
3/1/2019 10:04:41 AM



#95
Naphthalene
Concen: 52.532 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX007777.D
Acq: 28 Feb 2019 19:58

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	688133		
127	12.7	10.5	15.7	
129	11.0	8.7	13.1	





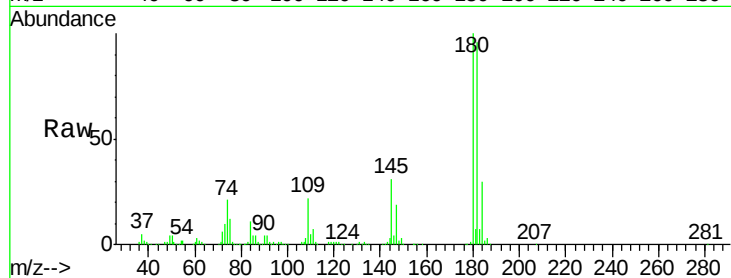
#96
 1,2,3-Trichlorobenzene
 Concen: 56.631 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. -0.00 min
 Lab File: VX007777.D
 Acq: 28 Feb 2019 19:58

Instrument :
 MSVOA_X
 ClientSampleId :
 A0C1-TWPMSD

Tot Ion	Ratio	Resp	Lower	Upper
180	100	229909		
182	95.6		47.5	142.6
145	30.0		14.9	44.5

Manual Integrations
 APPROVED

MMDadoda
 3/1/2019 10:04:41 AM



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

