

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022819\
 Data File : VX007766.D
 Acq On : 28 Feb 2019 15:05
 Operator : JC/SP
 Sample : VX0228WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0228WBSD01

Manual Integrations
 APPROVED

MMDadoda
 3/1/2019 10:04:14 AM

Quant Time: Mar 01 02:50:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	301618	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	438676	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	397690	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	200030	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	170222	45.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.12%	
35) Dibromofluoromethane	5.50	113	140233	47.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.64%	
50) Toluene-d8	8.71	98	525762	46.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.66%	
62) 4-Bromofluorobenzene	11.13	95	187671	45.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	47130	16.962	ug/l	97
3) Chloromethane	1.33	50	52582	17.078	ug/l	99
4) Vinyl Chloride	1.41	62	55455	17.555	ug/l	99
5) Bromomethane	1.64	94	33064	15.545	ug/l	98
6) Chloroethane	1.73	64	40784	20.208	ug/l	99
7) Trichlorofluoromethane	1.93	101	78358	16.181	ug/l	100
8) Diethyl Ether	2.19	74	33195	16.703	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.39	101	45698	15.613	ug/l	98
10) Methyl Iodide	2.51	142	68318	18.745	ug/l	99
11) Tert butyl alcohol	3.07	59	70778	99.847	ug/l	99
12) 1,1-Dichloroethene	2.38	96	44696	16.941	ug/l	94
13) Acrolein	2.30	56	28835	45.776	ug/l	100
14) Allyl chloride	2.73	41	90640	18.580	ug/l	94
15) Acrylonitrile	3.15	53	157975	94.699	ug/l	99
16) Acetone	2.45	43	143386	86.302	ug/l	96
17) Carbon Disulfide	2.57	76	120218	16.378	ug/l	99
18) Methyl Acetate	2.78	43	72887	20.104	ug/l	93
19) Methyl tert-butyl Ether	3.20	73	160293	17.447	ug/l	99
20) Methylene Chloride	2.86	84	51544	16.801	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	47263	16.478	ug/l	91
22) Diisopropyl ether	3.87	45	187501	18.464	ug/l	95
23) Vinyl Acetate	3.82	43	804624	90.308	ug/l	97
24) 1,1-Dichloroethane	3.70	63	98470	17.842	ug/l	98
25) 2-Butanone	4.70	43	240455	95.011	ug/l	95
26) 2,2-Dichloropropane	4.59	77	64997	14.753	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	58801	16.112	ug/l	92
28) Bromochloromethane	5.02	49	45400	16.897	ug/l	86
29) Tetrahydrofuran	5.15	42	156583	93.861	ug/l	93
30) Chloroform	5.21	83	98878	16.725	ug/l	99
31) Cyclohexane	5.57	56	87030	16.764	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	82275	16.828	ug/l	97
36) 1,1-Dichloropropene	5.80	75	72207	18.309	ug/l	97
37) Ethyl Acetate	4.85	43	88551	20.213	ug/l	100
38) Carbon Tetrachloride	5.78	117	71089	17.944	ug/l	98

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Quant Time: Mar 01 02:50:02 2019
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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	83892	16.831	ug/l	94
40) Benzene	6.14	78	223171	18.331	ug/l	100
41) Methacrylonitrile	5.06	41	49425	21.127	ug/l	95
42) 1,2-Dichloroethane	6.20	62	80193	19.598	ug/l	99
43) Isopropyl Acetate	6.46	43	134415	19.935	ug/l	97
44) Trichloroethene	7.21	130	60946	18.198	ug/l	99
45) 1,2-Dichloropropane	7.52	63	59999	19.025	ug/l	100
46) Dibromomethane	7.66	93	38461	17.481	ug/l	99
47) Bromodichloromethane	7.90	83	70062	18.376	ug/l	99
48) Methyl methacrylate	7.77	41	72464	20.503	ug/l	92
49) 1,4-Dioxane	7.75	88	29387	384.970	ug/l	92
51) 4-Methyl-2-Pentanone	8.65	43	463152	102.619	ug/l	98
52) Toluene	8.78	92	139723	18.200	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	74595	17.658	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	82772	17.889	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	57481	17.955	ug/l	99
56) Ethyl methacrylate	9.18	69	85512	18.783	ug/l	95
57) 1,3-Dichloropropane	9.37	76	97040	18.936	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	251213	100.065	ug/l	97
59) 2-Hexanone	9.49	43	351813	99.288	ug/l	98
60) Dibromochloromethane	9.59	129	56552	18.358	ug/l	98
61) 1,2-Dibromoethane	9.67	107	60334	18.152	ug/l	99
64) Tetrachloroethene	9.34	164	61988	19.200	ug/l	98
65) Chlorobenzene	10.14	112	155120	18.035	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	54879	18.291	ug/l	99
67) Ethyl Benzene	10.25	91	261373	18.344	ug/l	99
68) m/p-Xylenes	10.36	106	199902	36.063	ug/l	98
69) o-Xylene	10.69	106	96080	18.020	ug/l	95
70) Styrene	10.71	104	157476	17.969	ug/l	99
71) Bromoform	10.85	173	43290	19.241	ug/l #	99
73) Isopropylbenzene	11.02	105	258343	18.071	ug/l	99
74) N-amyl acetate	10.90	43	115826	18.657	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	87044	17.604	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	74205m	17.404	ug/l	
77) Bromobenzene	11.26	156	70403	19.634	ug/l	94
78) n-propylbenzene	11.36	91	285338	17.662	ug/l	98
79) 2-Chlorotoluene	11.42	91	172220	17.705	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	212910	18.105	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	21960	15.980	ug/l	91
82) 4-Chlorotoluene	11.51	91	200578	17.626	ug/l	97
83) tert-Butylbenzene	11.77	119	208171	18.437	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	217158	18.053	ug/l	98
85) sec-Butylbenzene	11.94	105	251115	17.748	ug/l	99
86) p-Isopropyltoluene	12.06	119	223938	18.073	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	121527	18.271	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	123713	18.161	ug/l	98
89) n-Butylbenzene	12.39	91	182329	16.500	ug/l	99
90) Hexachloroethane	12.60	117	35074	16.800	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	122677	18.433	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	18293	16.979	ug/l	93

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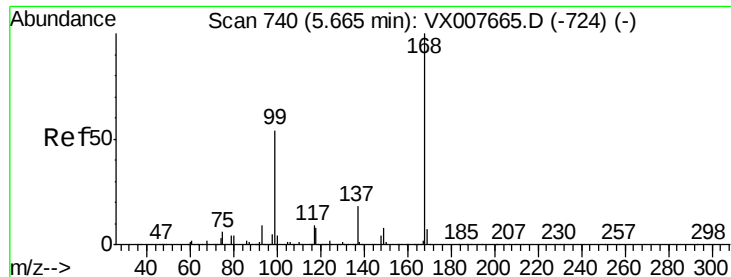
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	80859	19.904	ug/l	100
94) Hexachlorobutadiene	13.78	225	44460	23.924	ug/l	99
95) Naphthalene	13.83	128	241405	18.342	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	82594	20.249	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX007766.D

Acq: 28 Feb 2019 15:05

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBSD01

Tot Ion:168 Resp: 301618

Ion Ratio Lower Upper

168 100

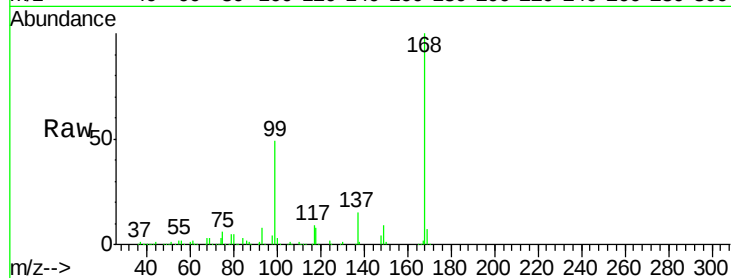
99 48.8 37.9 56.9

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

40000

20000

0

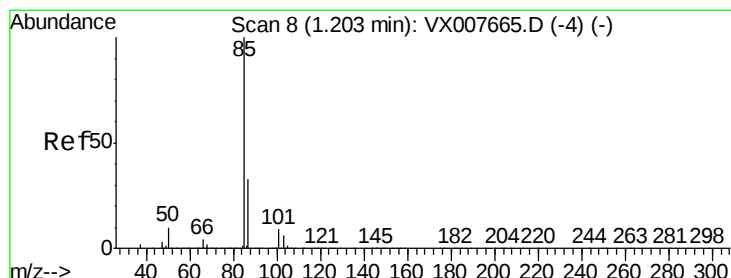
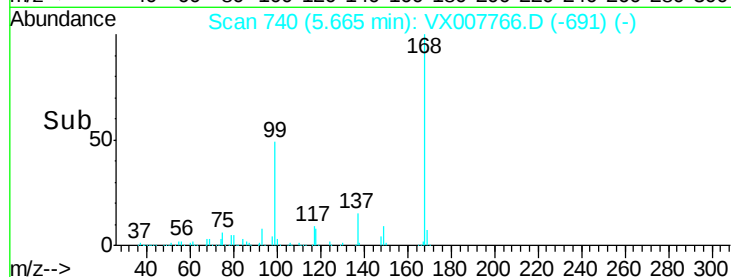
5.50

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 16.962 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.00 min

Lab File: VX007766.D

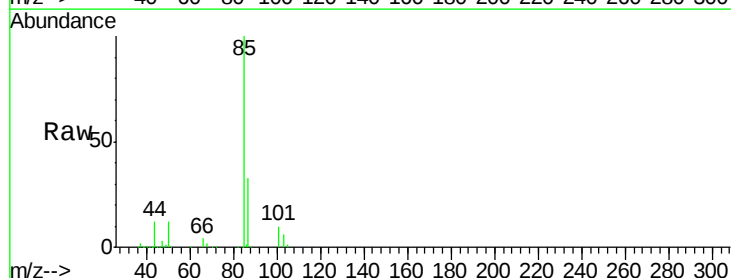
Acq: 28 Feb 2019 15:05

Tgt Ion: 85 Resp: 47130

Ion Ratio Lower Upper

85 100

87 33.2 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

50000

40000

30000

20000

10000

0

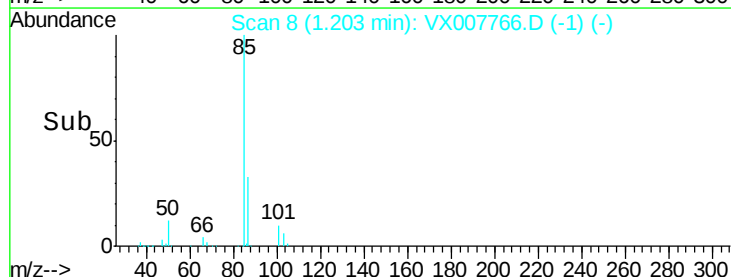
1.15

1.20

1.25

1.30

Time-->





#3

Chloromethane

Concen: 17.078 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX007766.D

Acq: 28 Feb 2019 15:05

Tot Ion: 50 Resp: 52582

Ion Ratio Lower Upper

50 100

52 31.9 26.1 39.1

Instrument :

MSVOA_X

ClientSampleId :

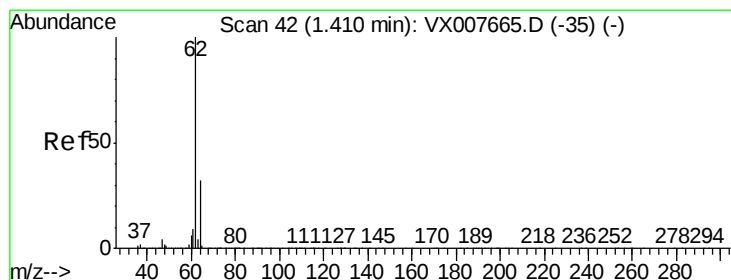
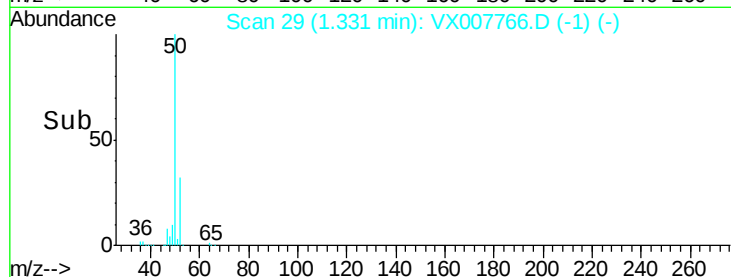
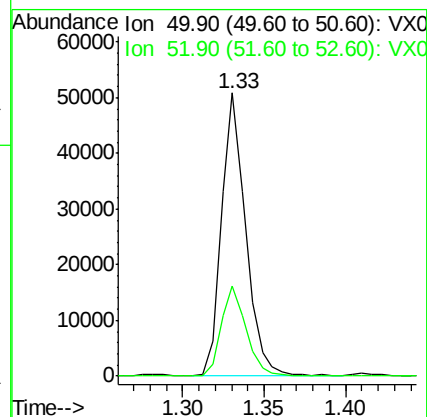
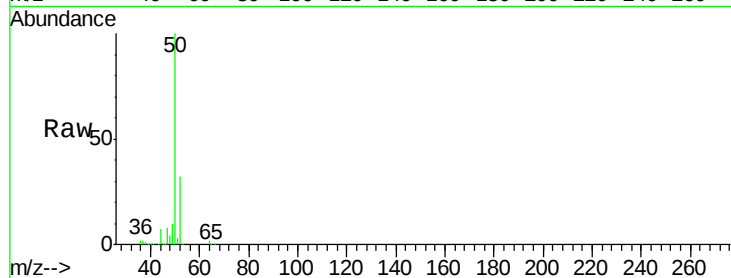
VX0228WBSD01

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#4

Vinyl Chloride

Concen: 17.555 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX007766.D

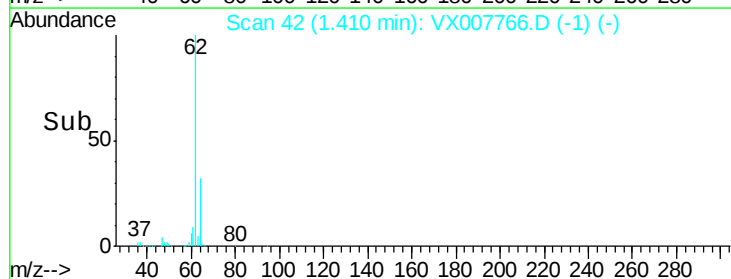
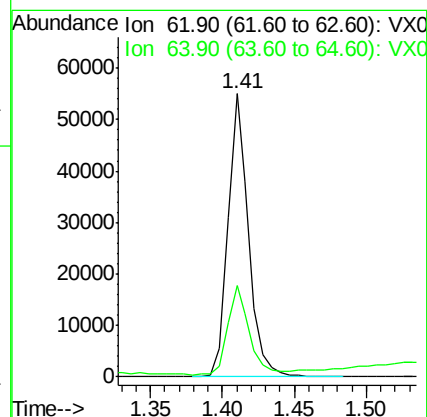
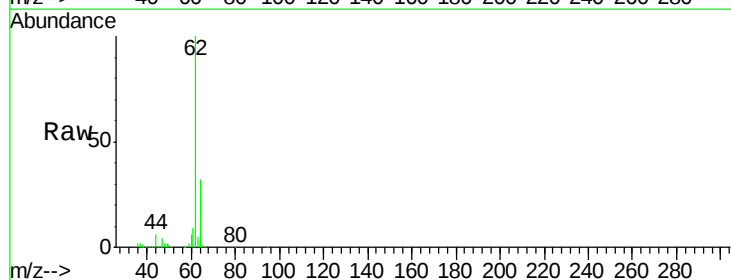
Acq: 28 Feb 2019 15:05

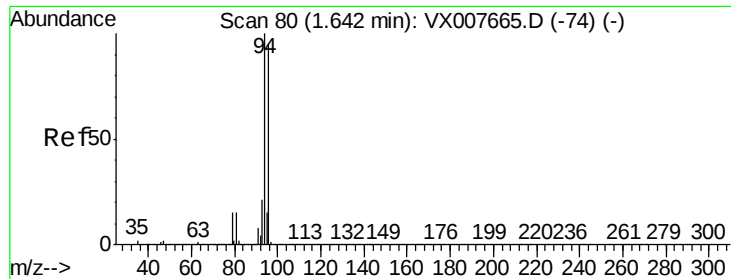
Tgt Ion: 62 Resp: 55455

Ion Ratio Lower Upper

62 100

64 31.2 25.4 38.0





#5

Bromomethane

Concen: 15.545 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007766.D

Acq: 28 Feb 2019 15:05

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBSD01

Tot Ion: 94 Resp: 33064

Ion Ratio Lower Upper

94 100

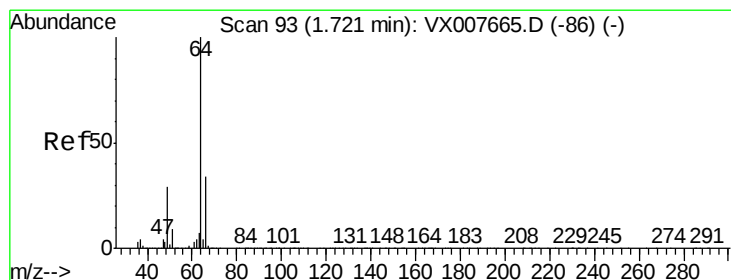
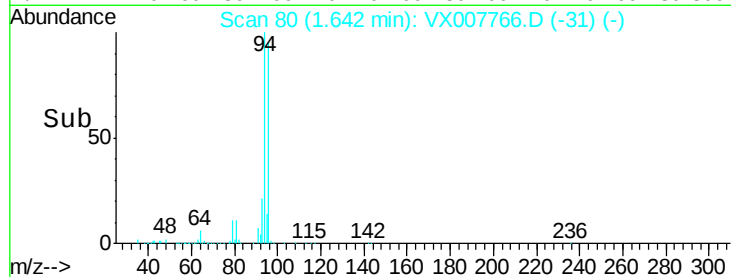
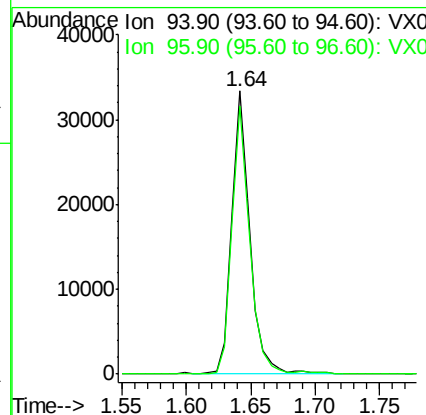
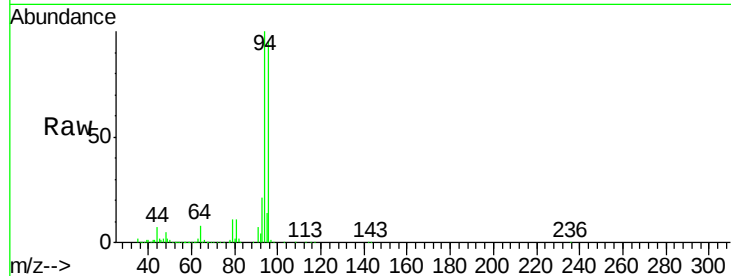
96 94.7 73.9 110.9

Manual Integrations

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#6

Chloroethane

Concen: 20.208 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX007766.D

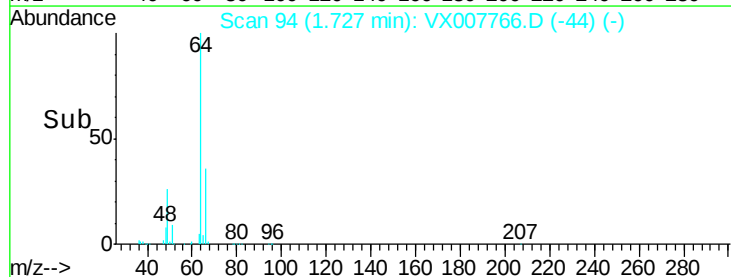
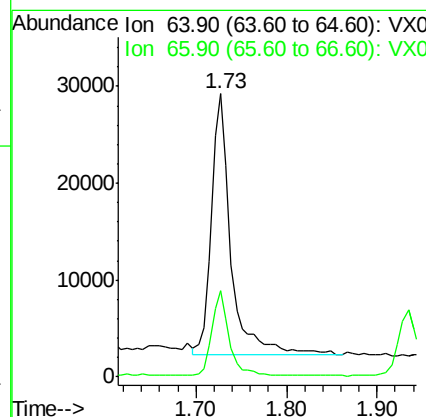
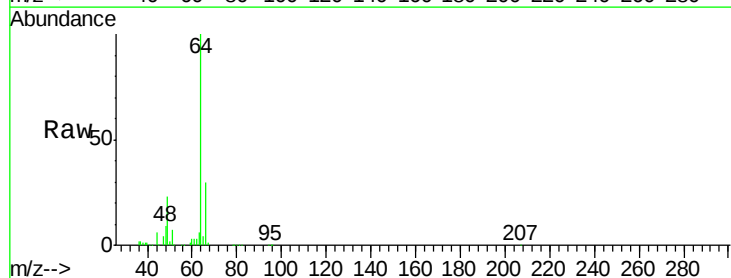
Acq: 28 Feb 2019 15:05

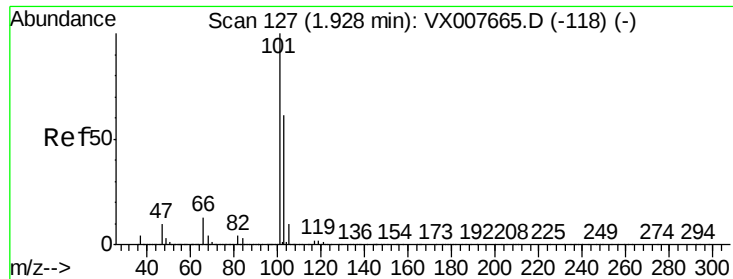
Tgt Ion: 64 Resp: 40784

Ion Ratio Lower Upper

64 100

66 32.2 25.5 38.3





#7

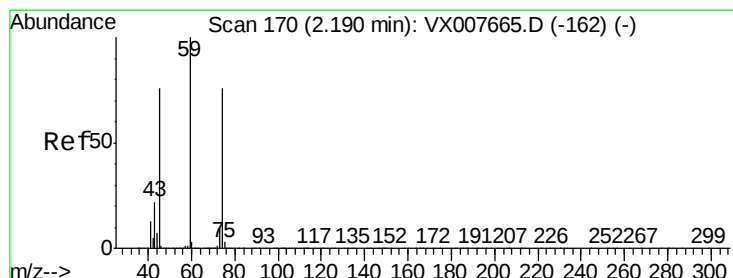
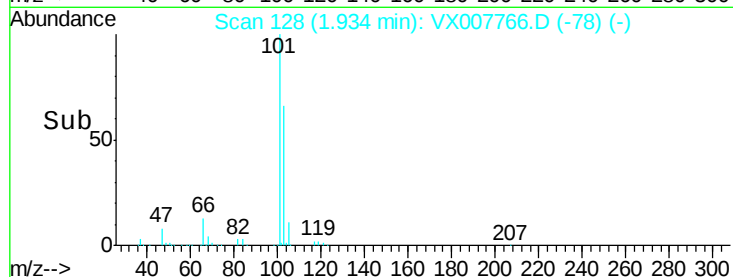
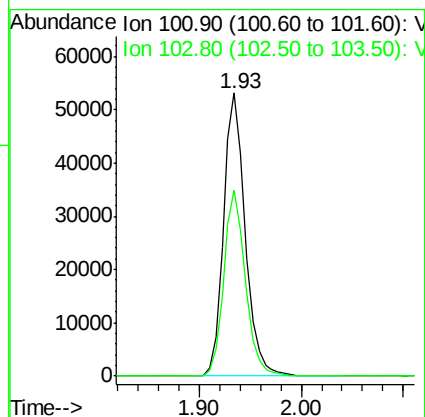
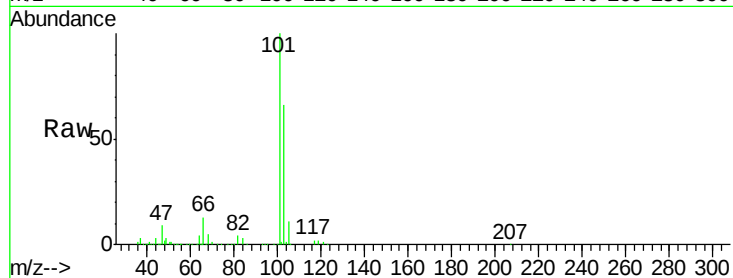
Trichlorofluoromethane
 Concen: 16.181 ug/l
 RT: 1.93 min Scan# 128
 Delta R.T. 0.01 min
 Lab File: VX007766.D
 Acq: 28 Feb 2019 15:05

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 ClientSampleId :
 VX0228WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.6	52.6	79.0

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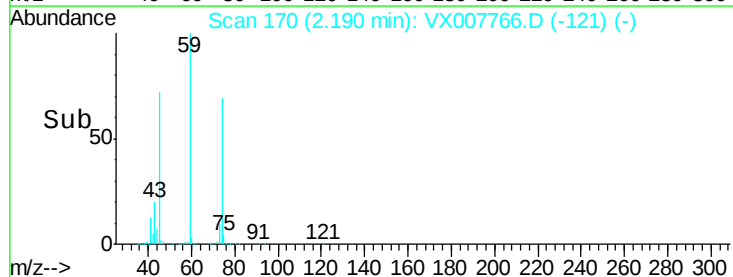
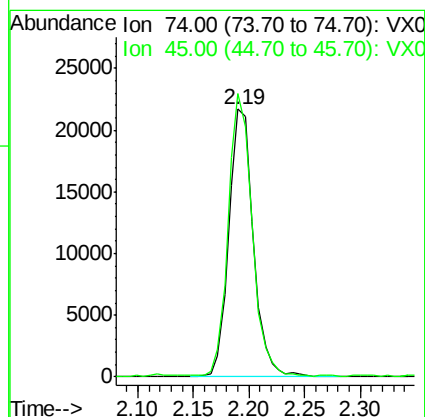
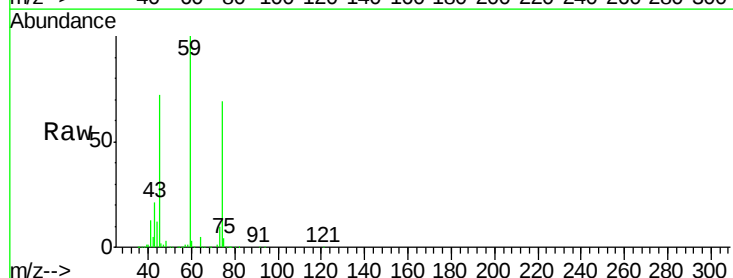
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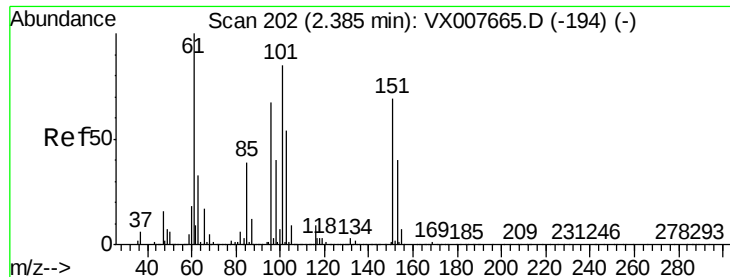


#8

Diethyl Ether
 Concen: 16.703 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX007766.D
 Acq: 28 Feb 2019 15:05

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.1	45.7	137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 15.613 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX007766.D

Acq: 28 Feb 2019 15:05

Instrument :

MSVOA_X

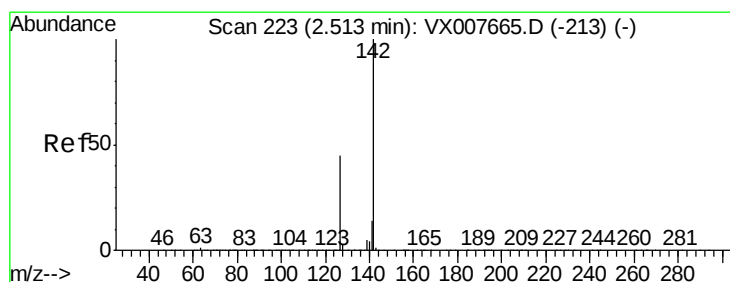
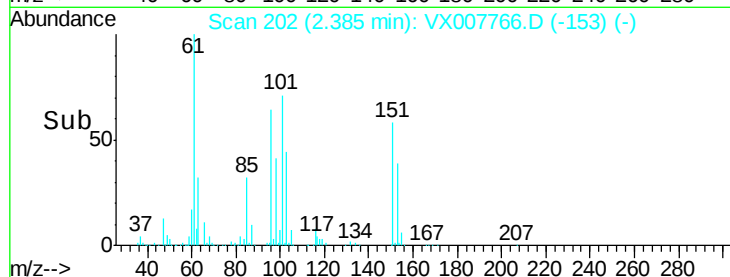
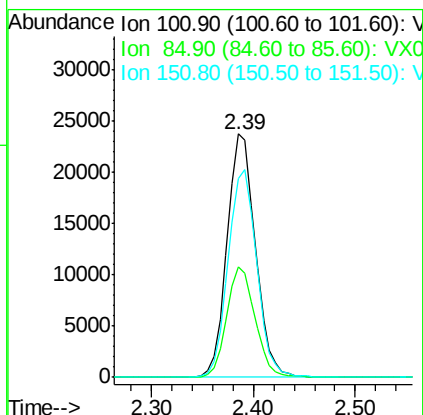
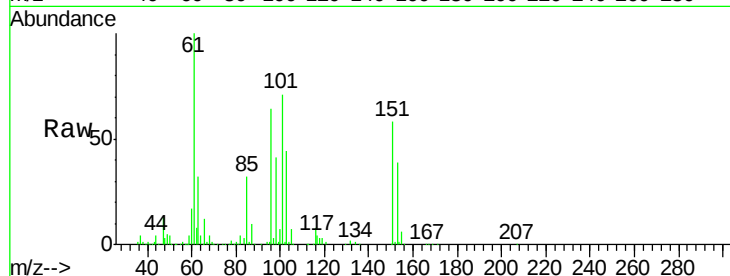
ClientSampleId :

VX0228WBSD01

Tot Ion:	101	Resp:	45698
Ion Ratio	Lower	Upper	
101	100		
85	45.2	34.1	51.1
151	86.1	69.9	104.9

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#10

Methyl Iodide

Concen: 18.745 ug/l

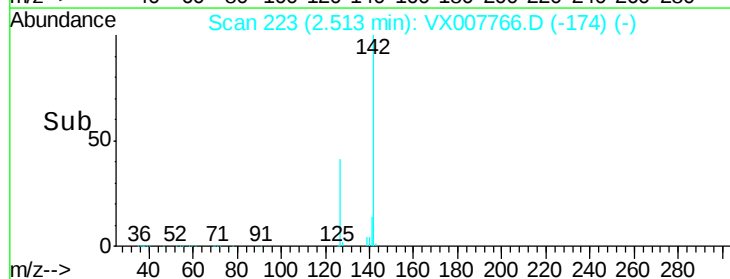
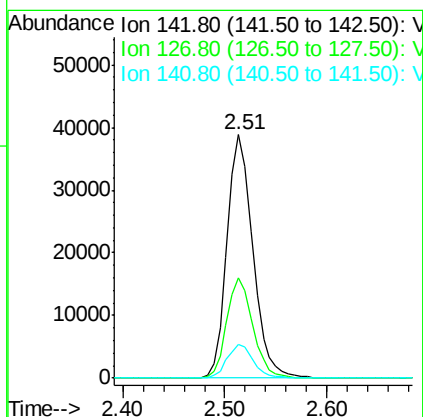
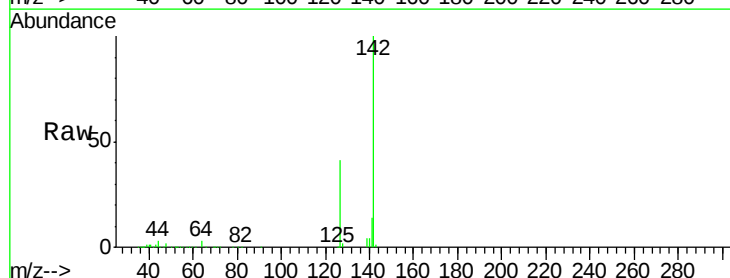
RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX007766.D

Acq: 28 Feb 2019 15:05

Tgt Ion:	142	Resp:	68318
Ion Ratio	Lower	Upper	
142	100		
127	41.7	33.7	50.5
141	13.9	11.3	16.9





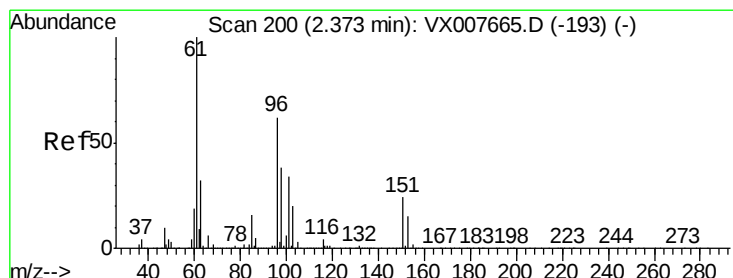
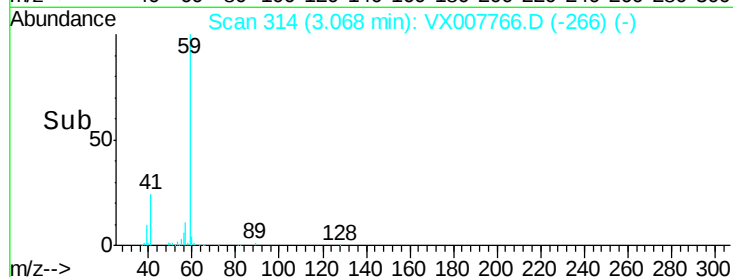
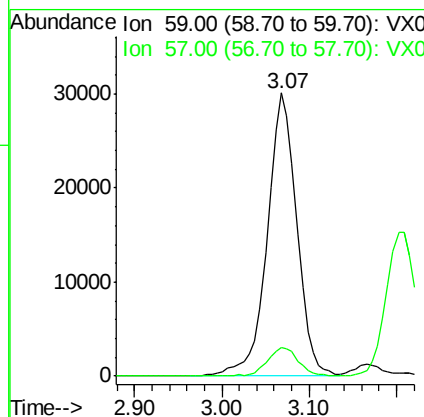
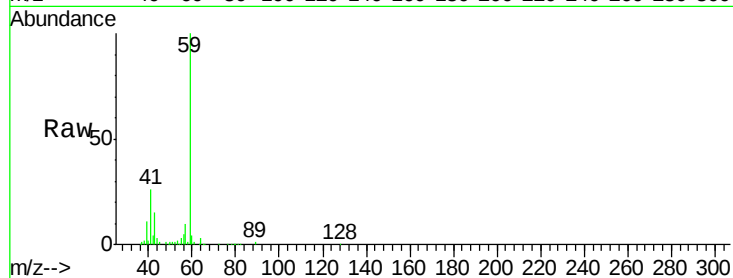
#11
Tert butyl alcohol
Concen: 99.847 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX007766.D
Acq: 28 Feb 2019 15:05

Instrument :
MSVOA_X
ClientSampled :
VX0228WBSD01

Tot Ion: 59 Resp: 70778
Ion Ratio Lower Upper
59 100
57 10.5 8.1 12.1

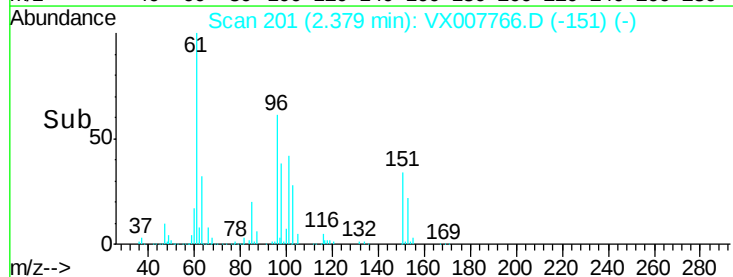
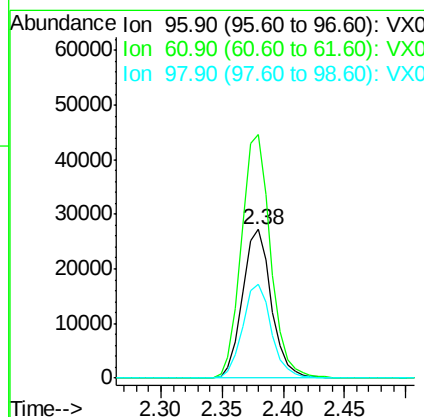
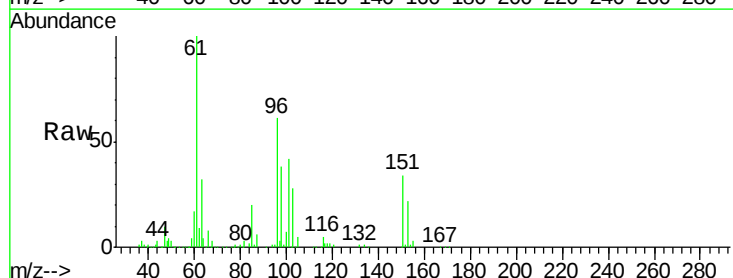
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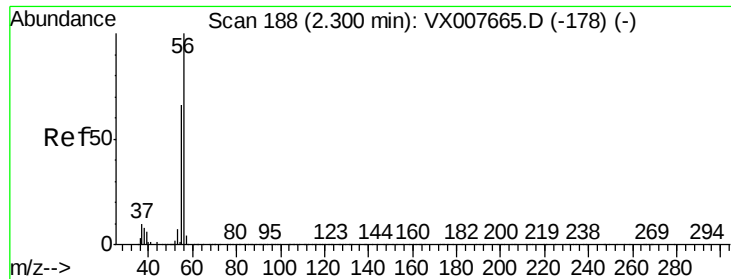
MMDadoda
3/1/2019 10:04:14 AM



#12
1,1-Dichloroethene
Concen: 16.941 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX007766.D
Acq: 28 Feb 2019 15:05

Tgt Ion: 96 Resp: 44696
Ion Ratio Lower Upper
96 100
61 163.9 123.0 184.4
98 62.9 50.9 76.3





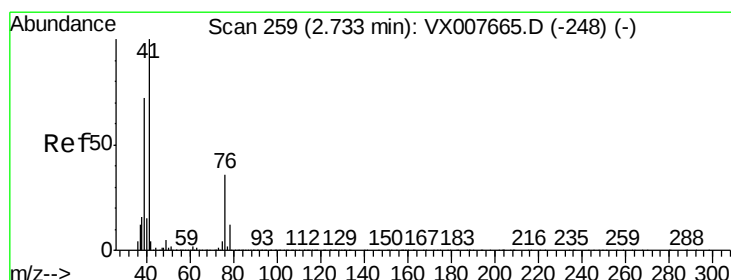
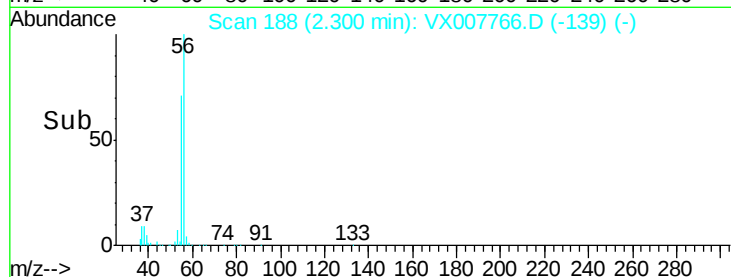
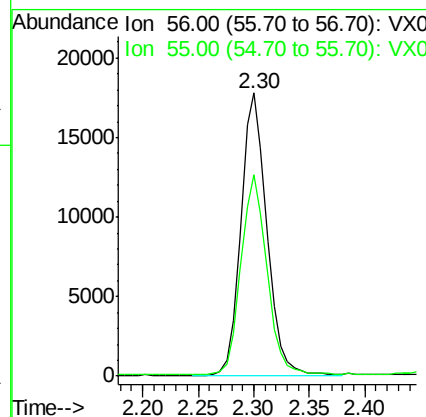
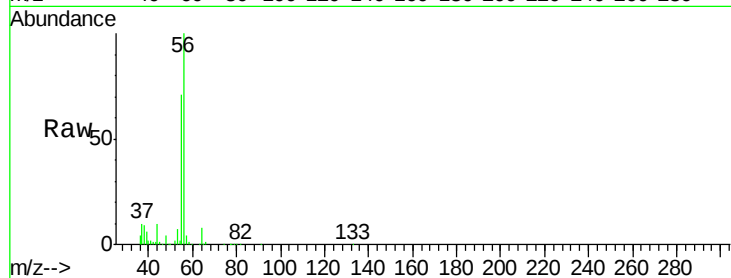
#13
Acrolein
Concen: 45.776 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.00 min
Lab File: VX007766.D
Acq: 28 Feb 2019 15:05

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
55	70.8	56.9	85.3

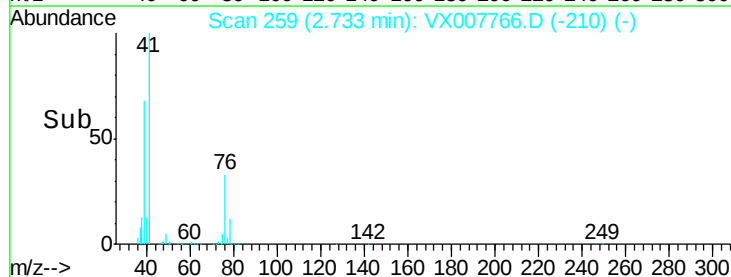
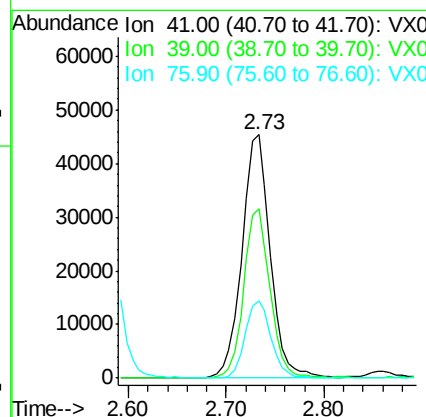
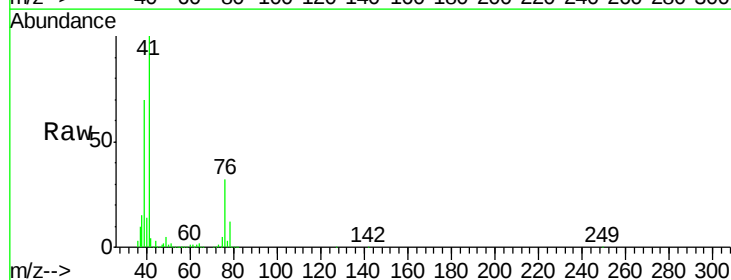
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#14
Allyl chloride
Concen: 18.580 ug/l
RT: 2.73 min Scan# 259
Delta R.T. 0.00 min
Lab File: VX007766.D
Acq: 28 Feb 2019 15:05

Tgt Ion	Ratio	Lower	Upper
41	100		
39	64.2	54.1	81.1
76	29.4	27.8	41.8





#15

Acrylonitrile

Concen: 94.699 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX007766.D

Acq: 28 Feb 2019 15:05

Instrument :

MSVOA_X

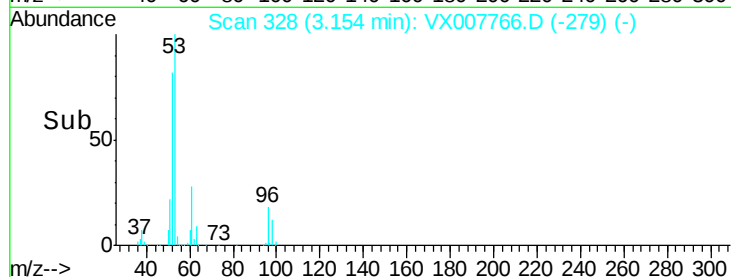
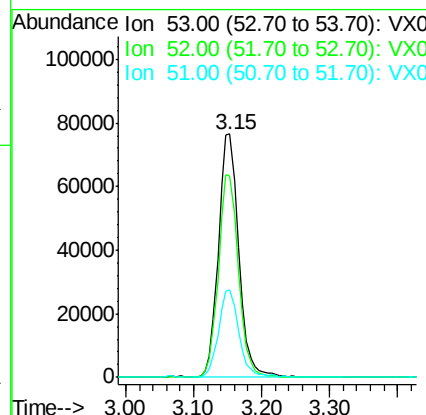
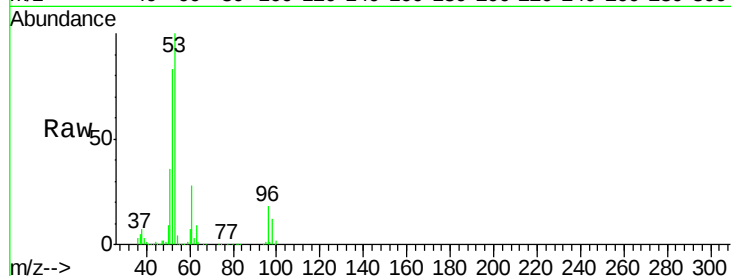
ClientSampled :

VX0228WBSD01

Tot Ion:	53	Resp:	157975
Ion Ratio		Lower	Upper
53	100		
52	82.4	66.4	99.6
51	36.0	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 86.302 ug/l

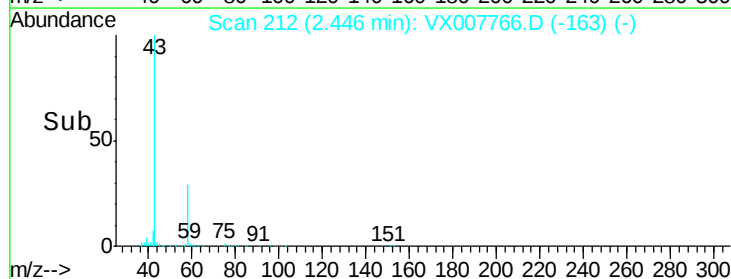
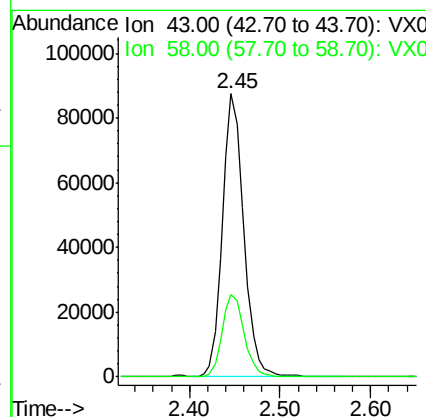
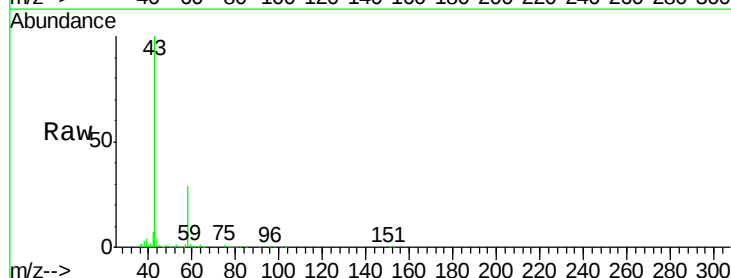
RT: 2.45 min Scan# 212

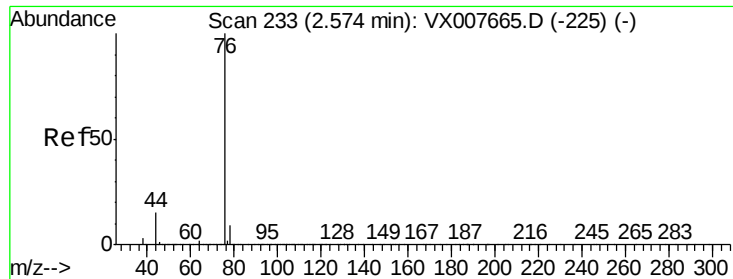
Delta R.T. 0.00 min

Lab File: VX007766.D

Acq: 28 Feb 2019 15:05

Tgt Ion:	43	Resp:	143386
Ion Ratio		Lower	Upper
43	100		
58	29.0	24.9	37.3





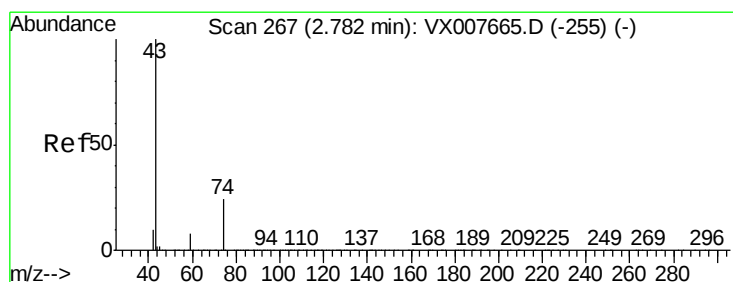
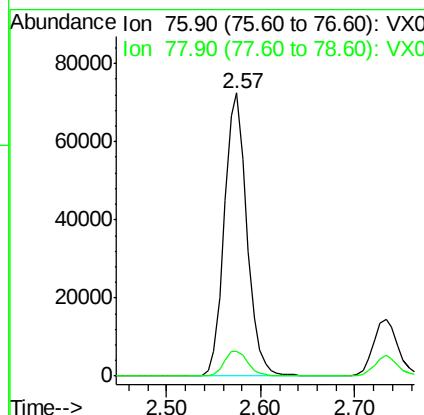
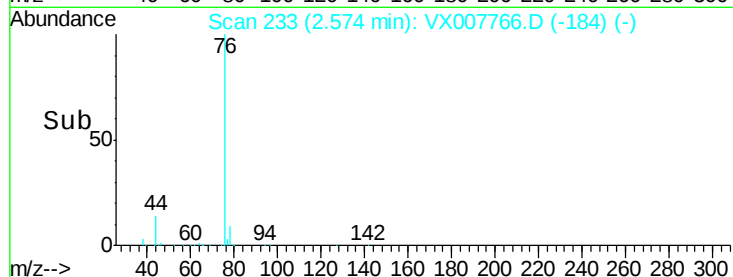
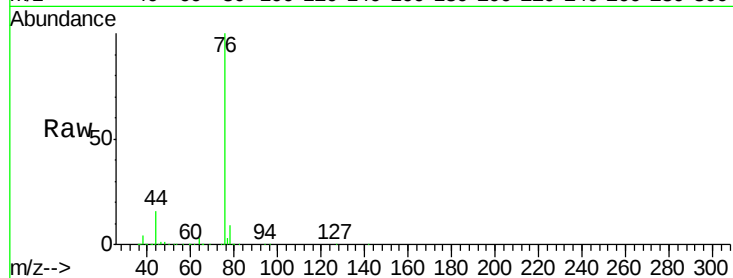
#17
Carbon Disulfide
Concen: 16.378 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.00 min
Lab File: VX007766.D
Acq: 28 Feb 2019 15:05

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.1	10.7

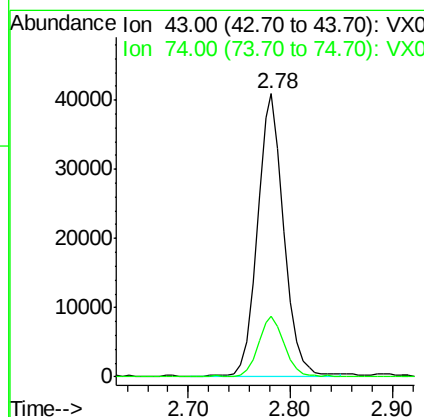
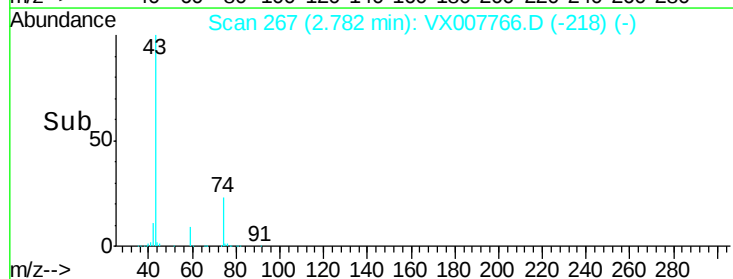
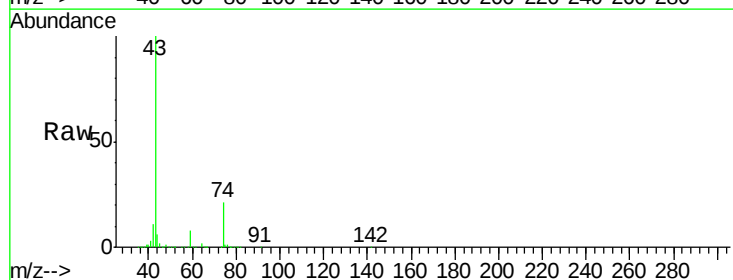
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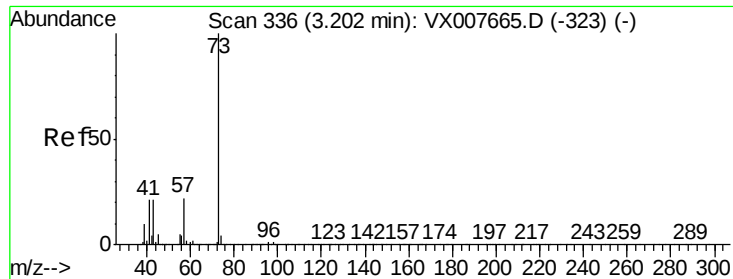
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#18
Methyl Acetate
Concen: 20.104 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX007766.D
Acq: 28 Feb 2019 15:05

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.1	19.4	29.2





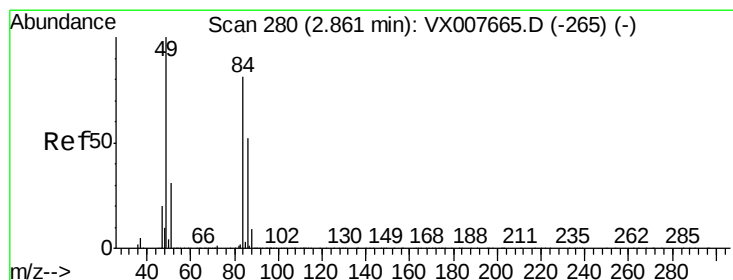
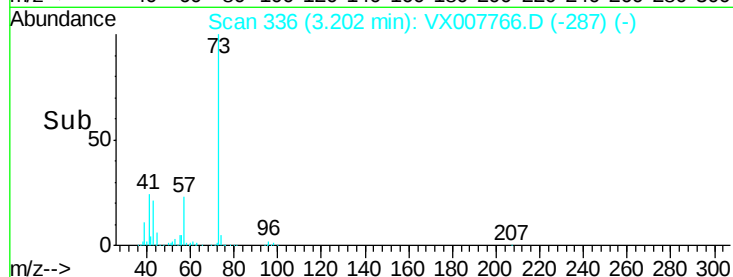
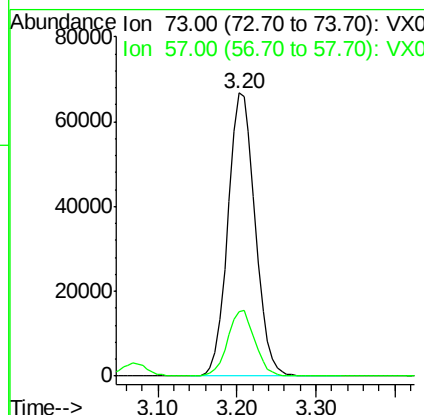
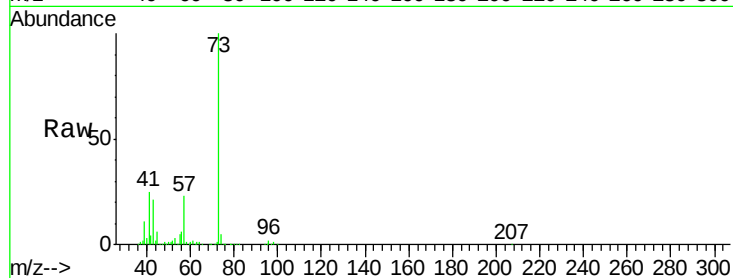
#19
Methvl tert-butvl Ether
Concen: 17.447 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX007766.D
Acq: 28 Feb 2019 15:05

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.8	17.8	26.8

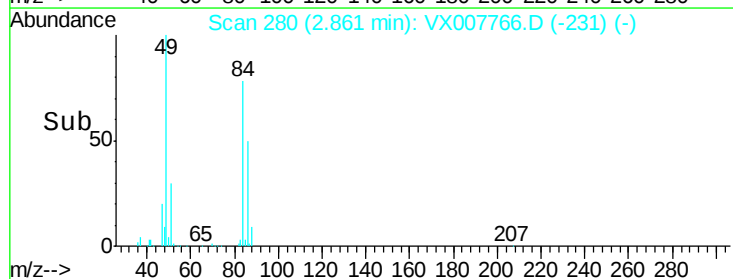
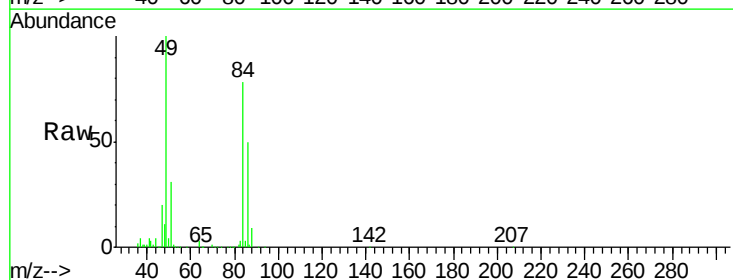
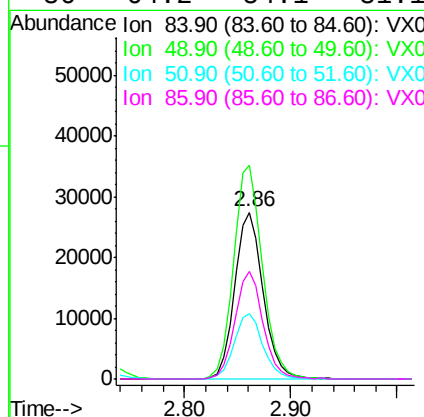
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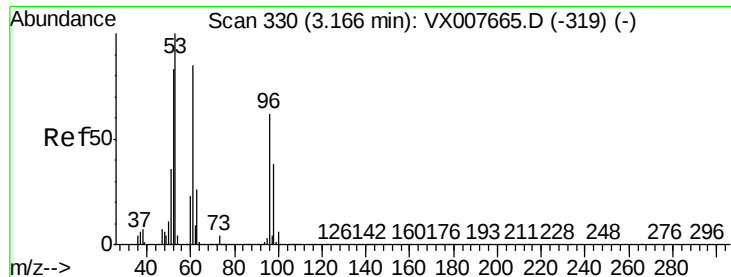
MMDadoda
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#20
Methylene Chloride
Concen: 16.801 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007766.D
Acq: 28 Feb 2019 15:05

Tgt Ion	Ratio	Lower	Upper
84	100		
49	127.9	94.8	142.2
51	38.9	29.8	44.8
86	64.2	54.1	81.1





#21

trans-1,2-Dichloroethene

Concen: 16.478 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX007766.D

Acq: 28 Feb 2019 15:05

Instrument :

MSVOA_X

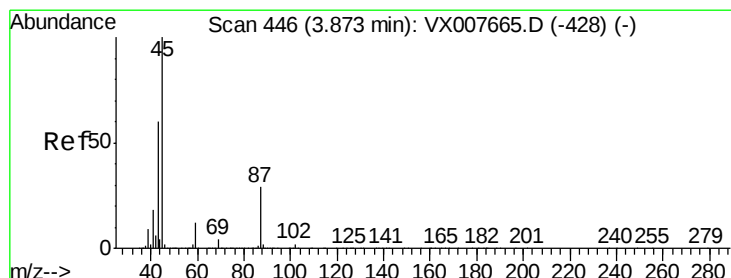
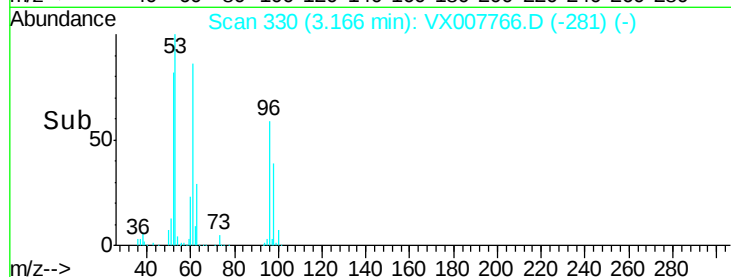
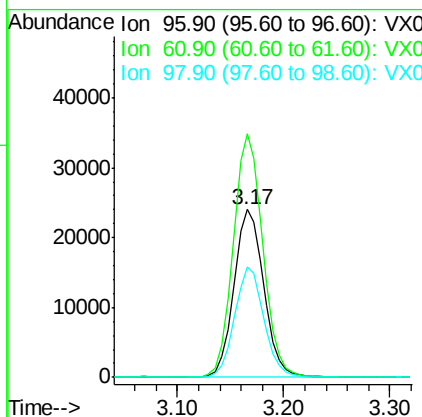
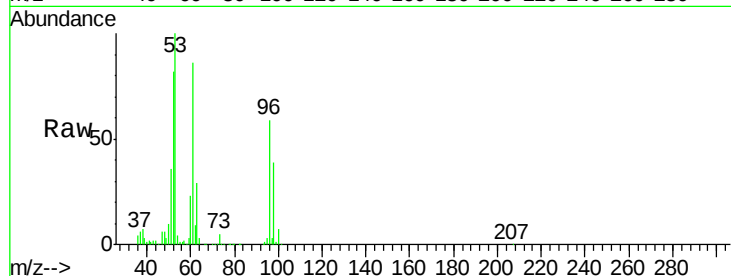
ClientSampleId :

VX0228WBSD01

Tot Ion:	96	Resp:	47263
Ion	Ratio	Lower	Upper
96	100		
61	145.2	104.6	156.8
98	65.9	51.0	76.4

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#22

Diisopropyl ether

Concen: 18.464 ug/l

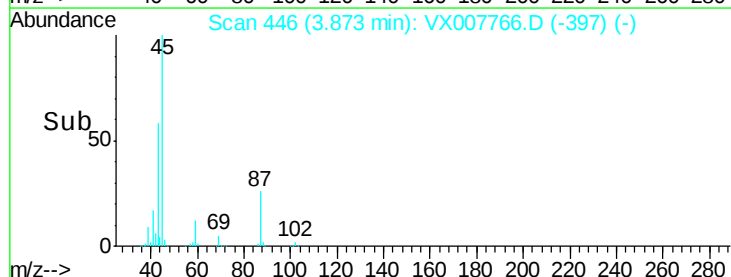
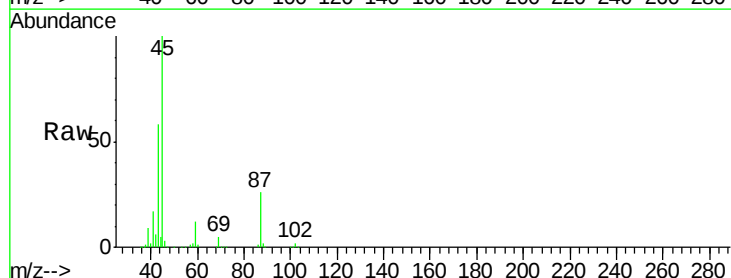
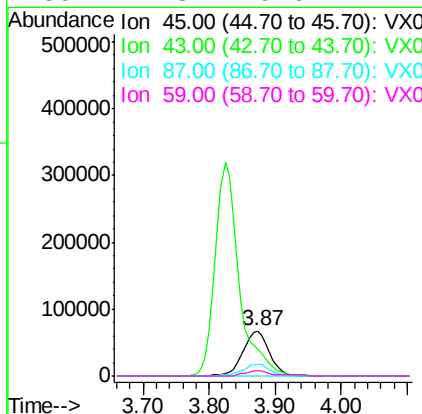
RT: 3.87 min Scan# 446

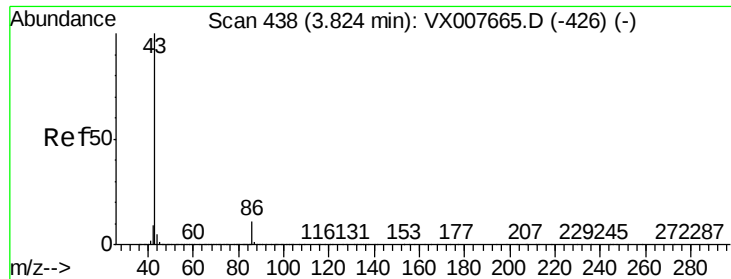
Delta R.T. 0.00 min

Lab File: VX007766.D

Acq: 28 Feb 2019 15:05

Tgt Ion:	45	Resp:	187501
Ion	Ratio	Lower	Upper
45	100		
43	58.1	48.9	73.3
87	25.8	23.9	35.9
59	11.8	9.6	14.4





#23

Vinyl Acetate

Concen: 90.308 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX007766.D

Acq: 28 Feb 2019 15:05

Instrument :

MSVOA_X

ClientSampled :

VX0228WBSD01

Tot Ion: 43 Resp: 804624

Ion Ratio Lower Upper

43 100

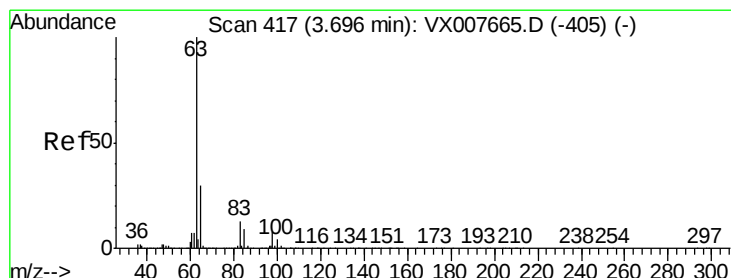
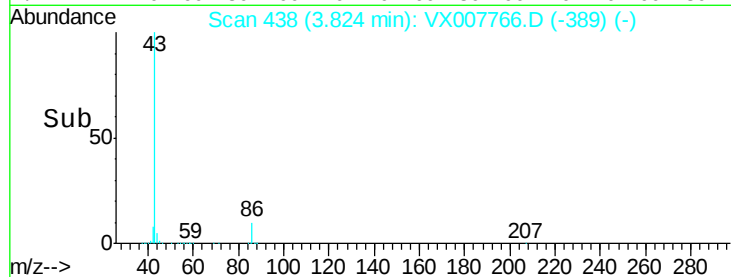
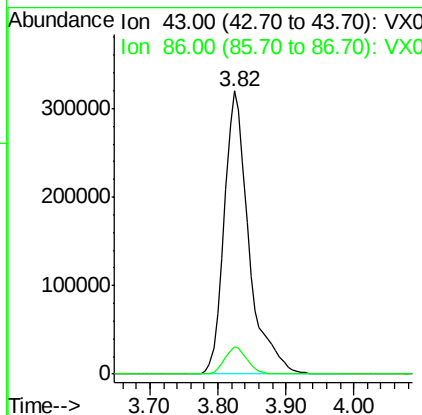
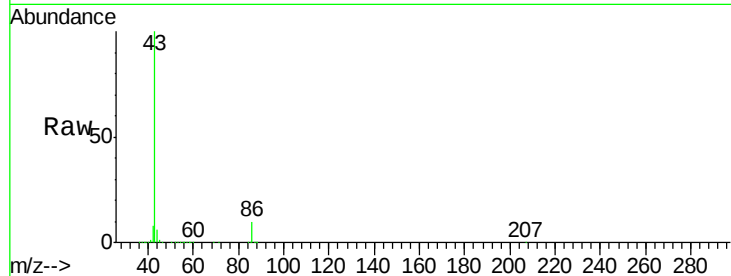
86 9.8 8.7 13.1

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#24

1,1-Dichloroethane

Concen: 17.842 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX007766.D

Acq: 28 Feb 2019 15:05

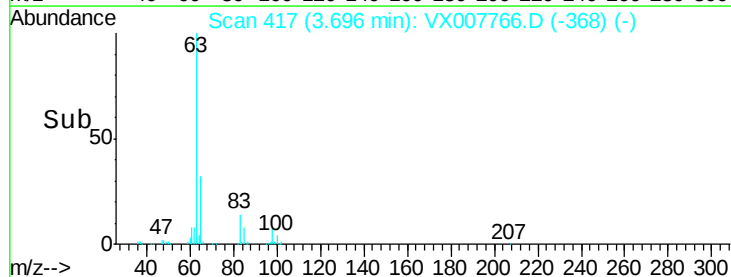
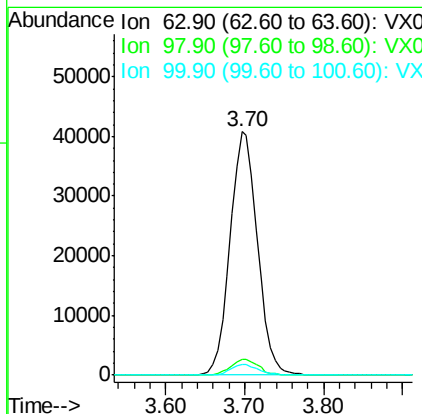
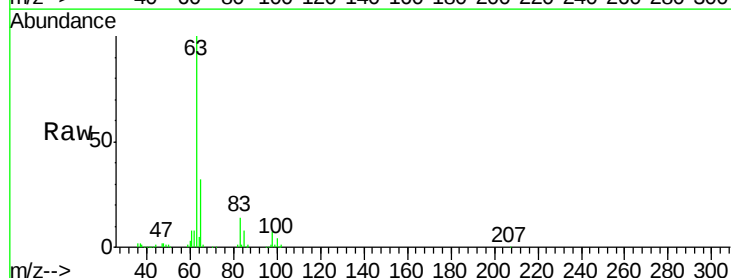
Tgt Ion: 63 Resp: 98470

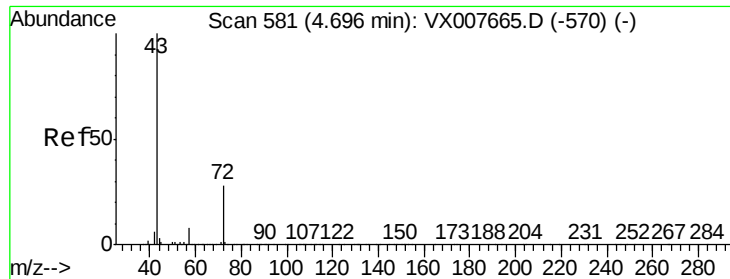
Ion Ratio Lower Upper

63 100

98 6.5 3.6 10.8

100 4.3 2.5 7.4





#25

2-Butanone

Concen: 95.011 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX007766.D

Acq: 28 Feb 2019 15:05

Tot Ion: 43 Resp: 240455

Ion Ratio Lower Upper

43 100

72 24.9 22.2 33.2

Instrument :

MSVOA_X

ClientSampleId :

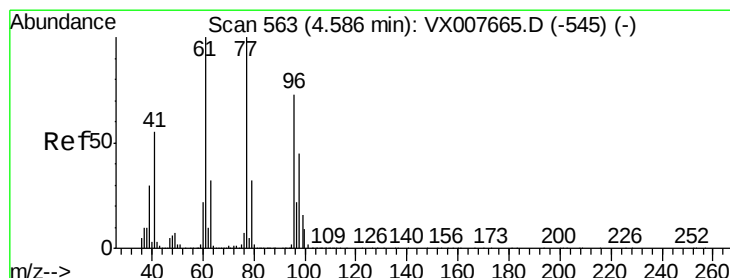
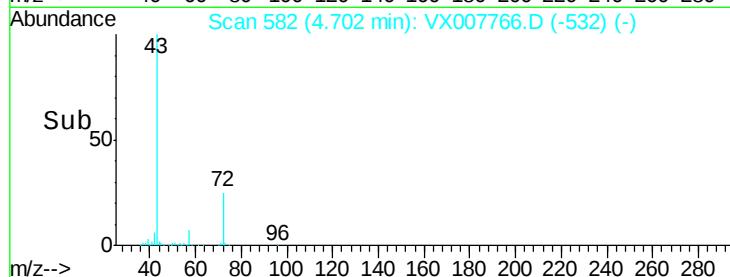
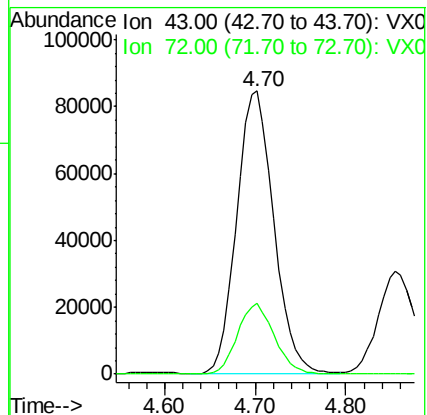
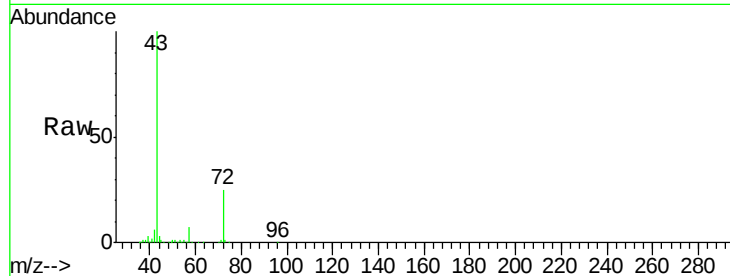
VX0228WBSD01

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#26

2,2-Dichloropropane

Concen: 14.753 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX007766.D

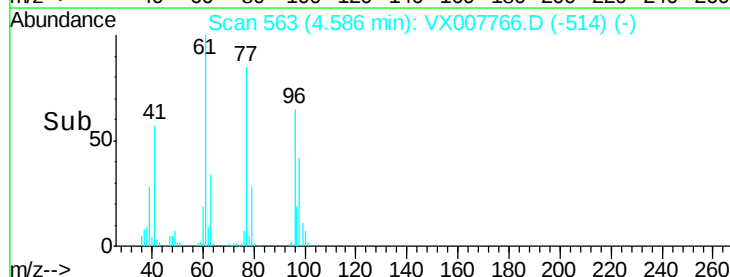
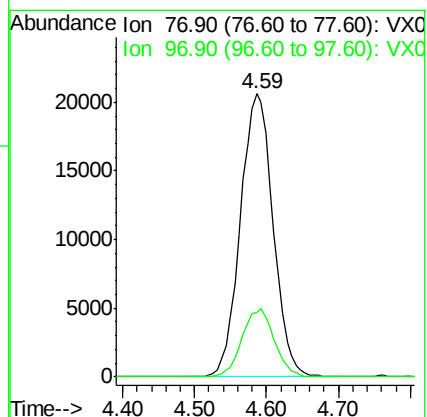
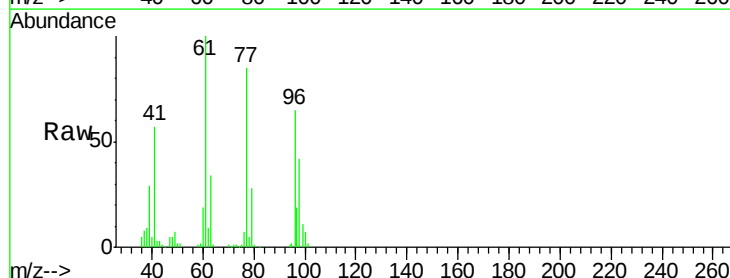
Acq: 28 Feb 2019 15:05

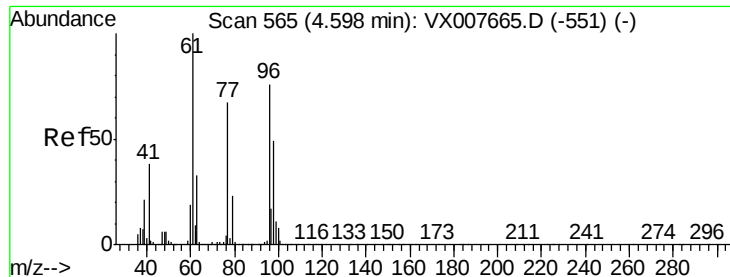
Tgt Ion: 77 Resp: 64997

Ion Ratio Lower Upper

77 100

97 23.8 12.1 36.3





#27

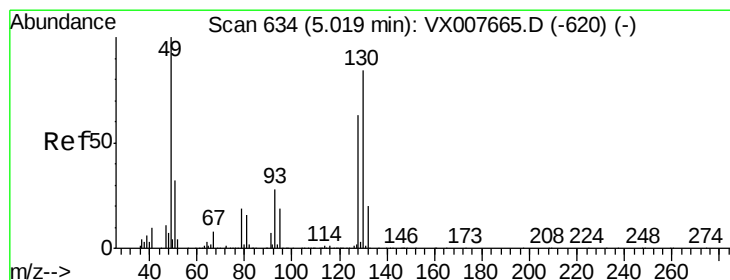
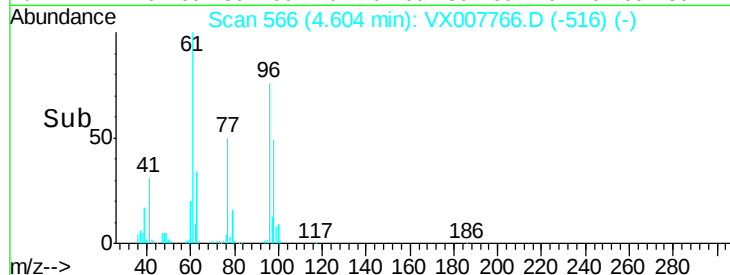
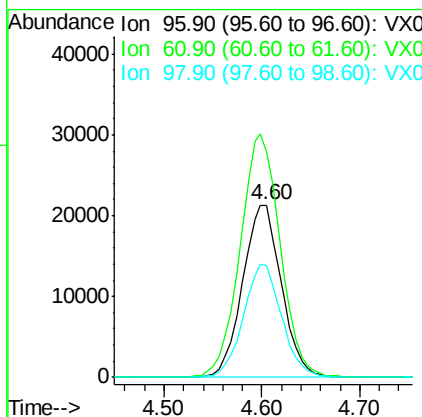
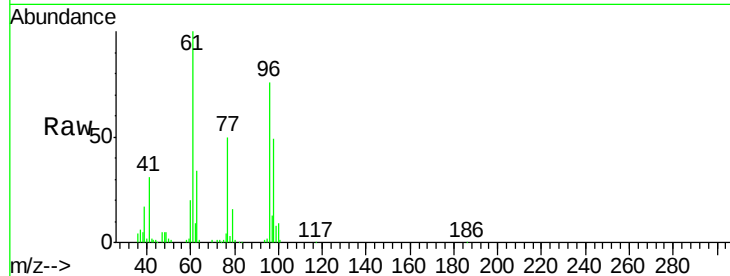
cis-1,2-Dichloroethene
Concen: 16.112 ug/l
RT: 4.60 min Scan# 566
Delta R.T. 0.01 min
Lab File: VX007766.D
Acq: 28 Feb 2019 15:05

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	58801		
61	146.0		0.0	265.6
98	64.6		0.0	131.6

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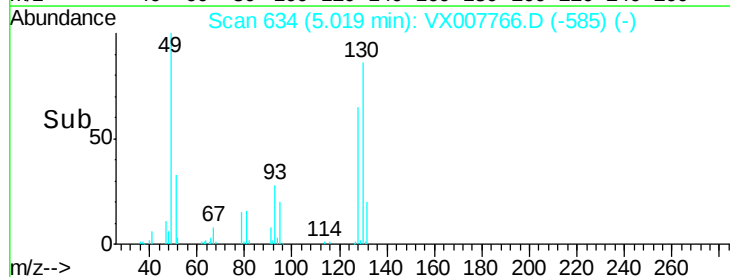
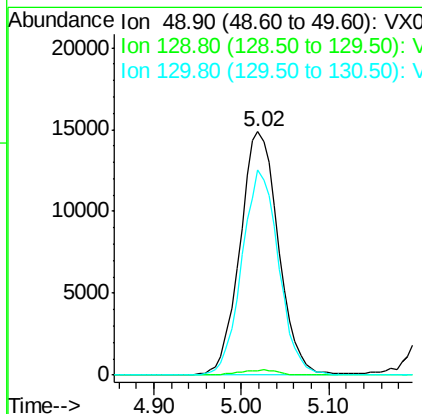
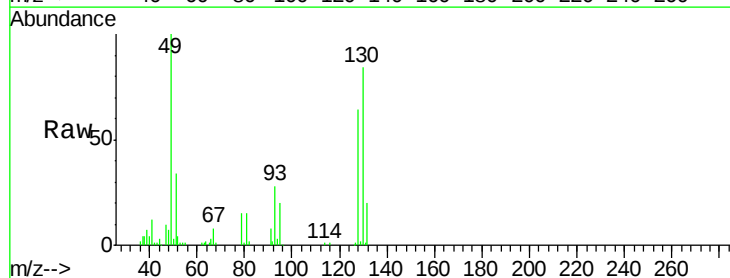
MMDadoda
3/1/2019 10:04:14 AM

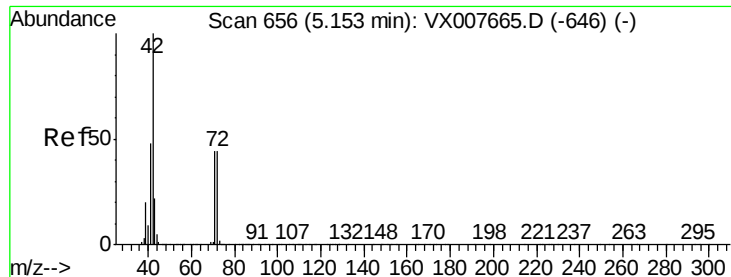


#28

Bromochloromethane
Concen: 16.897 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX007766.D
Acq: 28 Feb 2019 15:05

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	45400		
129	2.0		0.0	5.6
130	80.7		75.6	113.4





#29

Tetrahydrofuran

Concen: 93.861 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX007766.D

Acq: 28 Feb 2019 15:05

Instrument :

MSVOA_X

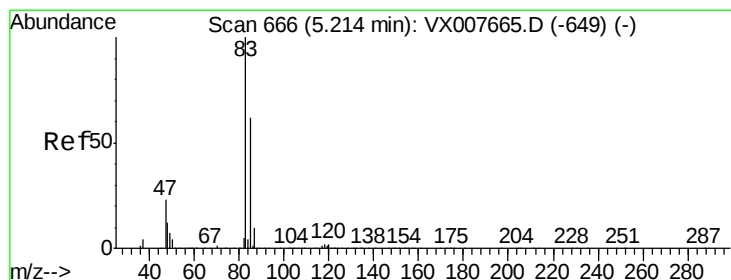
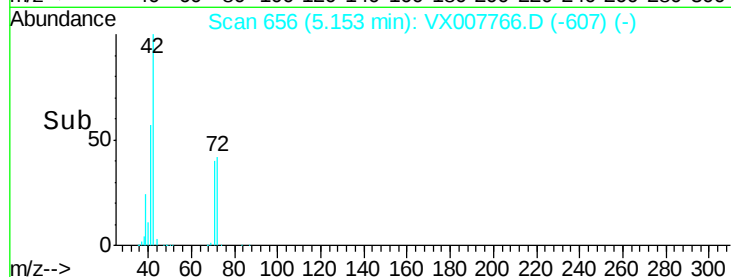
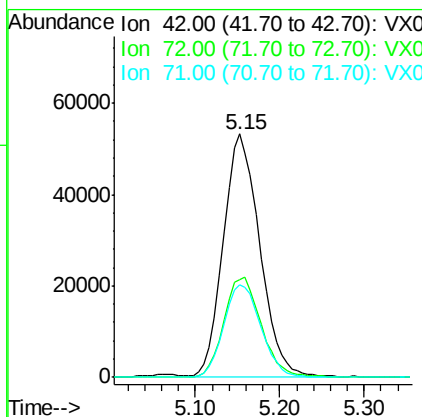
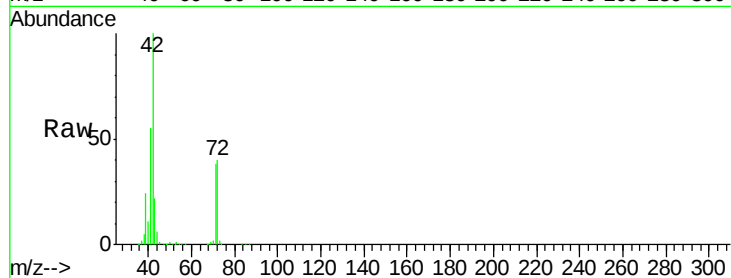
ClientSampled :

VX0228WBSD01

Tot Ion:	42	Resp:	156583
Ion Ratio		Lower	Upper
42	100		
72	42.4	37.6	56.4
71	39.2	34.6	51.8

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#30

Chloroform

Concen: 16.725 ug/l

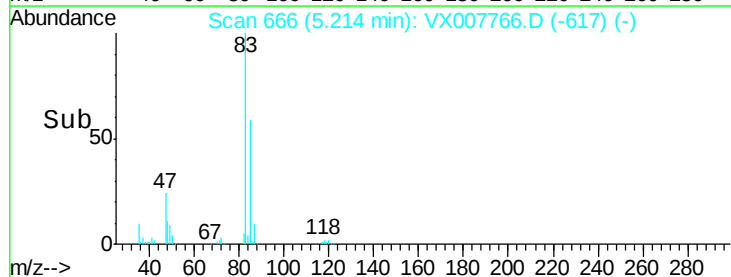
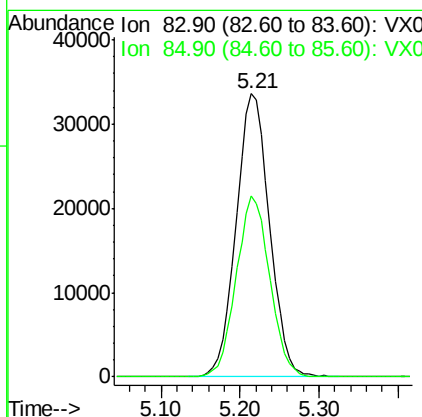
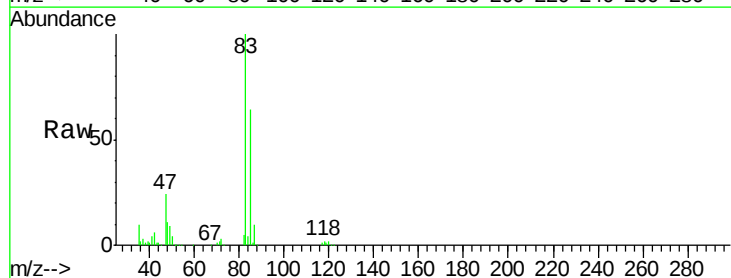
RT: 5.21 min Scan# 666

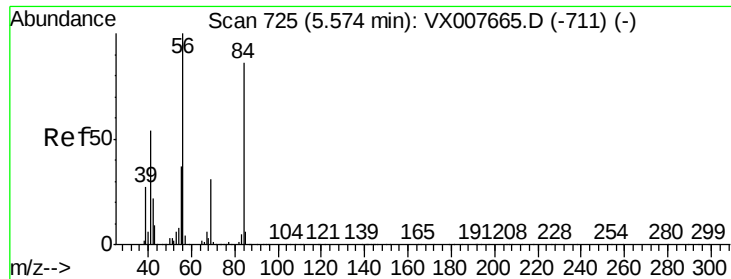
Delta R.T. 0.00 min

Lab File: VX007766.D

Acq: 28 Feb 2019 15:05

Tgt Ion:	83	Resp:	98878
Ion Ratio		Lower	Upper
83	100		
85	64.1	51.6	77.4





#31

Cyclohexane

Concen: 16.764 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX007766.D

Acq: 28 Feb 2019 15:05

Instrument :

MSVOA_X

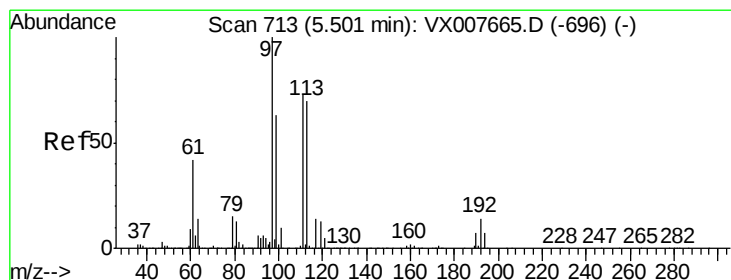
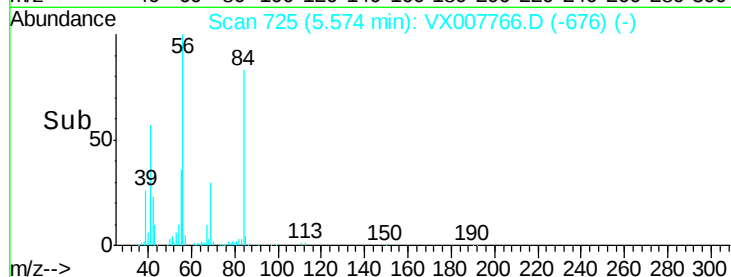
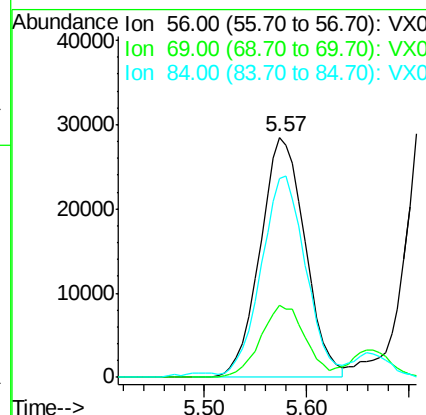
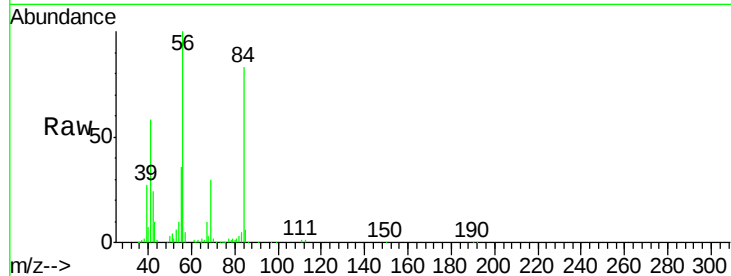
ClientSampleId :

VX0228WBSD01

Tot Ion:	56	Resp:	87030
Ion	Ratio	Lower	Upper
56	100		
69	29.8	23.0	34.6
84	81.2	69.8	104.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 16.828 ug/l

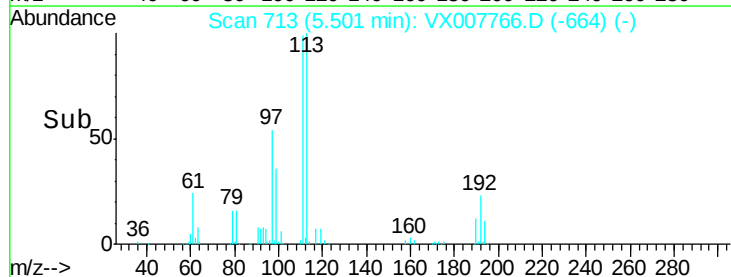
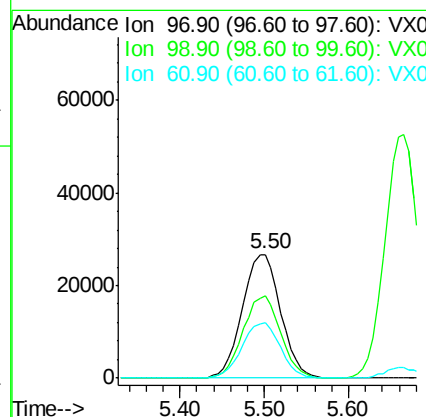
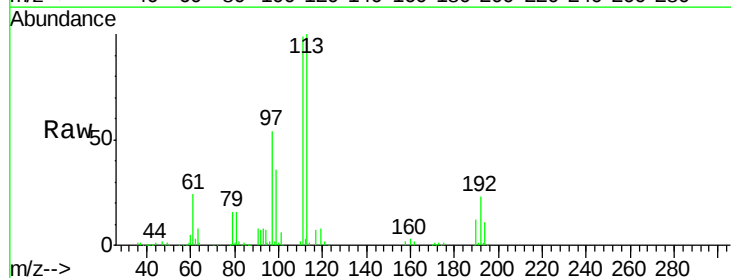
RT: 5.50 min Scan# 713

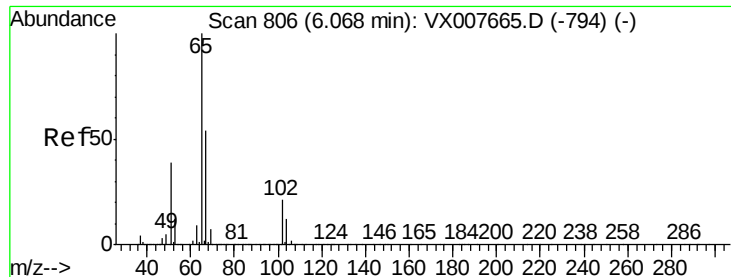
Delta R.T. 0.00 min

Lab File: VX007766.D

Acq: 28 Feb 2019 15:05

Tgt Ion:	97	Resp:	82275
Ion	Ratio	Lower	Upper
97	100		
99	65.2	52.2	78.2
61	45.3	32.7	49.1





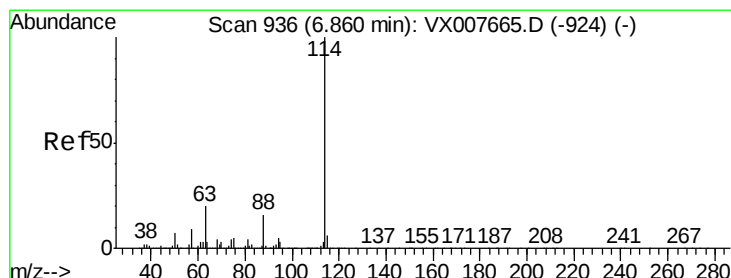
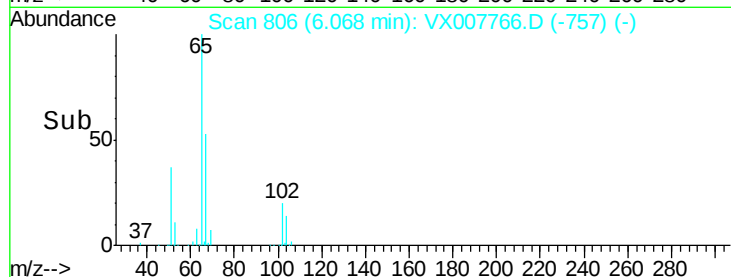
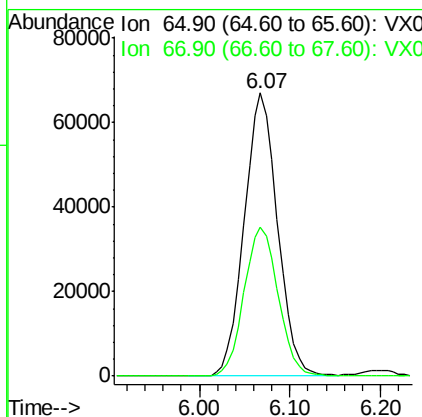
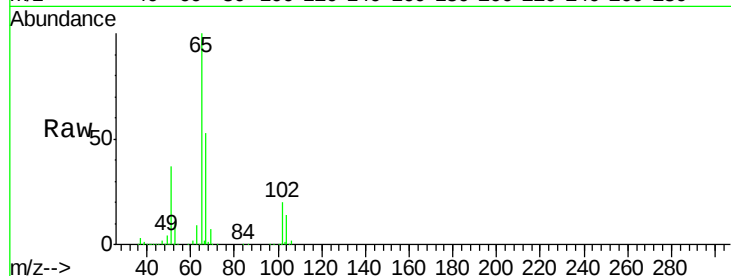
#33
 1,2-Dichloroethane-d4
 Concen: 45.562 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX007766.D
 Acq: 28 Feb 2019 15:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0228WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	170222		
67	54.0	0.0	108.8	

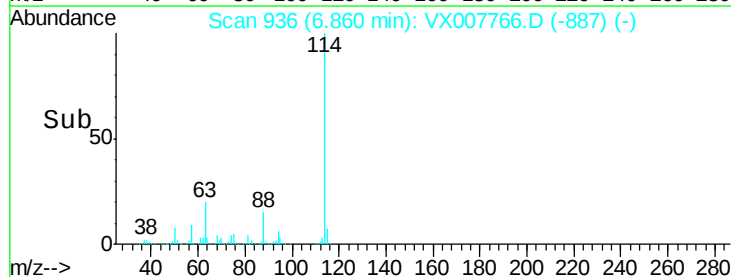
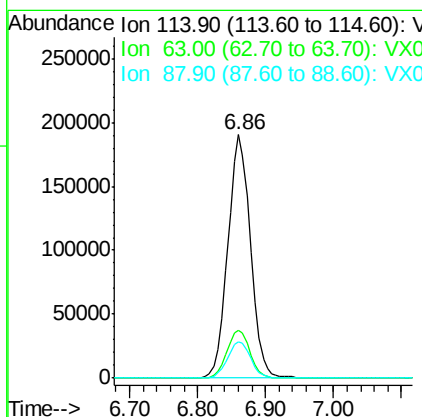
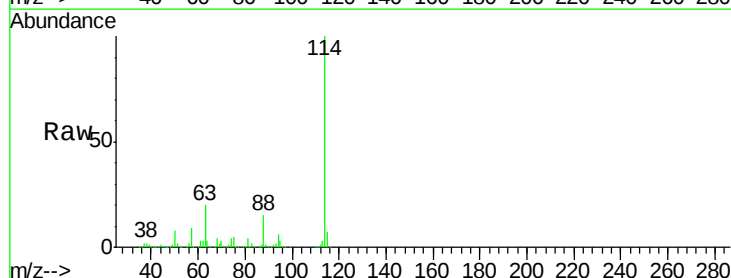
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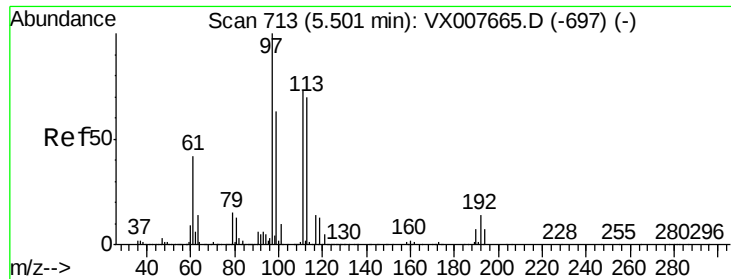
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007766.D
 Acq: 28 Feb 2019 15:05

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	438676		
63	19.9	0.0	35.6	
88	15.0	0.0	29.6	





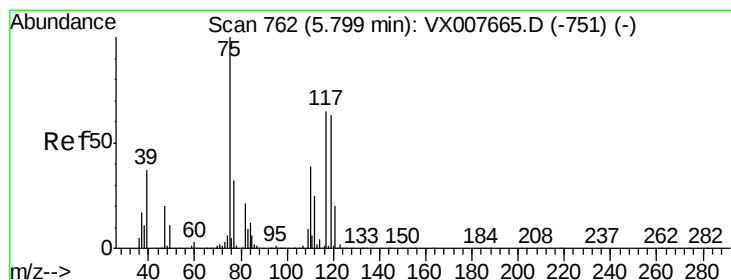
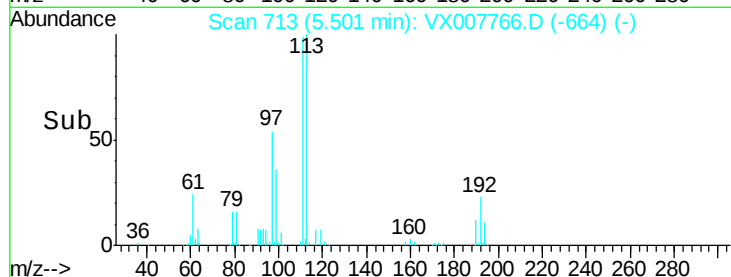
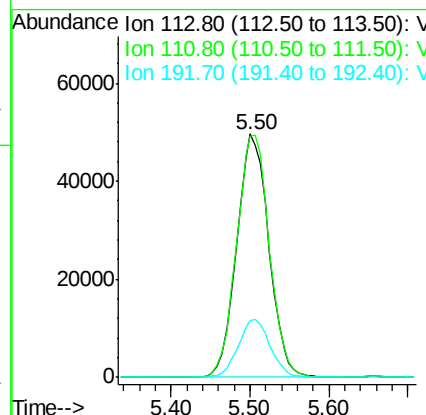
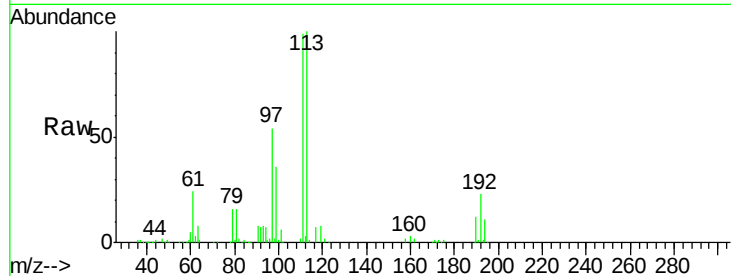
#35
 Dibromofluoromethane
 Concen: 47.822 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX007766.D
 Acq: 28 Feb 2019 15:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0228WBSD01

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.8	122.8
192	23.8	18.5	27.7

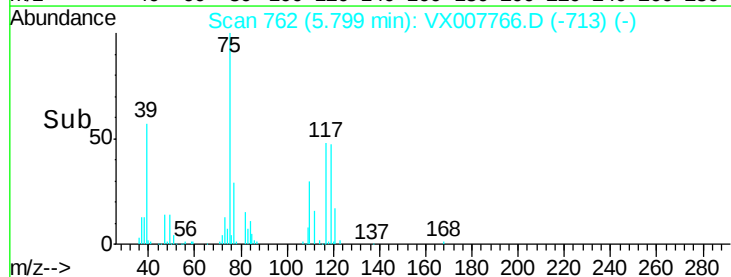
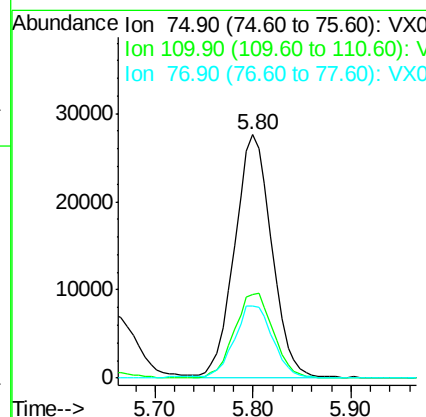
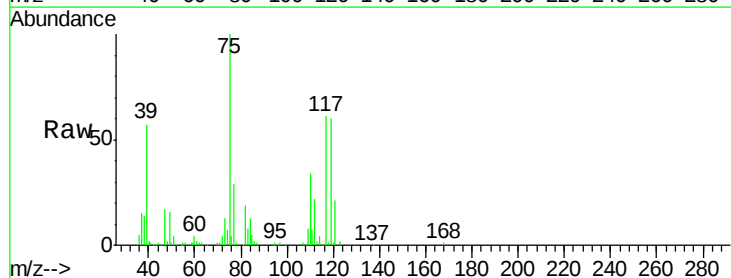
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#36
 1,1-Dichloropropene
 Concen: 18.309 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX007766.D
 Acq: 28 Feb 2019 15:05

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.6	20.0	59.9
77	31.5	24.7	37.1





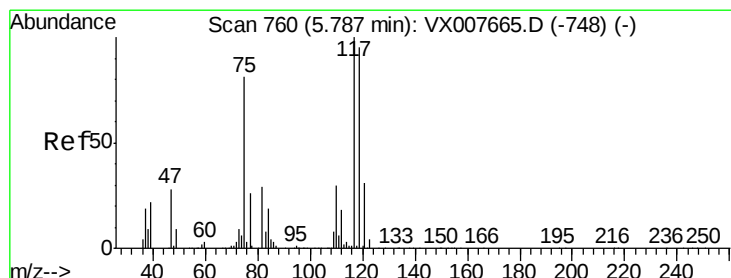
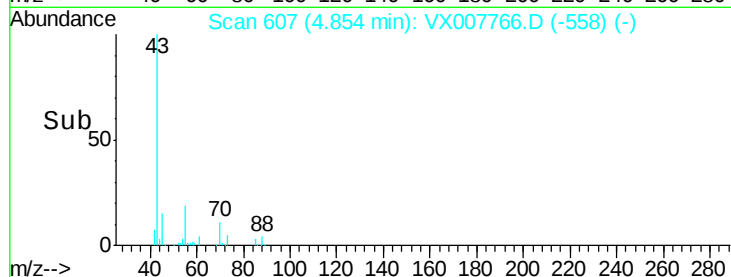
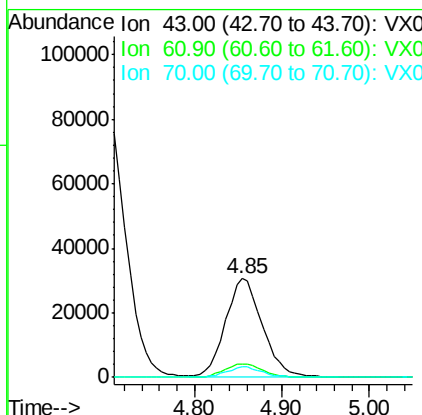
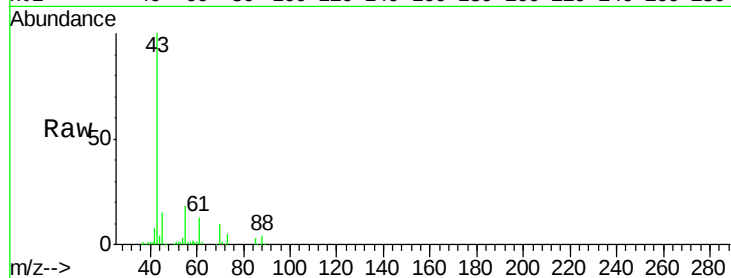
#37
Ethyl Acetate
Concen: 20.213 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX007766.D
Acq: 28 Feb 2019 15:05

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01

Tot Ion:	43	Resp:	88551
Ion	Ratio	Lower	Upper
43	100		
61	14.1	11.3	16.9
70	10.6	8.6	13.0

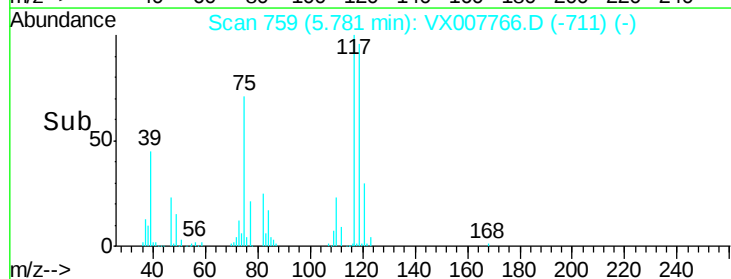
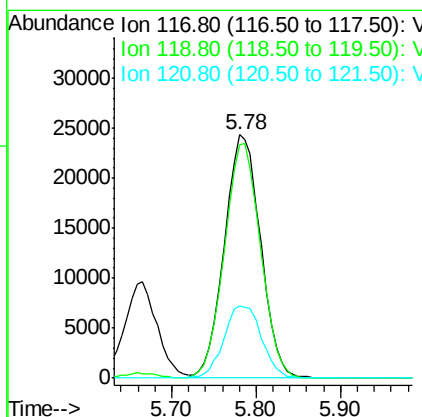
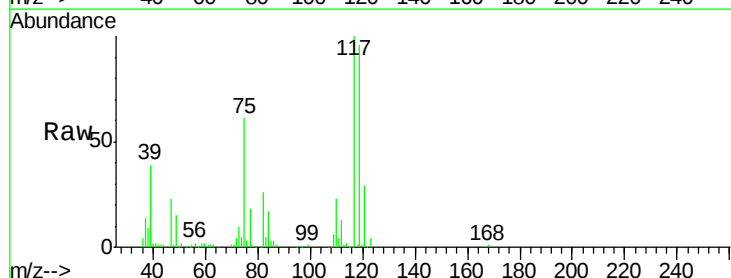
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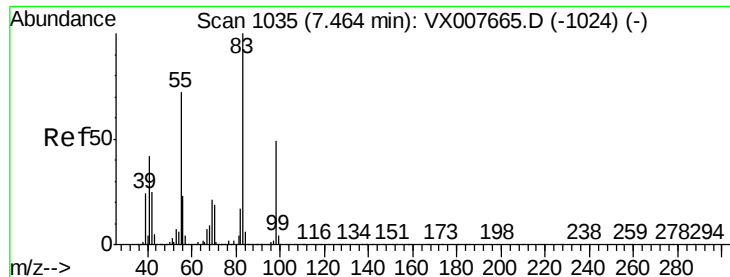
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#38
Carbon Tetrachloride
Concen: 17.944 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX007766.D
Acq: 28 Feb 2019 15:05

Tgt Ion:	117	Resp:	71089
Ion	Ratio	Lower	Upper
117	100		
119	96.0	75.3	112.9
121	29.5	25.0	37.4





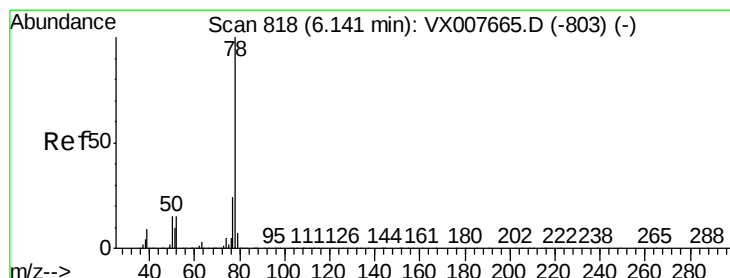
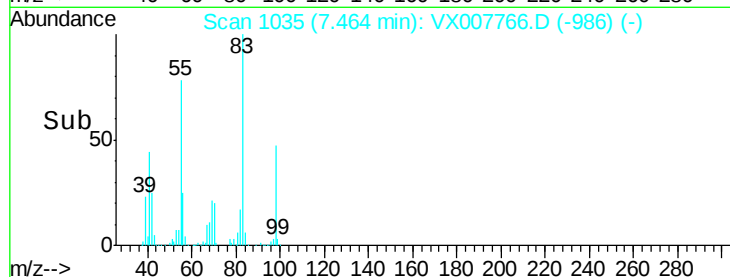
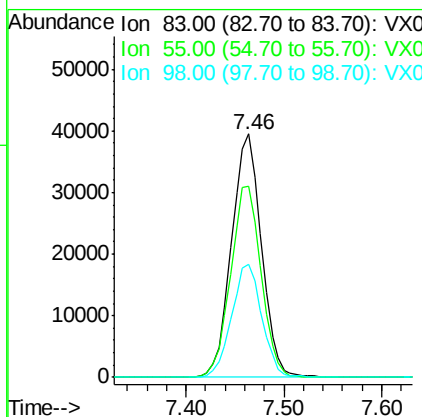
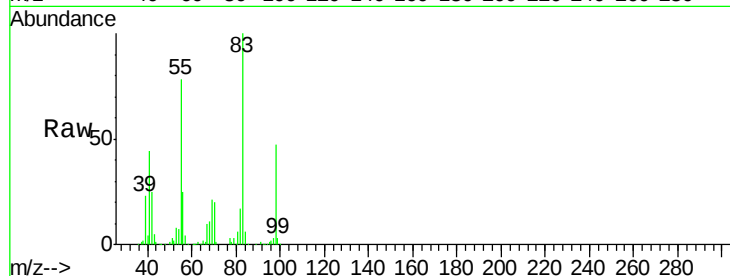
#39
Methvlcvclohexane
Concen: 16.831 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX007766.D
Acq: 28 Feb 2019 15:05

Instrument :
MSVOA_X
ClientSampled :
VX0228WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.4	56.2	84.2
98	46.7	36.8	55.2

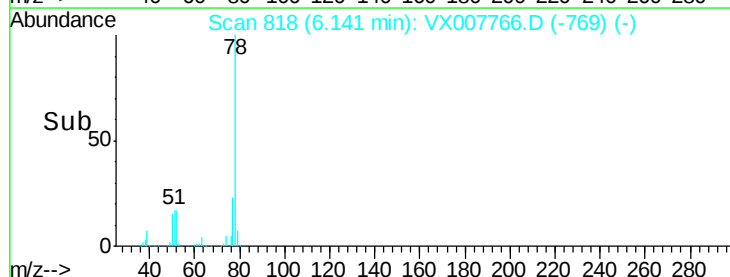
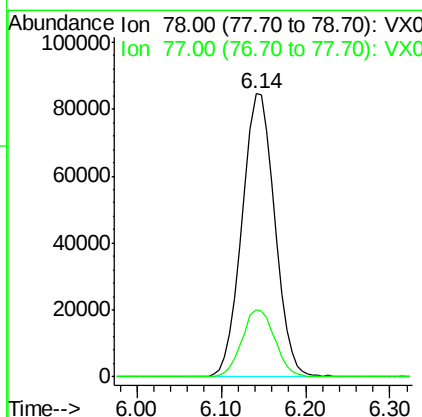
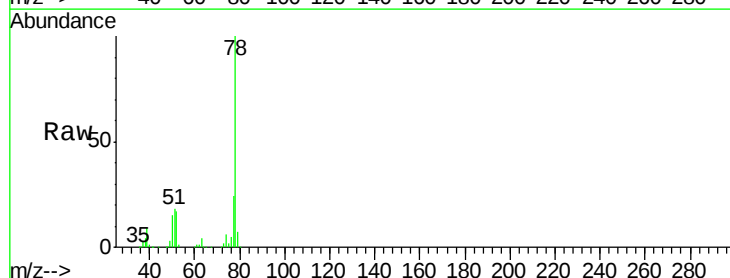
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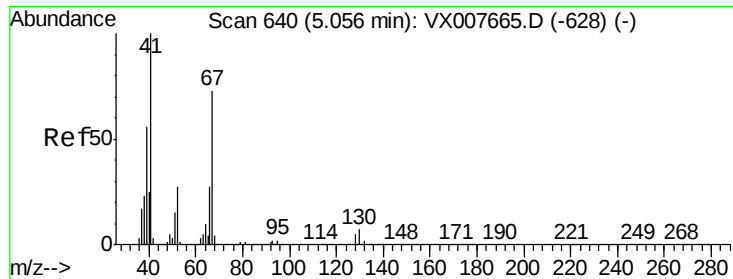
MMDadoda
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#40
Benzene
Concen: 18.331 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX007766.D
Acq: 28 Feb 2019 15:05

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.3	28.9





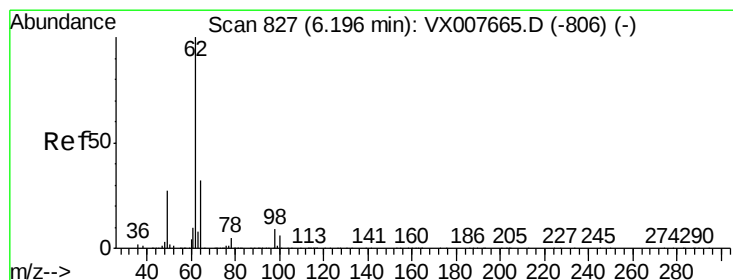
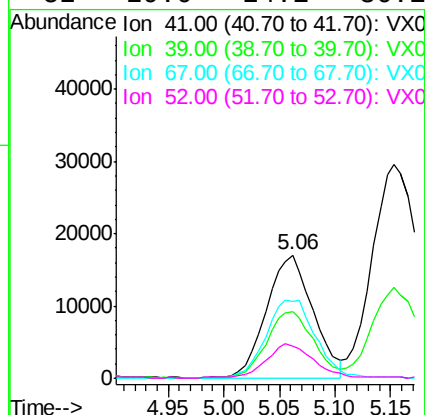
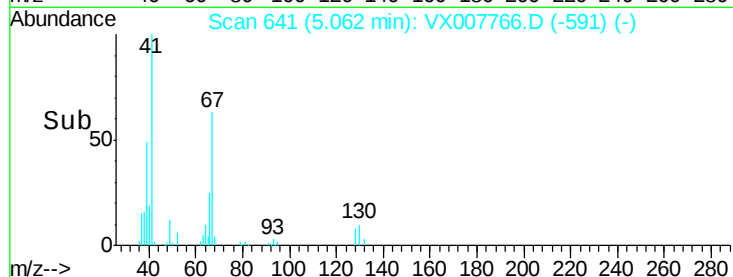
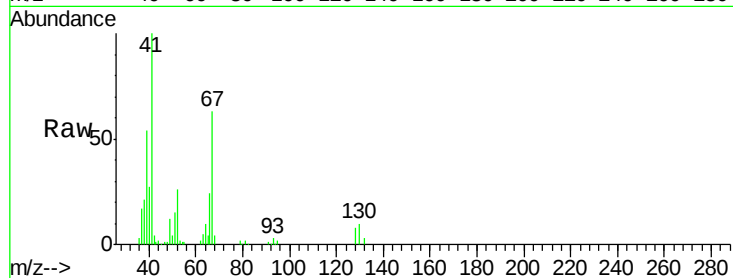
#41
Methacrylonitrile
Concen: 21.127 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.01 min
Lab File: VX007766.D
Acq: 28 Feb 2019 15:05

Instrument :
MSVOA_X
ClientSampled :
VX0228WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.5	44.5	66.7	
67	68.7	60.4	90.6	
52	29.0	24.1	36.1	

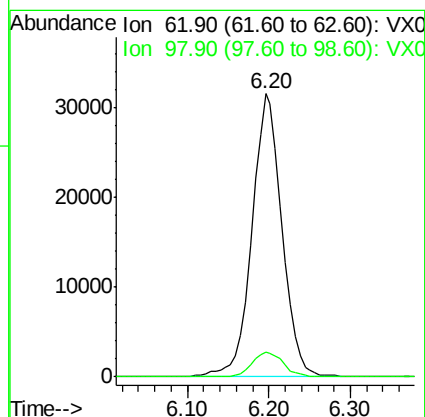
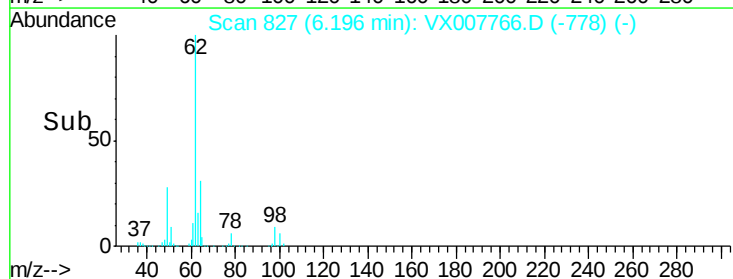
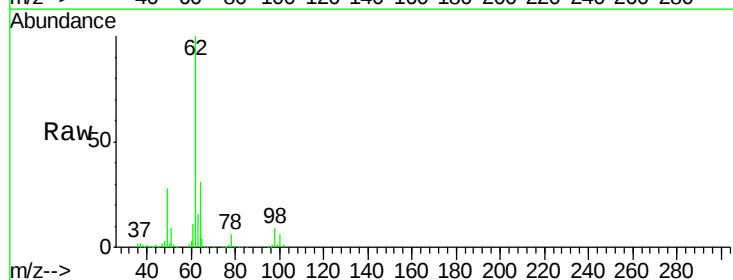
Manual Integrations
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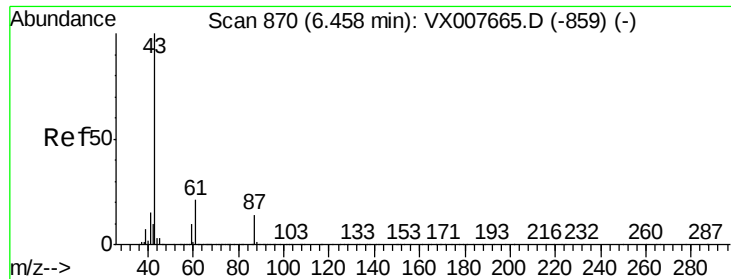
MMDadoda
3/1/2019 10:04:14 AM



#42
1,2-Dichloroethane
Concen: 19.598 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX007766.D
Acq: 28 Feb 2019 15:05

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.2	0.0	19.0	





#43

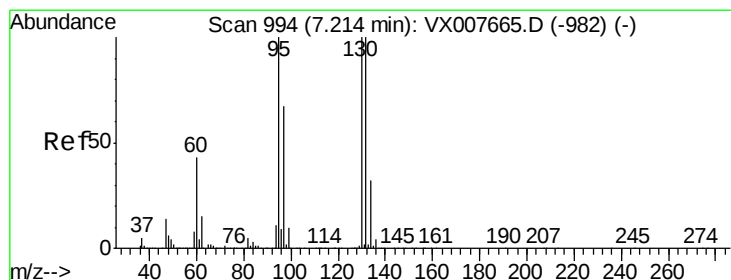
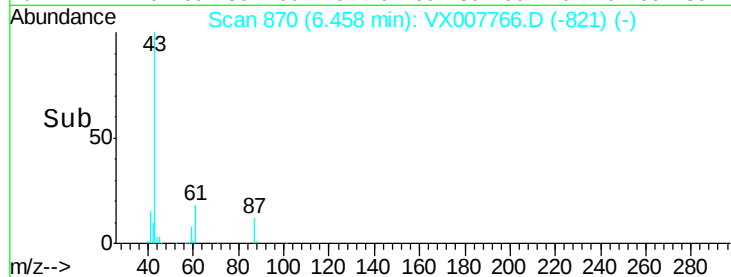
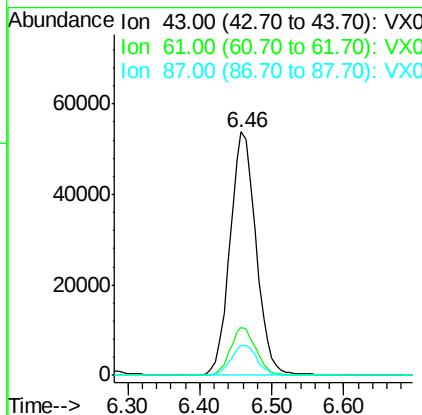
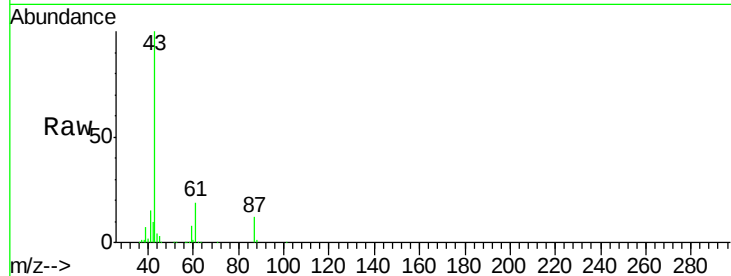
Isopropyl Acetate
 Concen: 19.935 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: VX007766.D
 Acq: 28 Feb 2019 15:05

Instrument :
 MSVOA_X
 ClientSampled :
 VX0228WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.5	16.1	24.1
87	12.5	11.5	17.3

Manual Integrations
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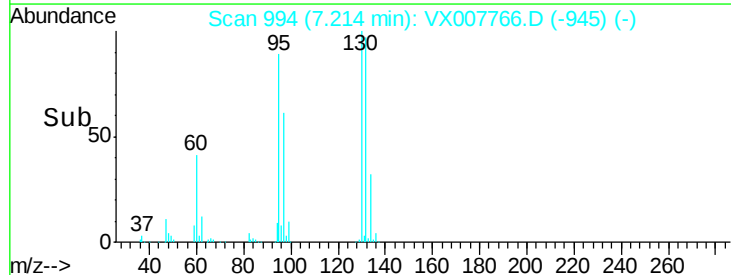
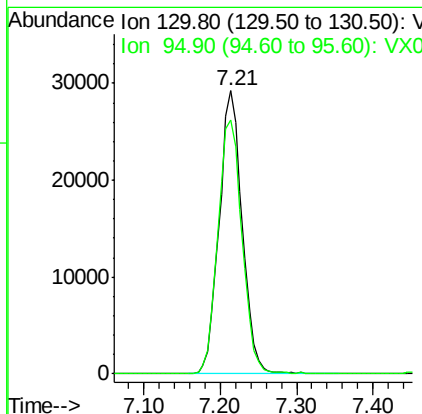
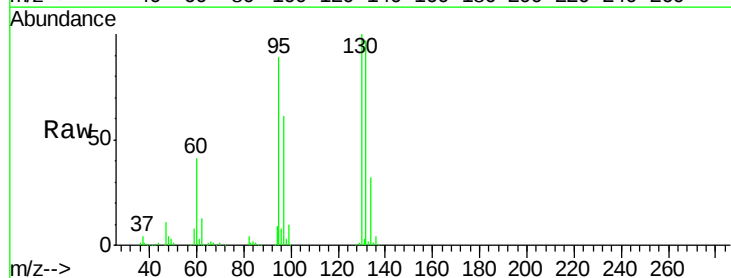
MMDadoda
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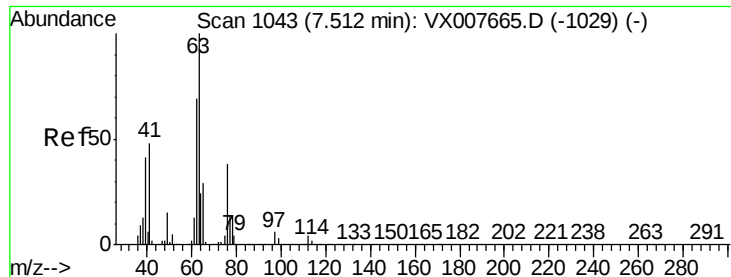


#44

Trichloroethene
 Concen: 18.198 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX007766.D
 Acq: 28 Feb 2019 15:05

Tgt Ion	Ratio	Lower	Upper
130	100		
95	89.5	0.0	180.0





#45

1,2-Dichloropropane

Concen: 19.025 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VX007766.D

Acq: 28 Feb 2019 15:05

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBSD01

Tot Ion: 63 Resp: 59999

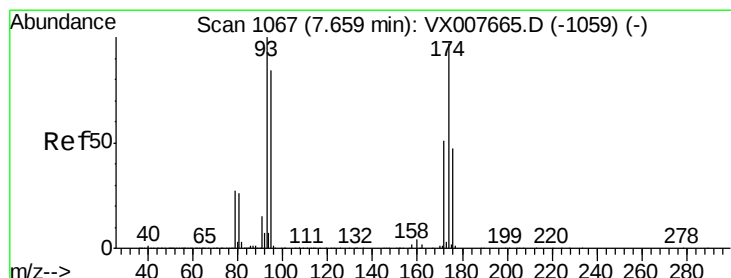
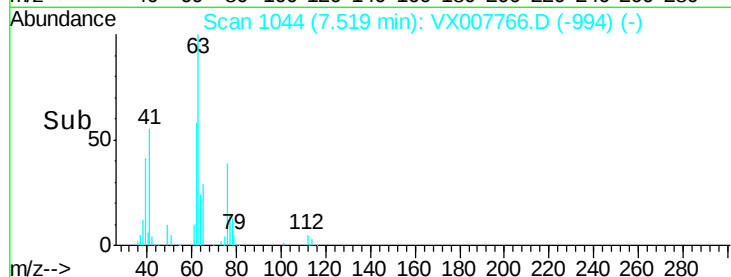
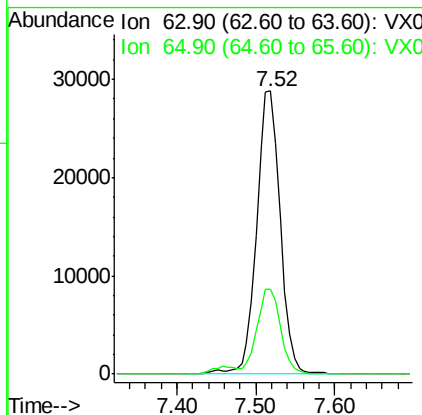
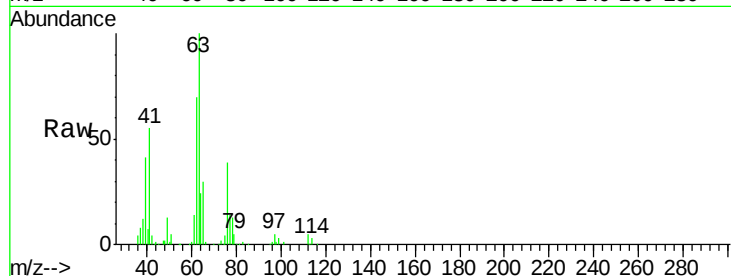
Ion Ratio Lower Upper

63 100

65 30.0 24.2 36.2

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#46

Dibromomethane

Concen: 17.481 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX007766.D

Acq: 28 Feb 2019 15:05

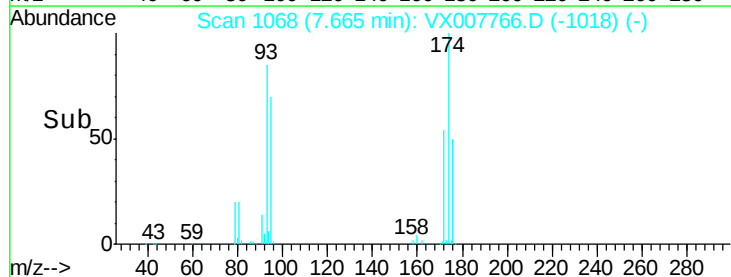
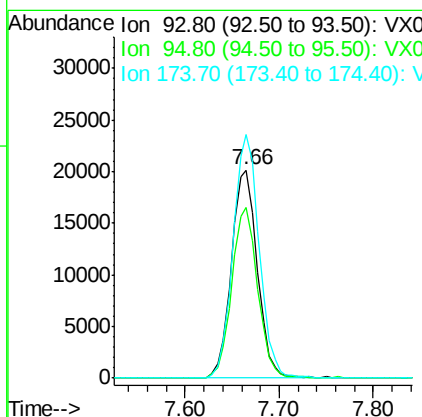
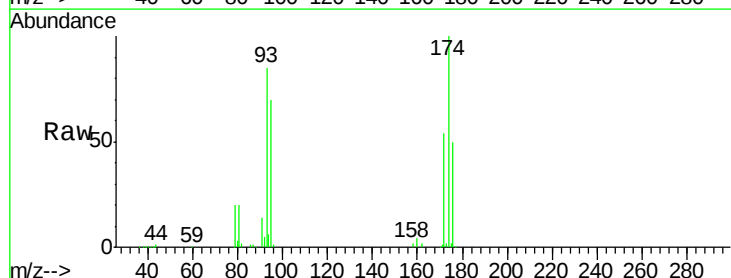
Tgt Ion: 93 Resp: 38461

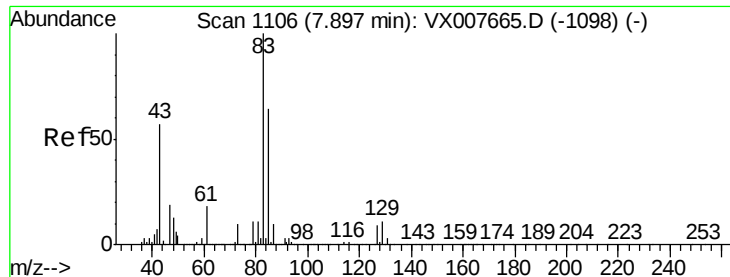
Ion Ratio Lower Upper

93 100

95 81.8 67.6 101.4

174 117.8 94.2 141.4





#47

Bromodichloromethane

Concen: 18.376 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007766.D

Acq: 28 Feb 2019 15:05

Instrument :

MSVOA_X

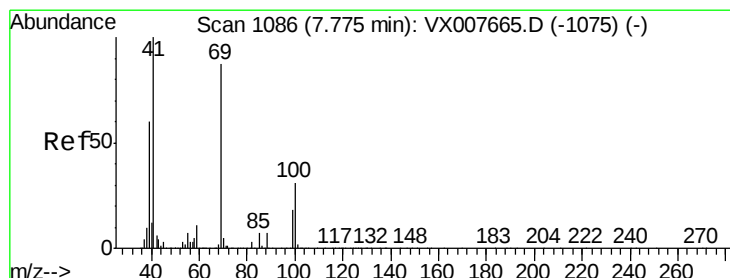
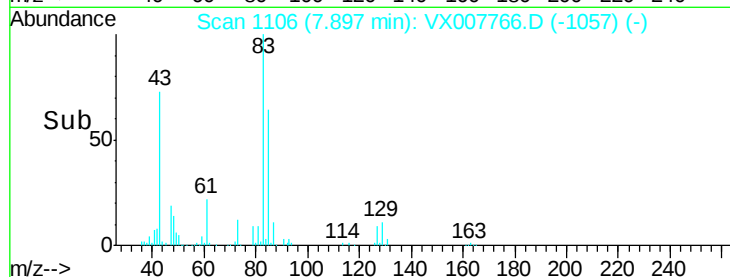
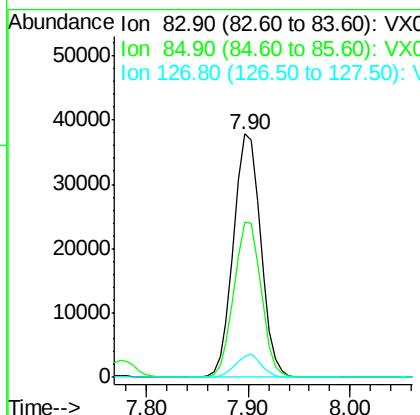
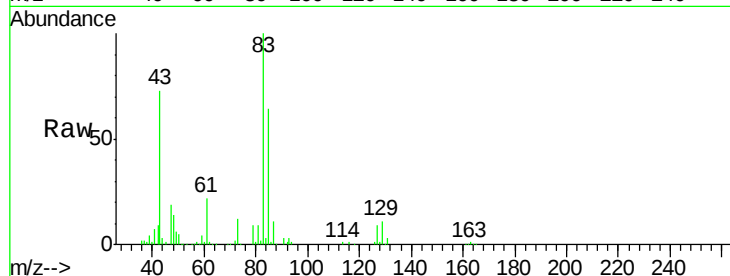
ClientSampled :

VX0228WBSD01

Tot Ion:	83	Resp:	70062
Ion Ratio	Lower	Upper	
83	100		
85	63.8	51.4	77.0
127	8.5	8.1	12.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 20.503 ug/l

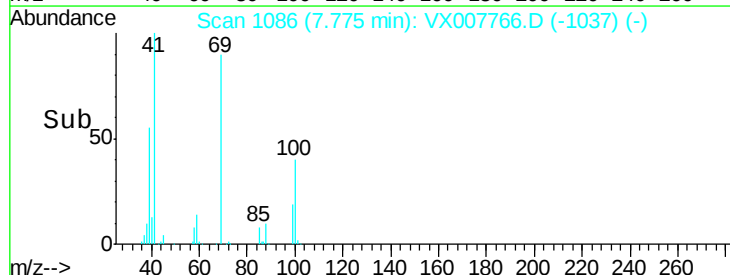
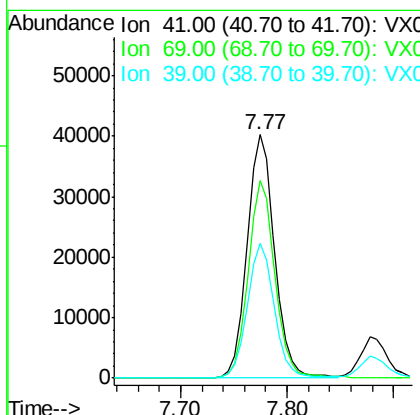
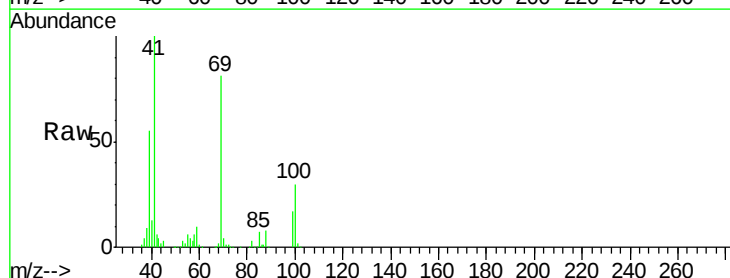
RT: 7.77 min Scan# 1086

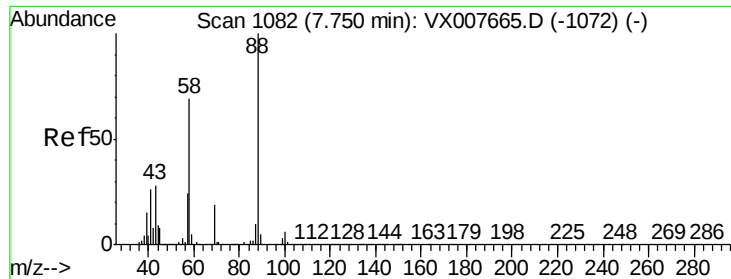
Delta R.T. 0.00 min

Lab File: VX007766.D

Acq: 28 Feb 2019 15:05

Tgt Ion:	41	Resp:	72464
Ion Ratio	Lower	Upper	
41	100		
69	80.1	70.2	105.4
39	54.2	47.4	71.0





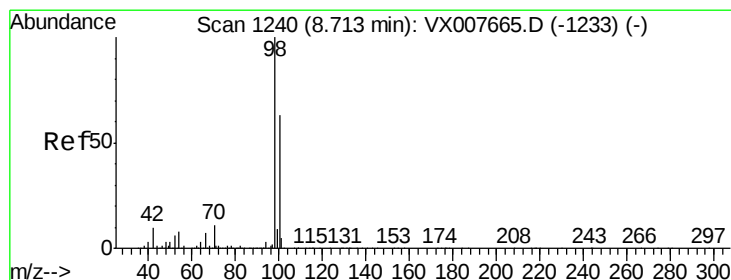
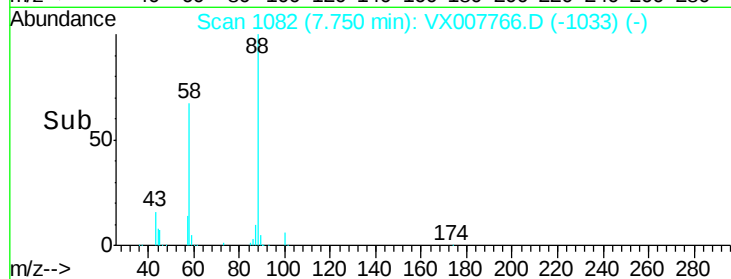
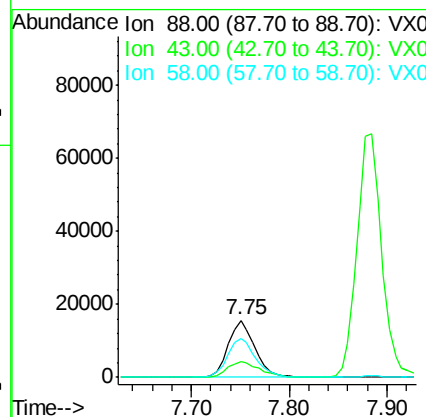
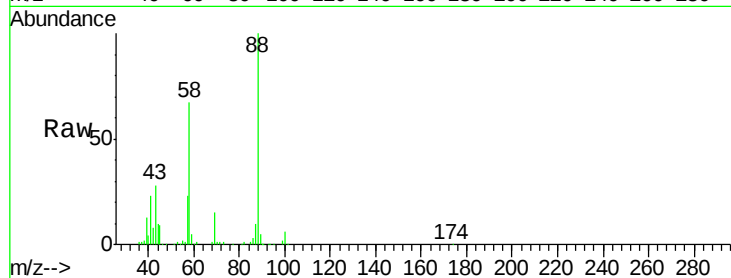
#49
1,4-Dioxane
Concen: 384.970 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX007766.D
Acq: 28 Feb 2019 15:05

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.6	24.2	36.4
58	72.5	53.0	79.4

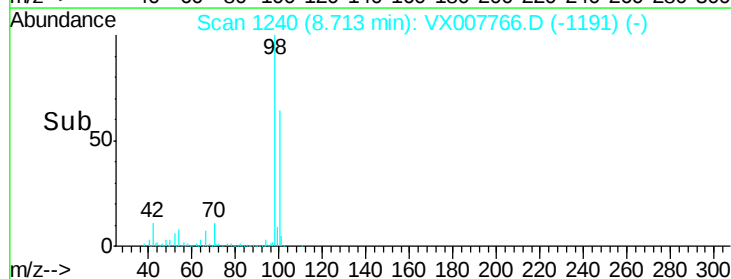
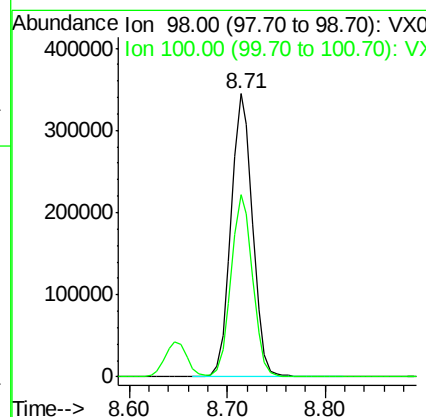
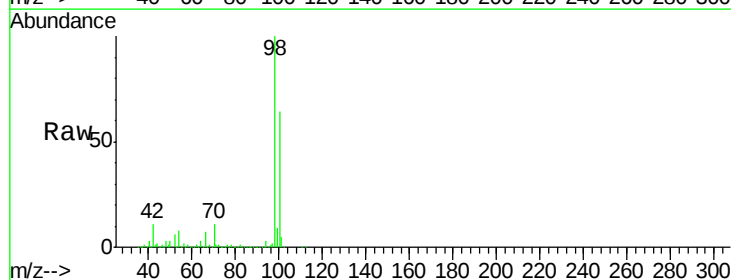
Manual Integrations
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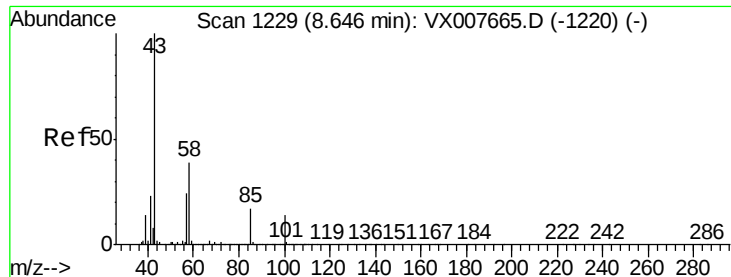
MMDadoda
3/1/2019 10:04:14 AM



#50
Toluene-d8
Concen: 46.833 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007766.D
Acq: 28 Feb 2019 15:05

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 102.619 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX007766.D

Acq: 28 Feb 2019 15:05

Instrument :

MSVOA_X

ClientSampled :

VX0228WBSD01

Tot Ion: 43 Resp: 463152

Ion Ratio Lower Upper

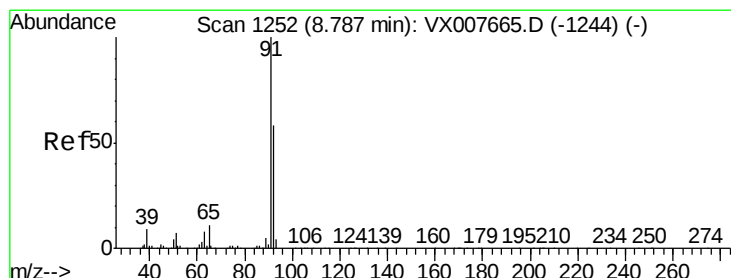
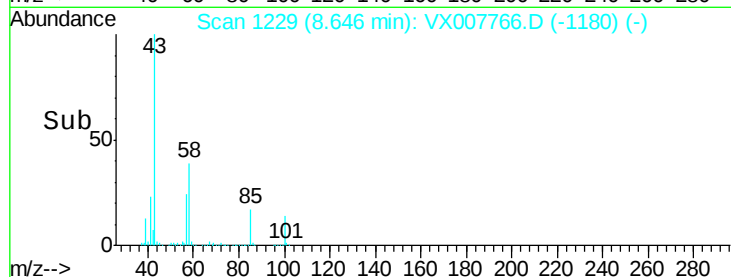
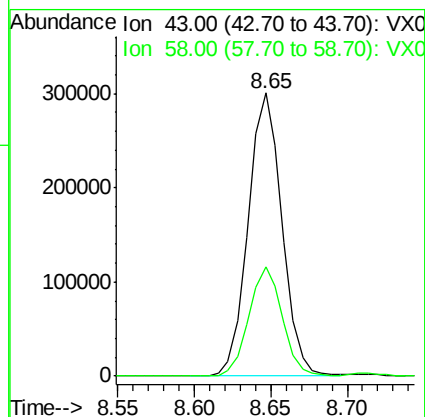
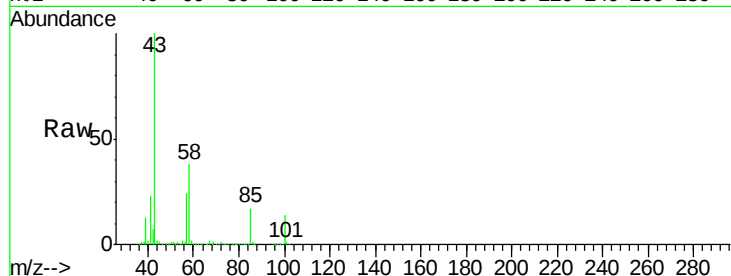
43 100

58 37.9 31.2 46.8

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#52

Toluene

Concen: 18.200 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX007766.D

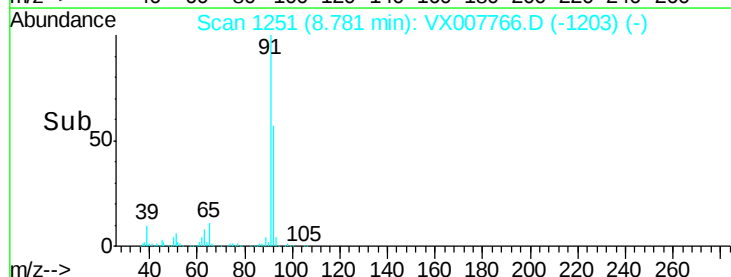
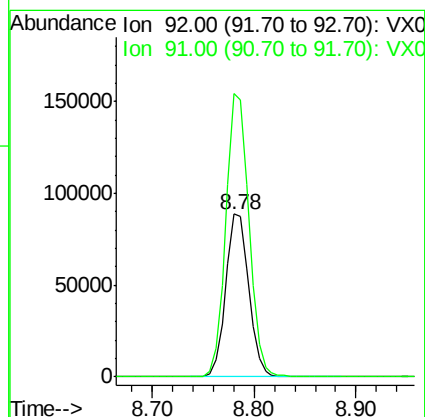
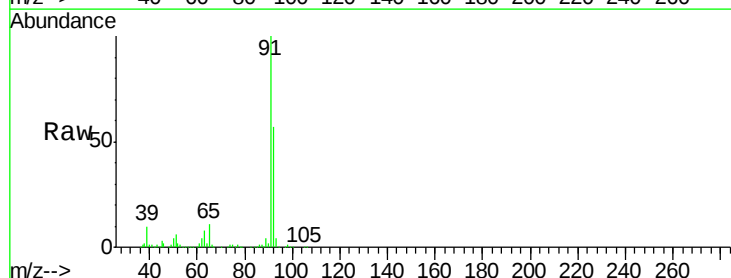
Acq: 28 Feb 2019 15:05

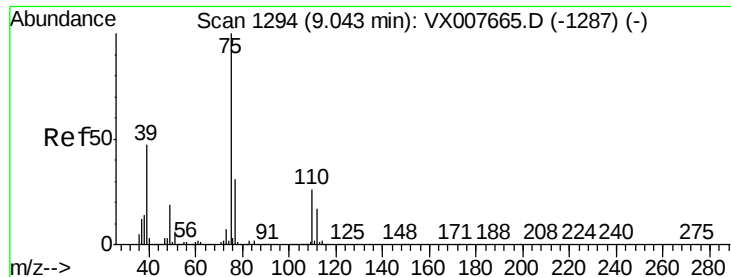
Tgt Ion: 92 Resp: 139723

Ion Ratio Lower Upper

92 100

91 174.0 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 17.658 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007766.D

Acq: 28 Feb 2019 15:05

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBSD01

Tot Ion: 75 Resp: 74595

Ion Ratio Lower Upper

75 100

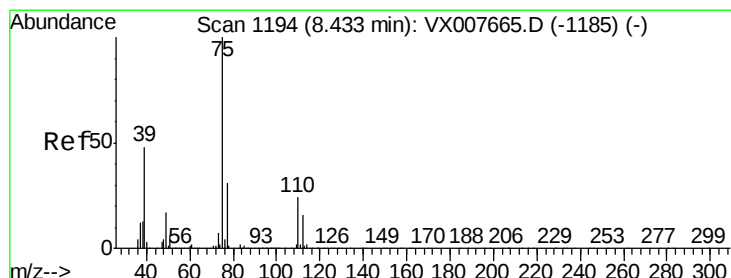
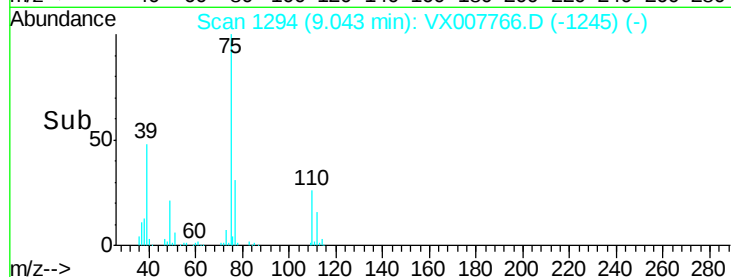
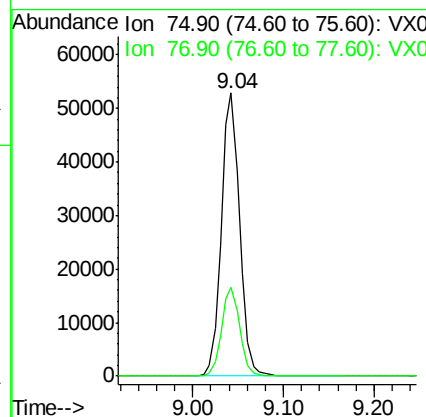
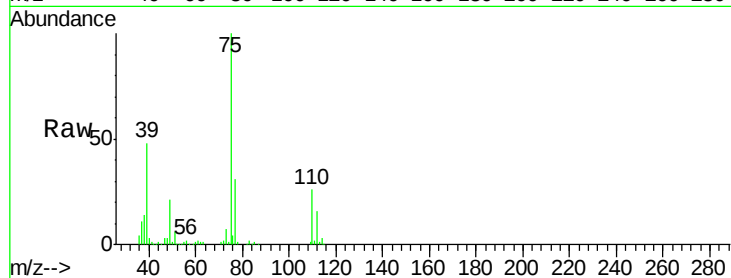
77 31.5 25.2 37.8

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#54

cis-1,3-Dichloropropene

Concen: 17.889 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX007766.D

Acq: 28 Feb 2019 15:05

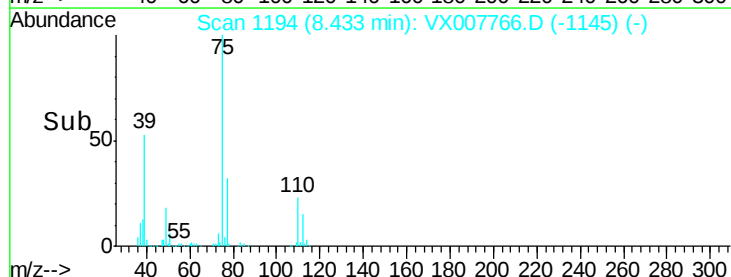
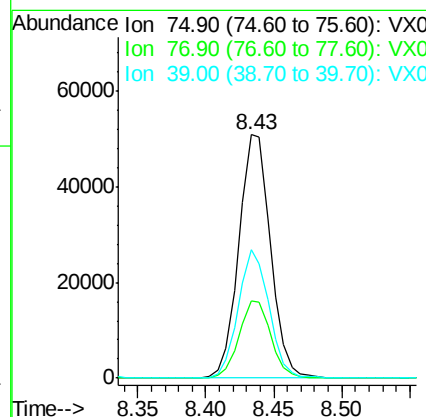
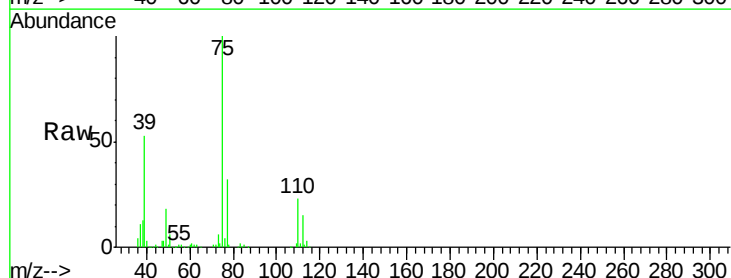
Tgt Ion: 75 Resp: 82772

Ion Ratio Lower Upper

75 100

77 31.6 26.2 39.4

39 52.7 37.1 55.7





#55

1,1,2-Trichloroethane

Concen: 17.955 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX007766.D

Acq: 28 Feb 2019 15:05

Instrument :

MSVOA_X

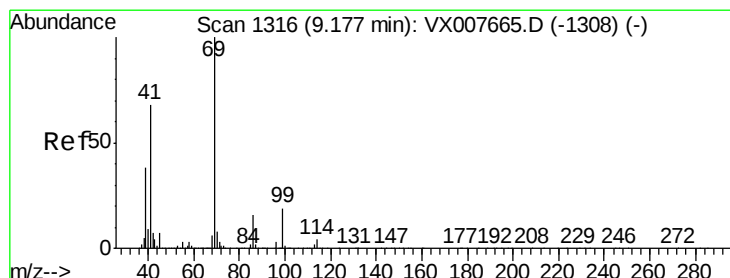
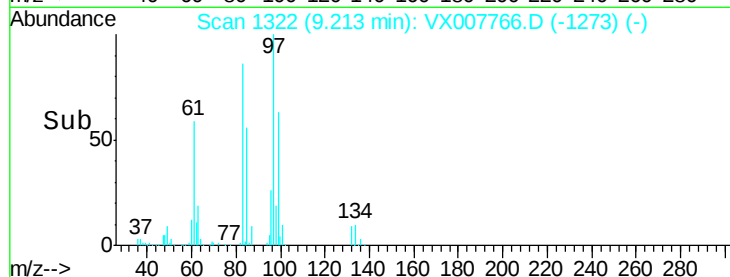
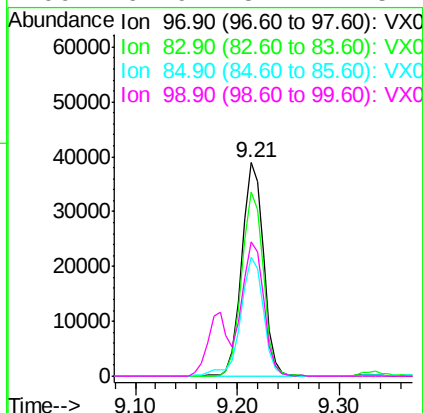
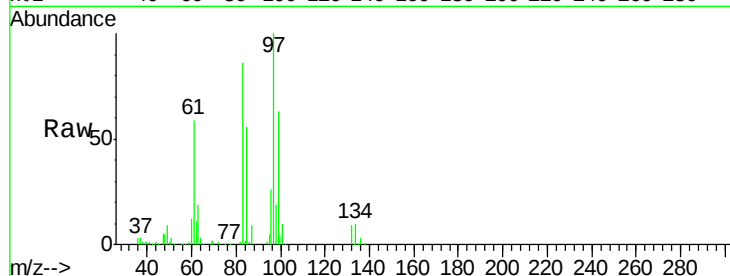
ClientSampleId :

VX0228WBSD01

Tot Ion:	97	Resp:	57481
Ion	Ratio	Lower	Upper
97	100		
83	86.0	68.6	102.8
85	55.6	44.5	66.7
99	62.9	52.2	78.4

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#56

Ethyl methacrylate

Concen: 18.783 ug/l

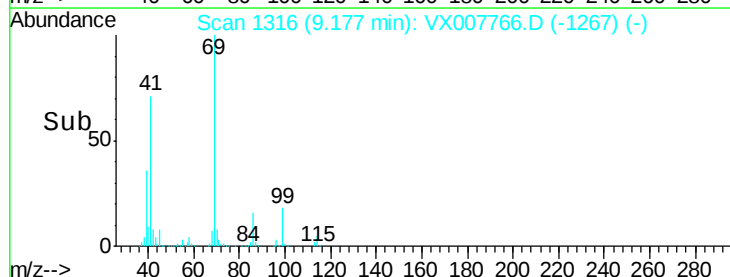
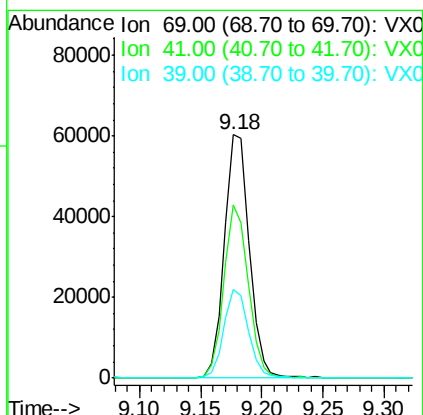
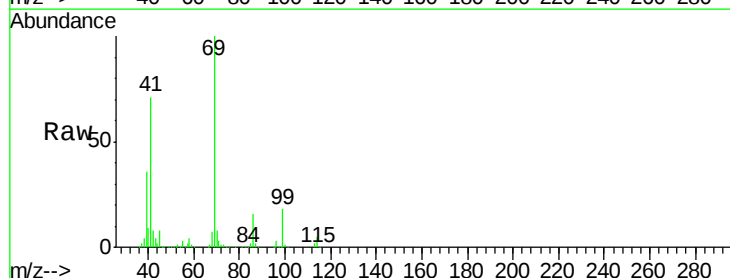
RT: 9.18 min Scan# 1316

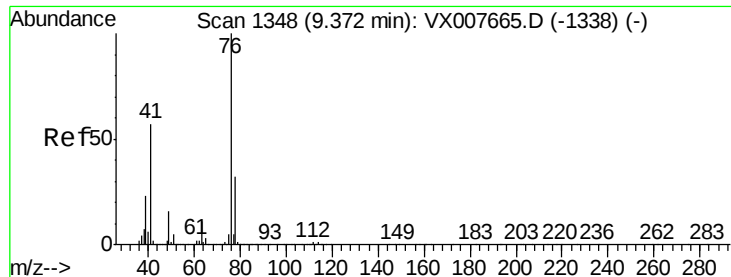
Delta R.T. 0.00 min

Lab File: VX007766.D

Acq: 28 Feb 2019 15:05

Tgt Ion:	69	Resp:	85512
Ion	Ratio	Lower	Upper
69	100		
41	69.6	52.1	78.1
39	35.8	30.1	45.1





#57

1,3-Dichloropropane

Concen: 18.936 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX007766.D

Acq: 28 Feb 2019 15:05

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBSD01

Tot Ion: 76 Resp: 97040

Ion Ratio Lower Upper

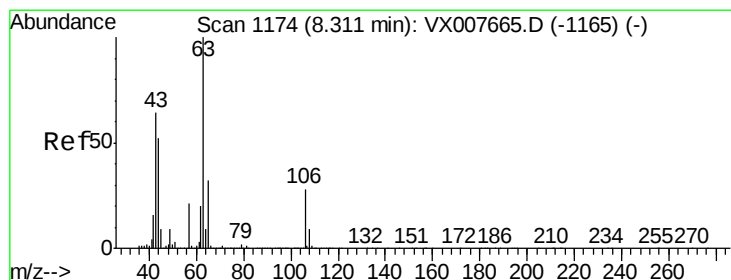
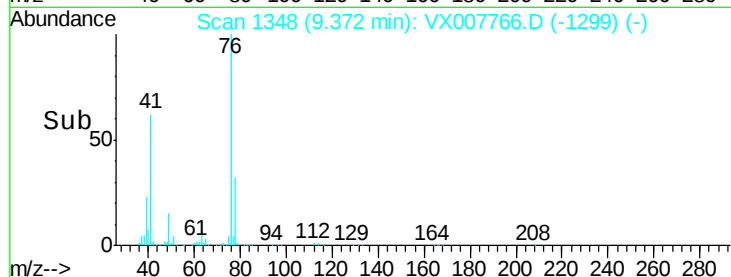
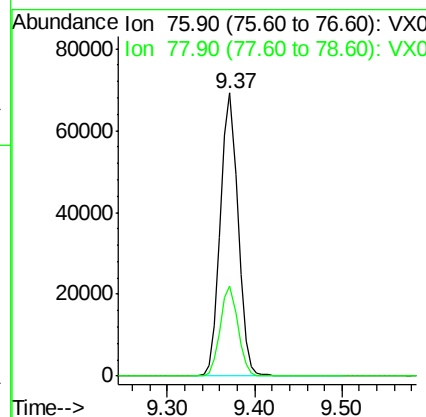
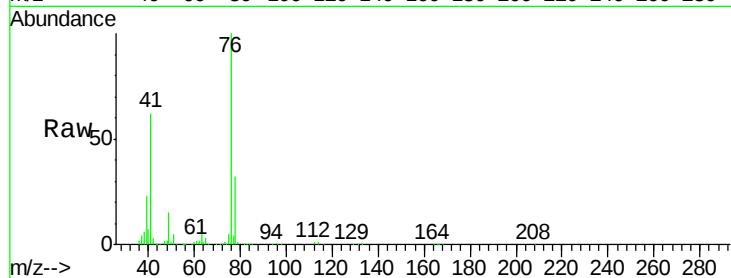
76 100

78 32.0 25.8 38.8

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#58

2-Chloroethyl Vinyl ether

Concen: 100.065 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX007766.D

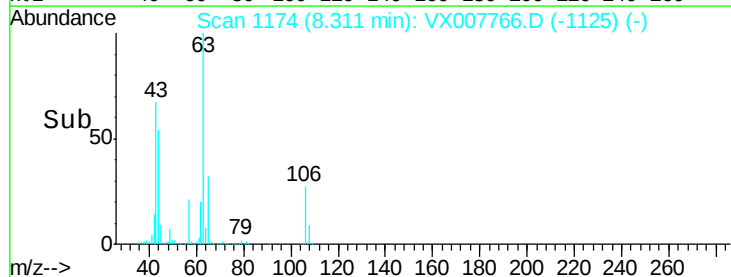
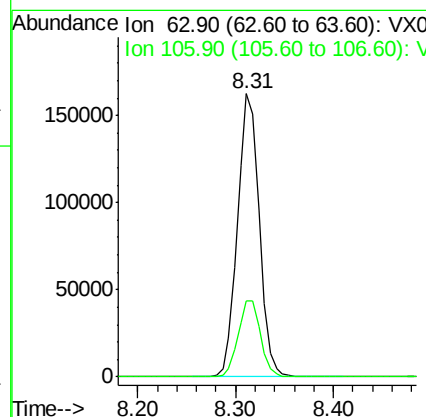
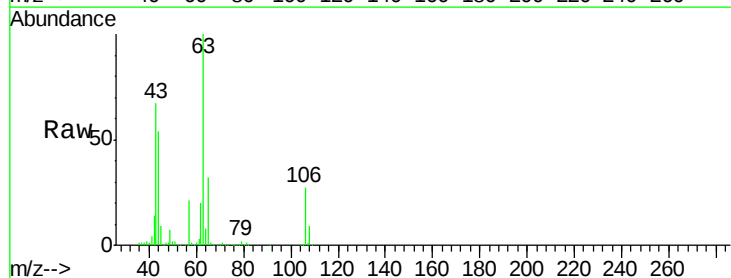
Acq: 28 Feb 2019 15:05

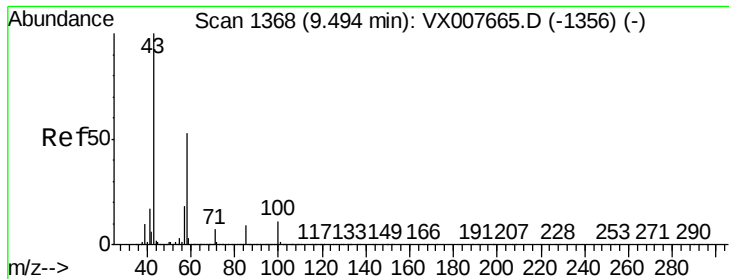
Tgt Ion: 63 Resp: 251213

Ion Ratio Lower Upper

63 100

106 27.9 23.6 35.4





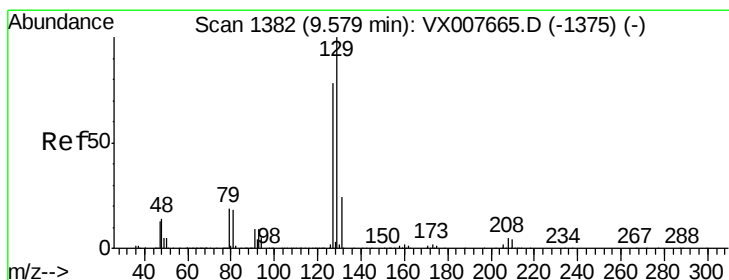
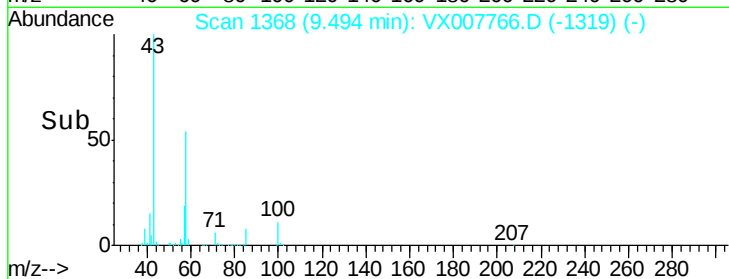
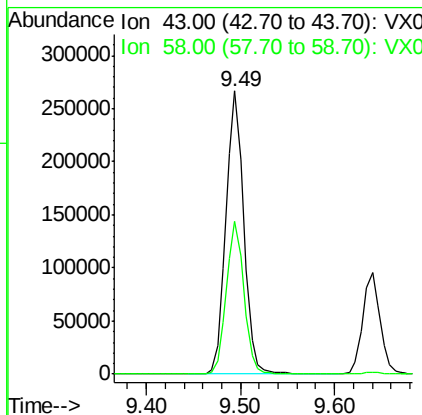
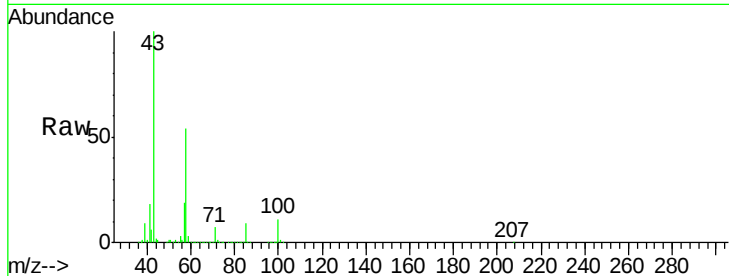
#59
2-Hexanone
Concen: 99.288 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX007766.D
Acq: 28 Feb 2019 15:05

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01

Tot Ion: 43 Resp: 351813
Ion Ratio Lower Upper
43 100
58 53.1 27.1 81.3

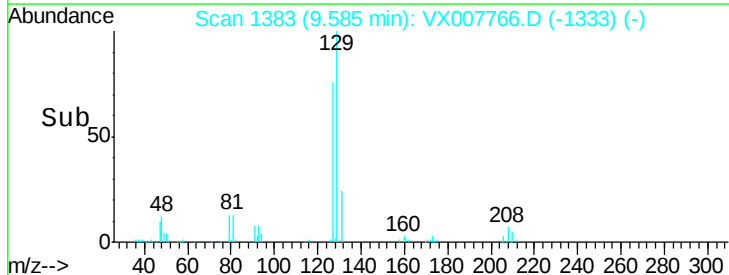
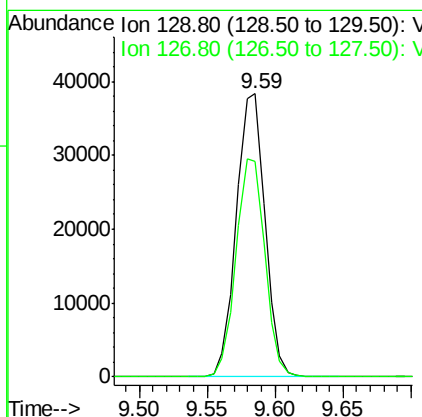
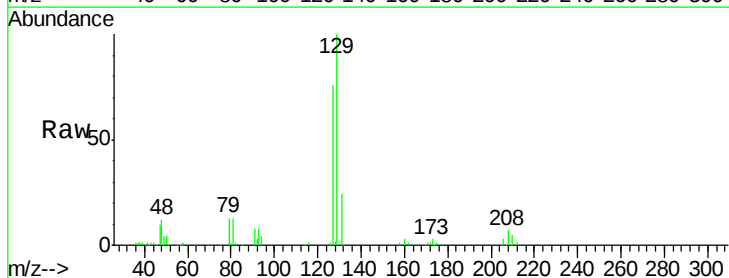
Manual Integrations
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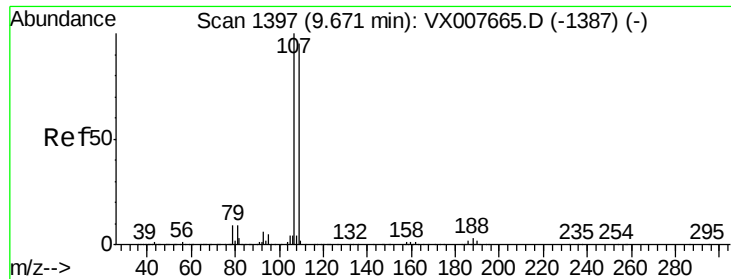
MMDadoda
3/1/2019 10:04:14 AM



#60
Dibromochloromethane
Concen: 18.358 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX007766.D
Acq: 28 Feb 2019 15:05

Tgt Ion: 129 Resp: 56552
Ion Ratio Lower Upper
129 100
127 77.4 37.8 113.4





#61

1,2-Dibromoethane

Concen: 18.152 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX007766.D

Acq: 28 Feb 2019 15:05

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBSD01

Tot Ion: 107 Resp: 60334

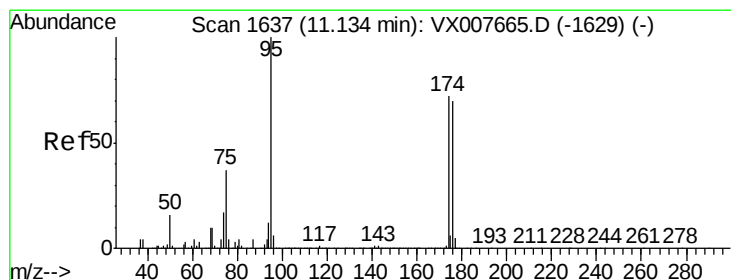
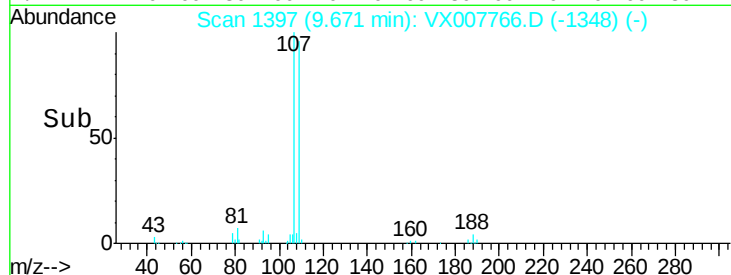
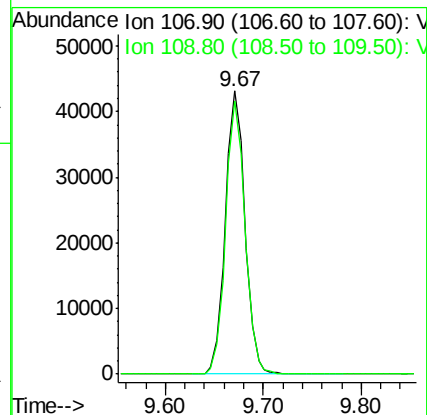
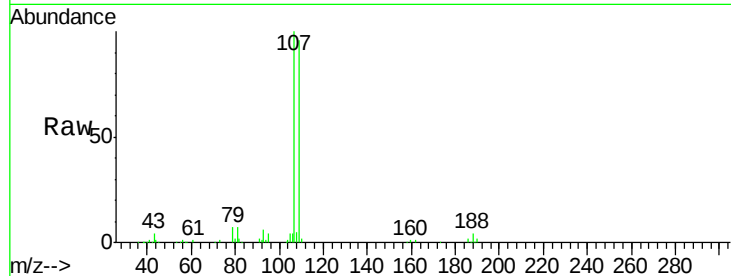
Ion Ratio Lower Upper

107 100

109 95.3 75.1 112.7

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#62

4-Bromofluorobenzene

Concen: 45.546 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007766.D

Acq: 28 Feb 2019 15:05

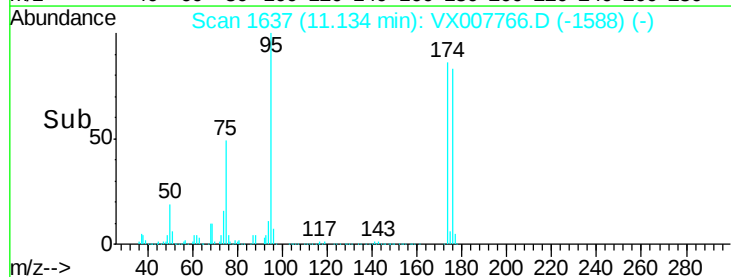
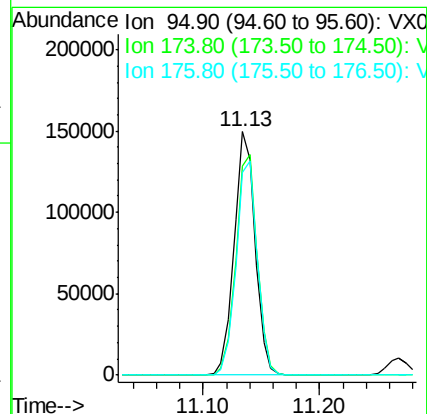
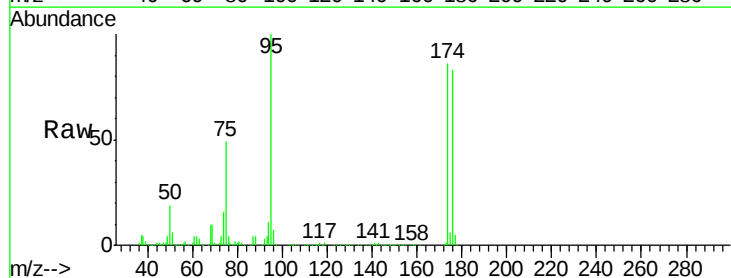
Tgt Ion: 95 Resp: 187671

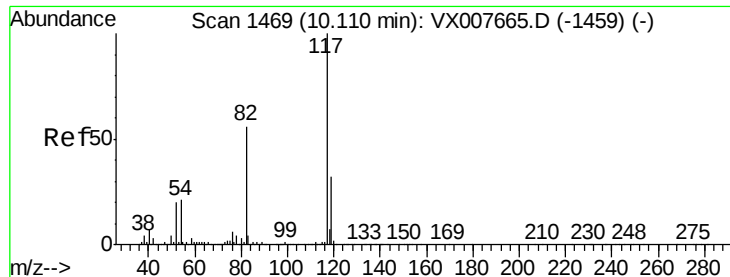
Ion Ratio Lower Upper

95 100

174 92.3 0.0 189.2

176 89.5 0.0 186.2





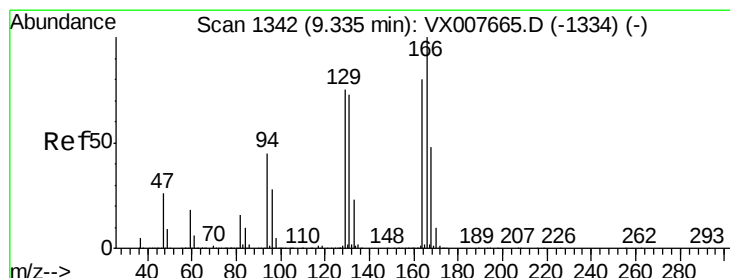
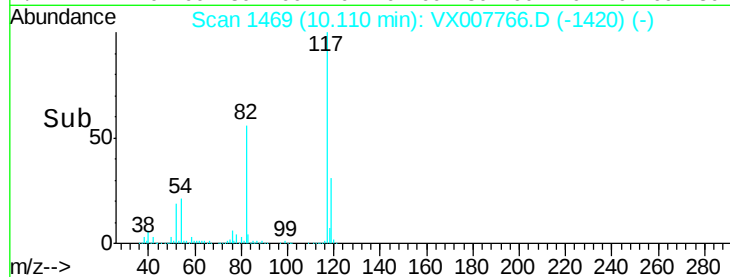
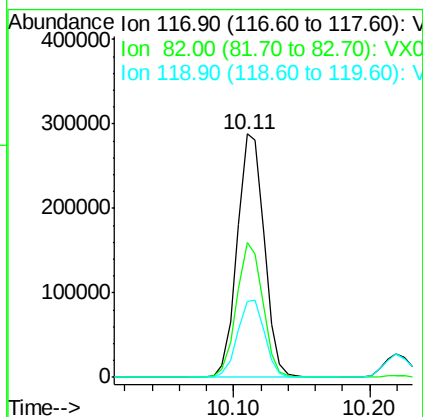
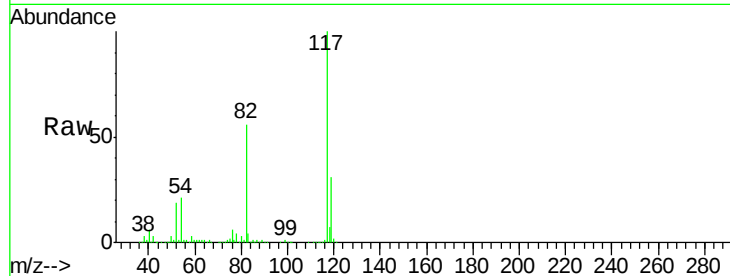
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007766.D
Acq: 28 Feb 2019 15:05

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	397690		
82	55.5	42.1	63.1	
119	31.4	26.5	39.7	

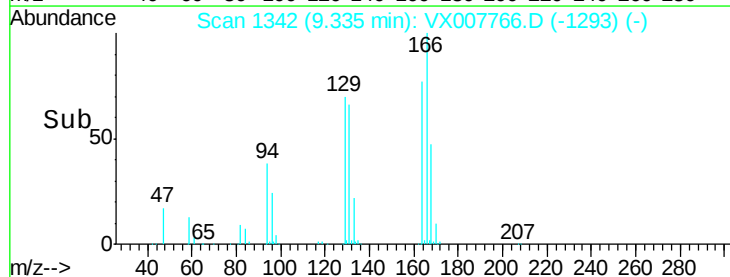
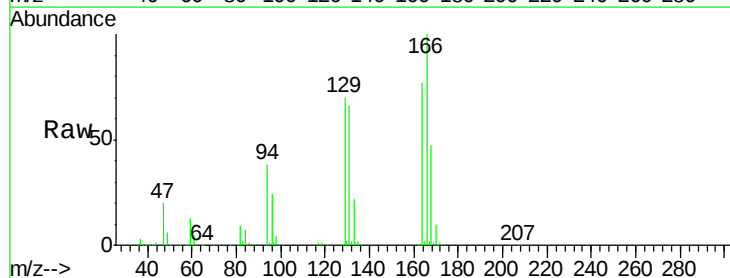
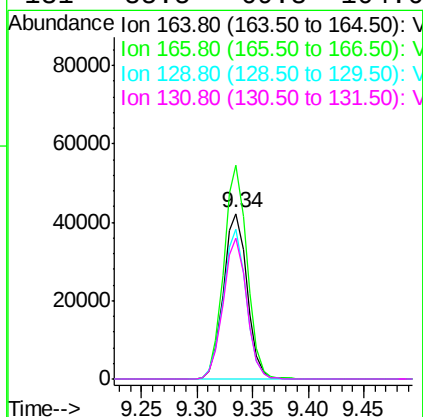
Manual Integrations
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3/1/2019 10:04:14 AM



#64
Tetrachloroethene
Concen: 19.200 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007766.D
Acq: 28 Feb 2019 15:05

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	61988		
166	129.1	101.0	151.4	
129	90.7	70.5	105.7	
131	85.5	69.8	104.6	





#65

Chlorobenzene

Concen: 18.035 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX007766.D

Acq: 28 Feb 2019 15:05

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBSD01

Tot Ion:112 Resp: 155120

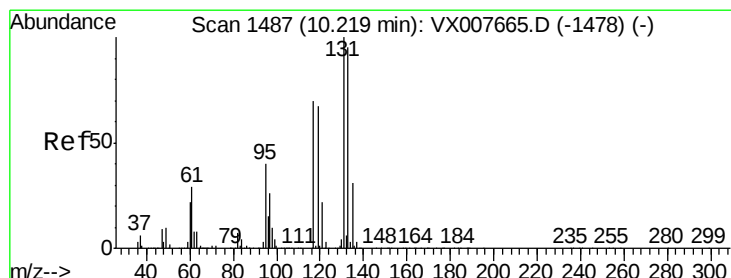
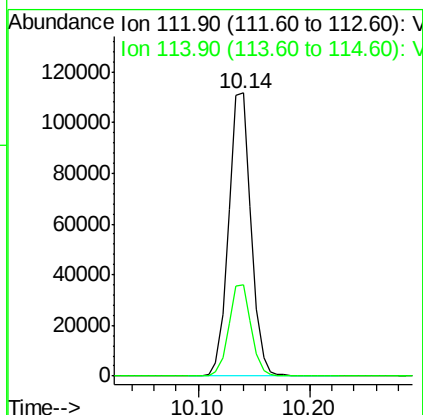
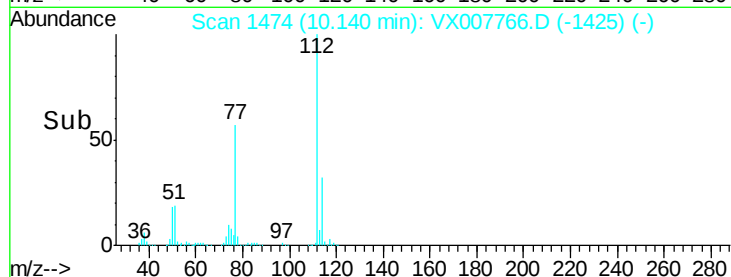
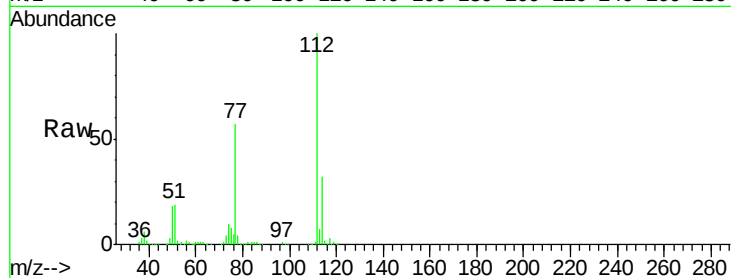
Ion Ratio Lower Upper

112 100

114 32.2 25.8 38.6

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 18.291 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX007766.D

Acq: 28 Feb 2019 15:05

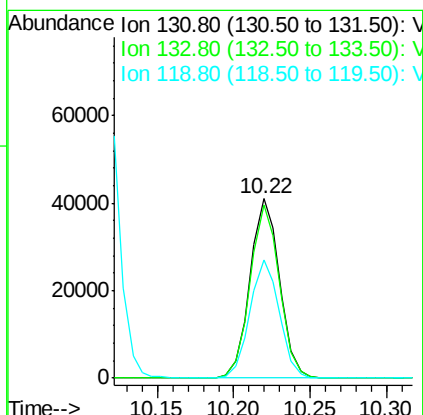
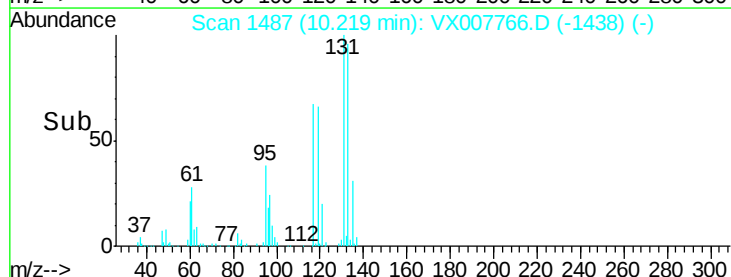
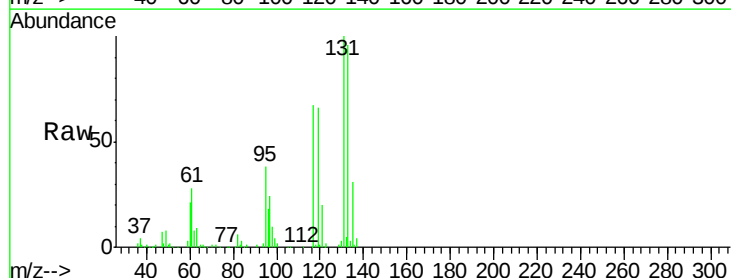
Tgt Ion:131 Resp: 54879

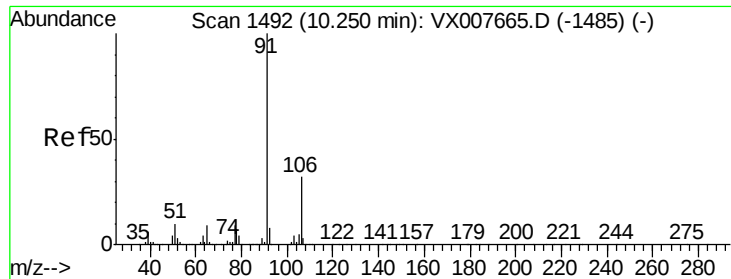
Ion Ratio Lower Upper

131 100

133 95.8 48.0 144.2

119 66.1 32.0 96.0





#67

Ethyl Benzene

Concen: 18.344 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX007766.D

Acq: 28 Feb 2019 15:05

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBSD01

Tot Ion: 91 Resp: 261373

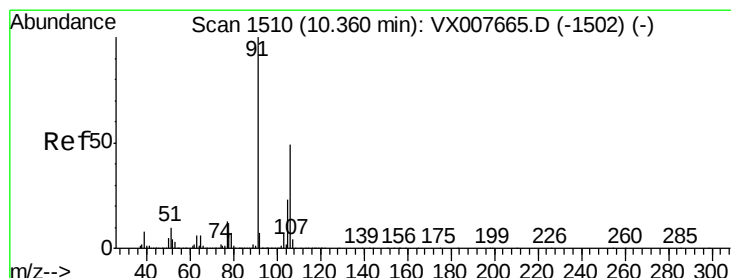
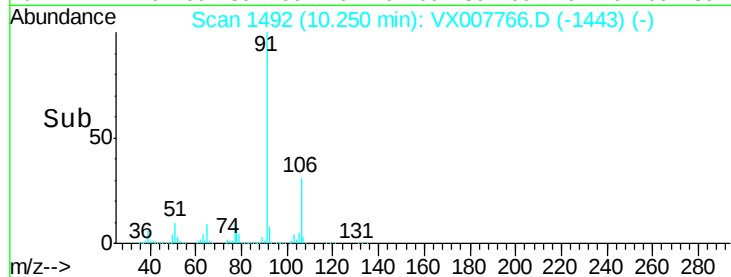
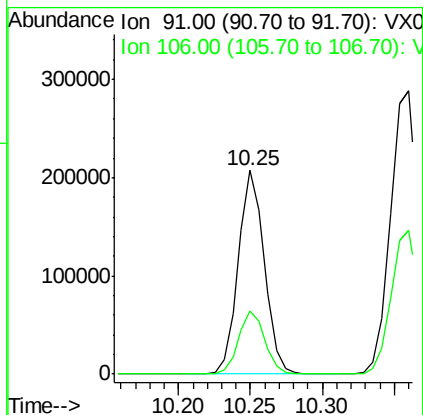
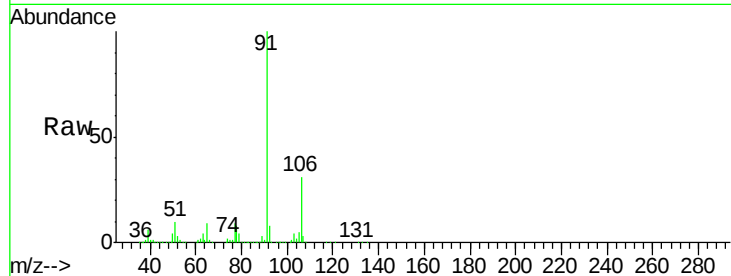
Ion Ratio Lower Upper

91 100

106 31.1 25.4 38.0

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#68

m/p-Xylenes

Concen: 36.063 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX007766.D

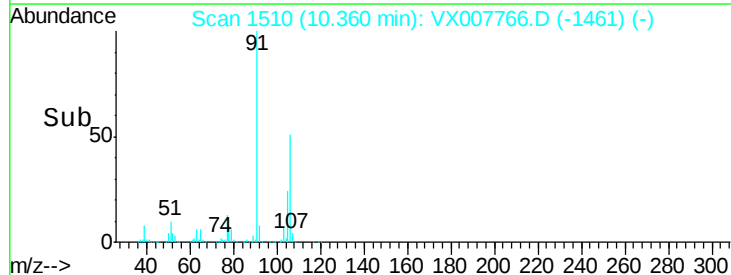
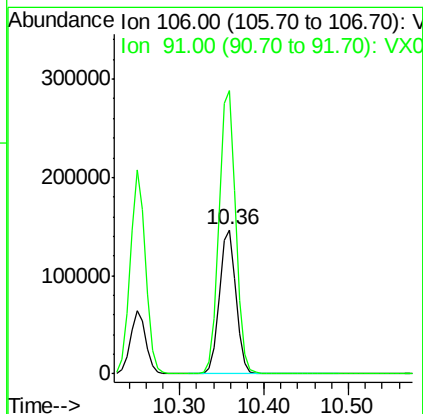
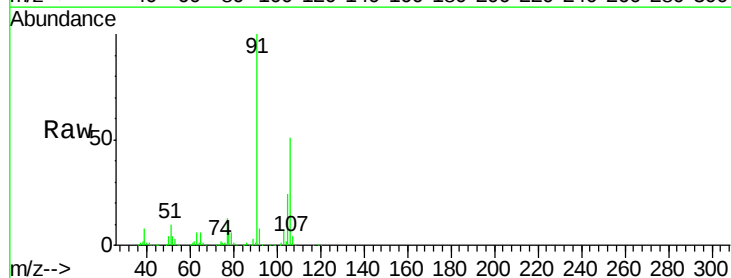
Acq: 28 Feb 2019 15:05

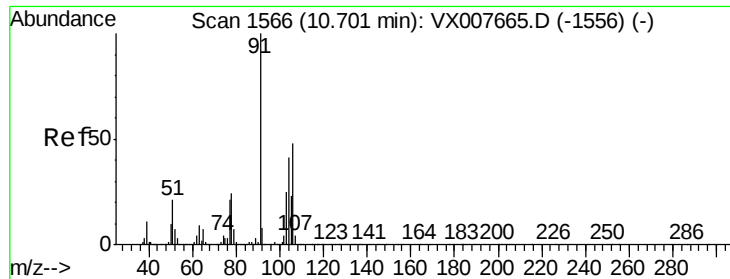
Tgt Ion: 106 Resp: 199902

Ion Ratio Lower Upper

106 100

91 199.2 156.6 234.8





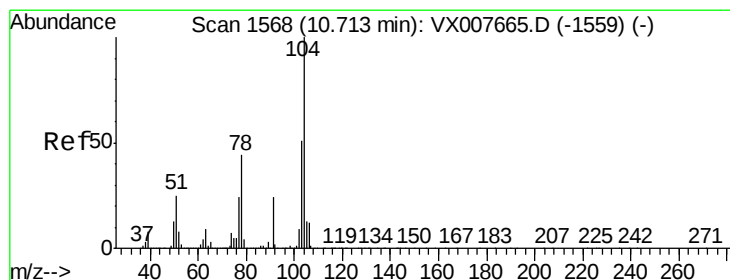
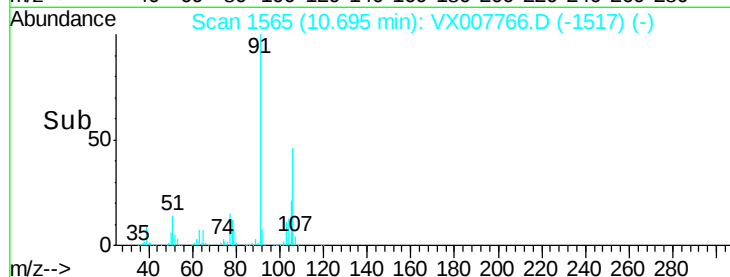
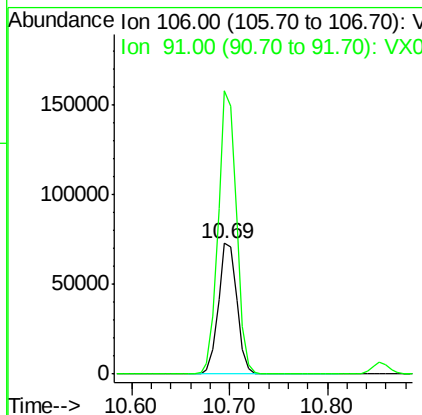
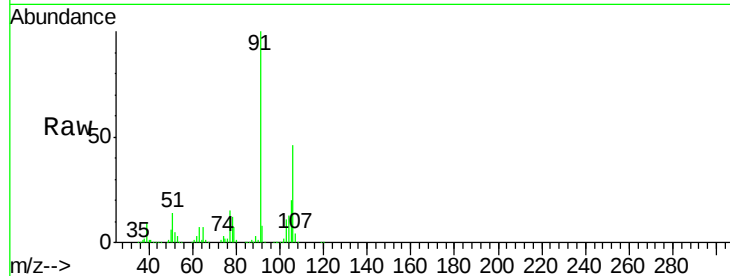
#69
o-Xylene
Concen: 18.020 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX007766.D
Acq: 28 Feb 2019 15:05

Instrument :
MSVOA_X
ClientSampled :
VX0228WBSD01

Tot Ion	Ratio	Lower	Upper
106	100		
91	213.1	102.9	308.7

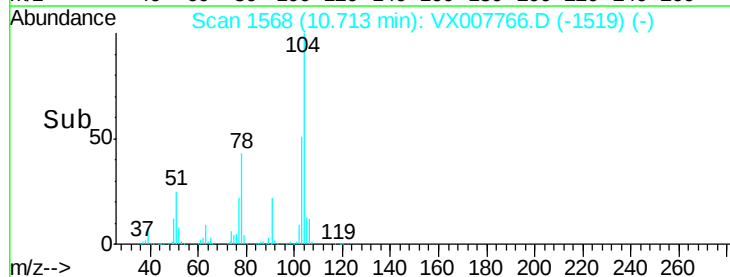
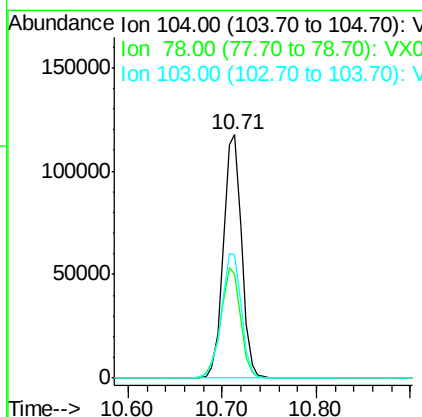
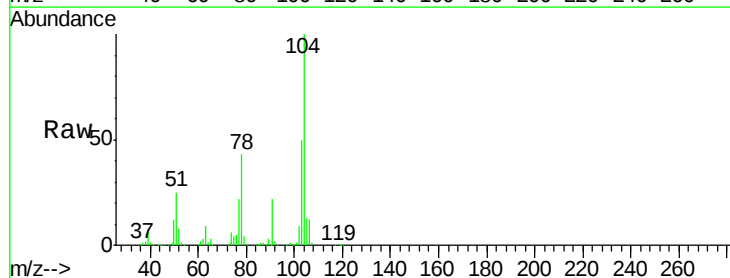
Manual Integrations
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3/1/2019 10:04:14 AM



#70
Styrene
Concen: 17.969 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX007766.D
Acq: 28 Feb 2019 15:05

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.1	38.3	57.5
103	55.6	44.6	67.0





#71

Bromoform

Concen: 19.241 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.01 min

Lab File: VX007766.D

Acq: 28 Feb 2019 15:05

Instrument :

MSVOA_X

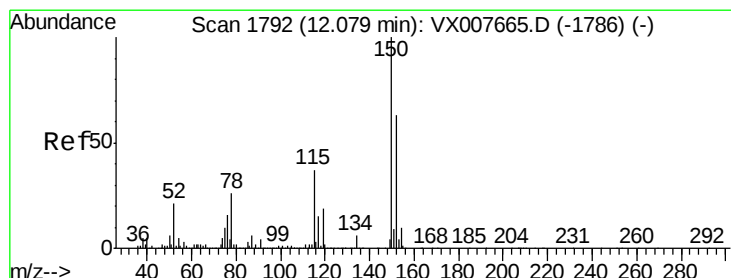
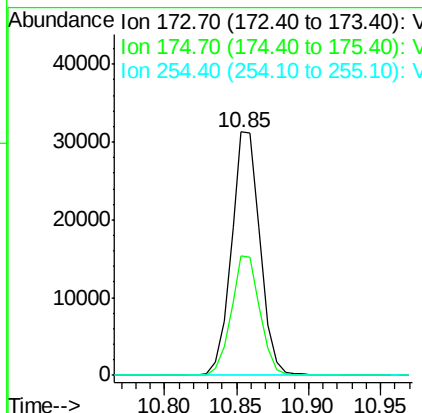
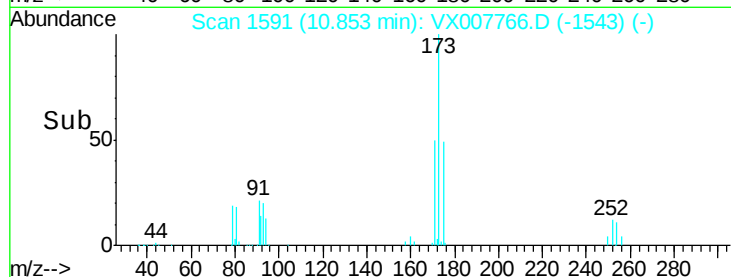
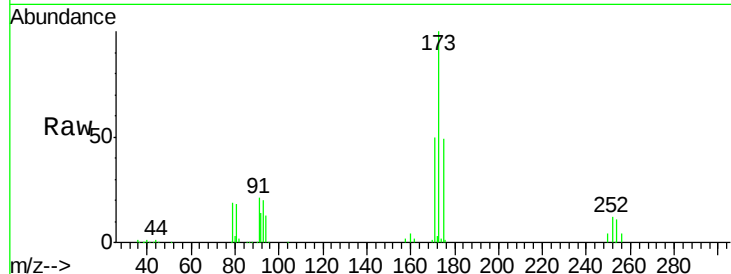
ClientSampleId :

VX0228WBSD01

Tot Ion:	173	Resp:	43290
Ion Ratio	Lower	Upper	
173	100		
175	49.1	24.2	72.6
254	0.0	0.2	0.2#

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

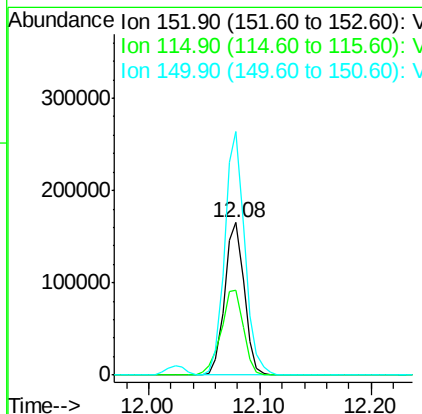
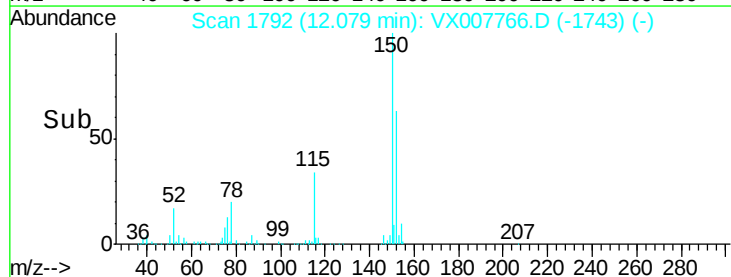
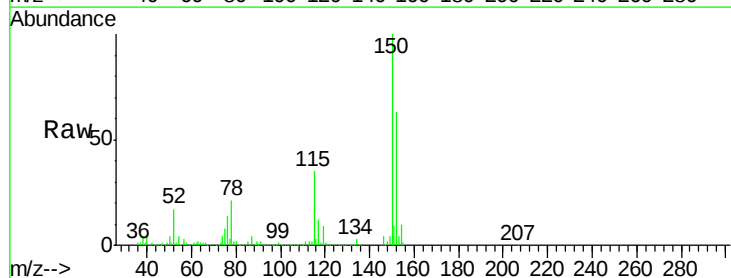
RT: 12.08 min Scan# 1792

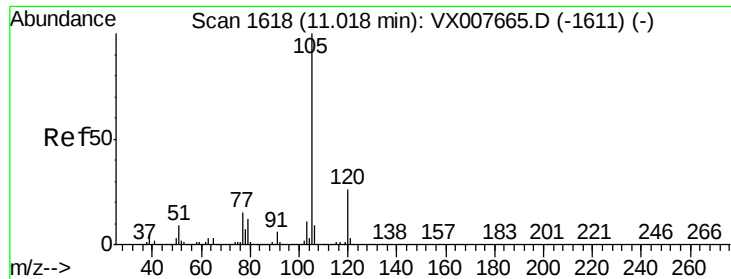
Delta R.T. 0.00 min

Lab File: VX007766.D

Acq: 28 Feb 2019 15:05

Tgt Ion:	152	Resp:	200030
Ion Ratio	Lower	Upper	
152	100		
115	63.9	38.0	114.0
150	163.9	0.0	346.4





#73

Isopropylbenzene

Concen: 18.071 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007766.D

Acq: 28 Feb 2019 15:05

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBSD01

Tot Ion:105 Resp: 258343

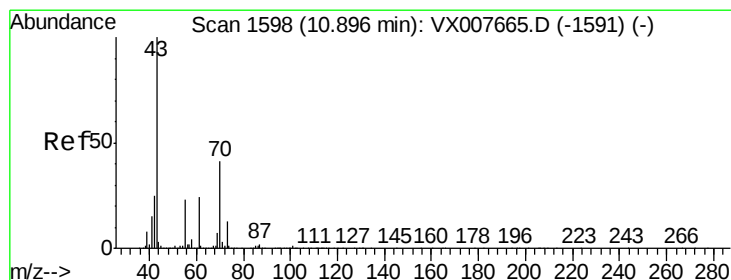
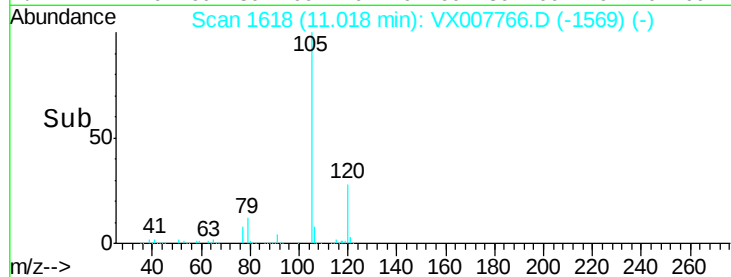
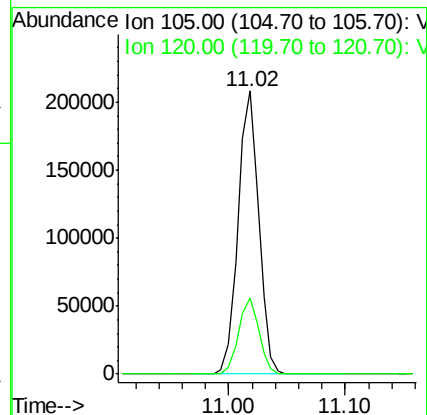
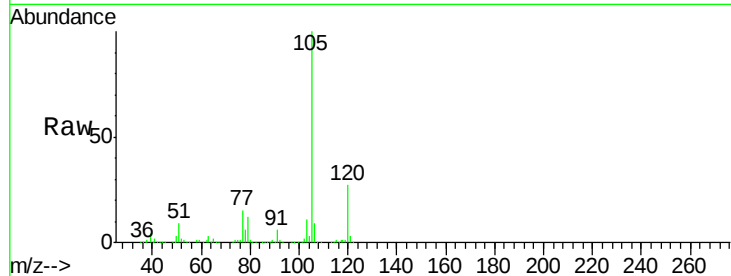
Ion Ratio Lower Upper

105 100

120 26.7 13.6 40.7

Manual Integrations
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#74

N-ethyl acetate

Concen: 18.657 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007766.D

Acq: 28 Feb 2019 15:05

Tgt Ion: 43 Resp: 115826

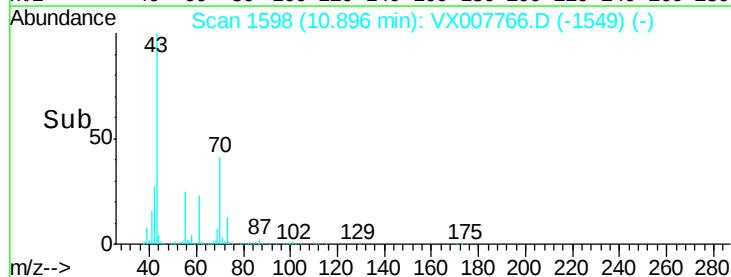
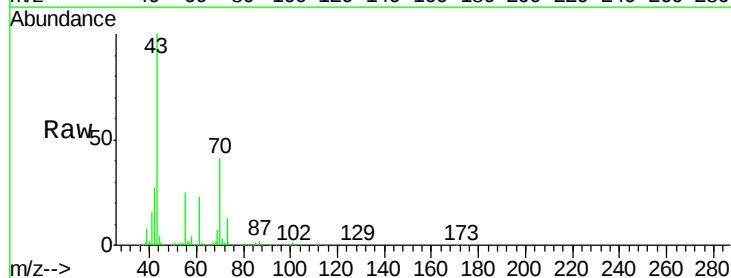
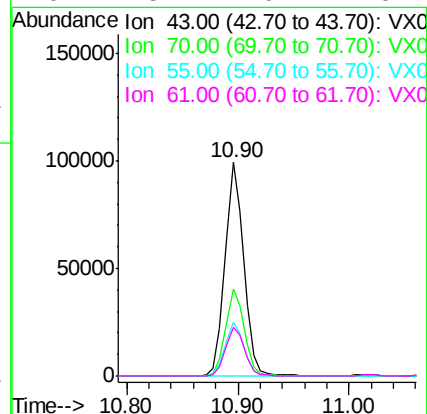
Ion Ratio Lower Upper

43 100

70 41.3 33.8 50.6

55 25.8 19.5 29.3

61 23.4 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 17.604 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX007766.D

Acq: 28 Feb 2019 15:05

Instrument :

MSVOA_X

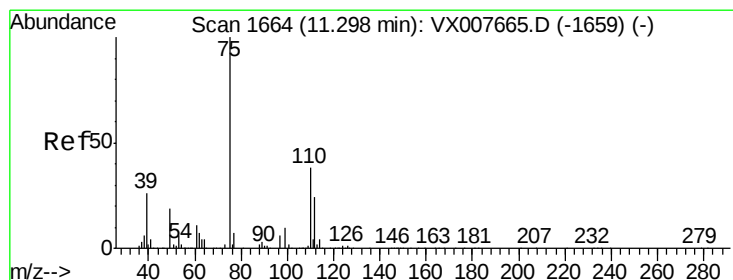
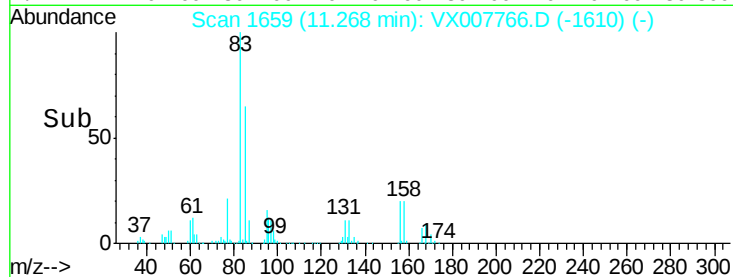
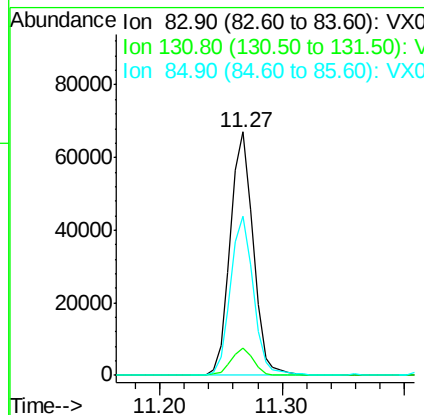
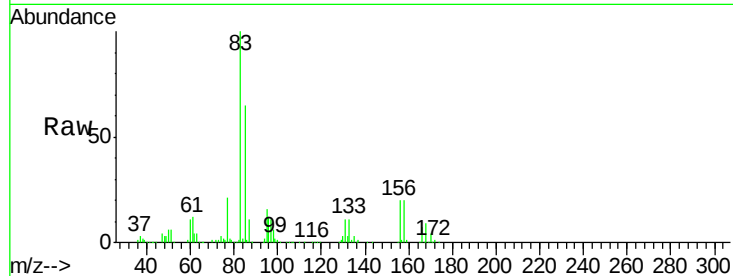
ClientSampleId :

VX0228WBSD01

Tot Ion:	83	Resp:	87044
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.7	17.0
85	65.3	32.8	98.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 17.404 ug/l m

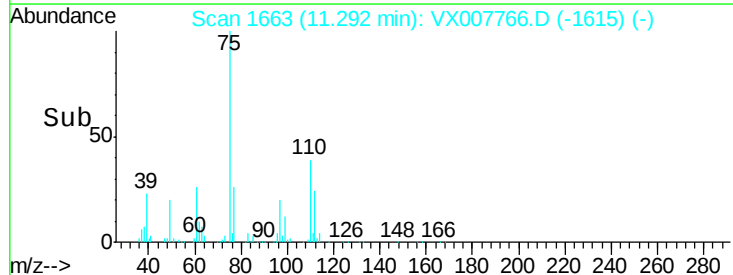
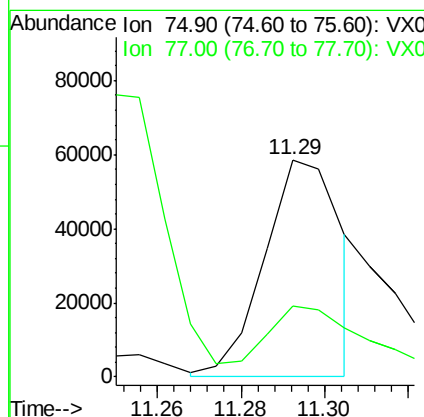
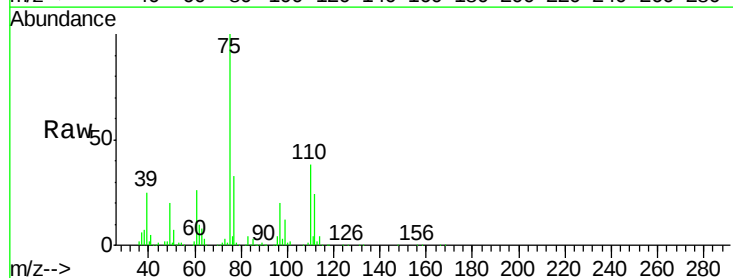
RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX007766.D

Acq: 28 Feb 2019 15:05

Tgt Ion:	75	Resp:	74205
Ion Ratio	Lower	Upper	
75	100		
77	43.9	23.0	69.0





#77

Bromobenzene

Concen: 19.634 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007766.D

Acq: 28 Feb 2019 15:05

Instrument :

MSVOA_X

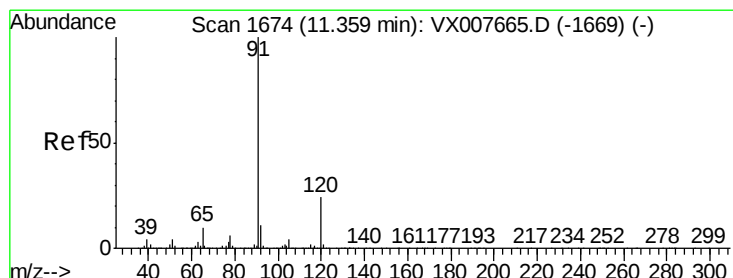
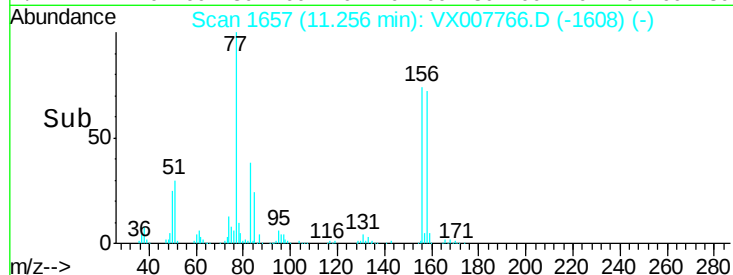
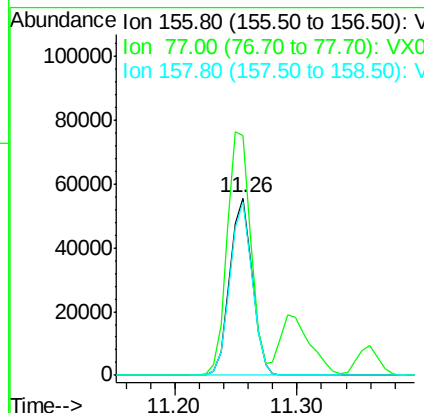
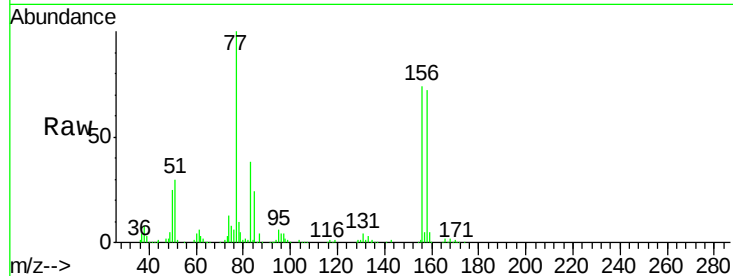
ClientSampleId :

VX0228WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	144.8	66.8	200.6	
158	96.7	47.9	143.8	

Manual Integrations
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3/1/2019 10:04:14 AM



#78

n-propylbenzene

Concen: 17.662 ug/l

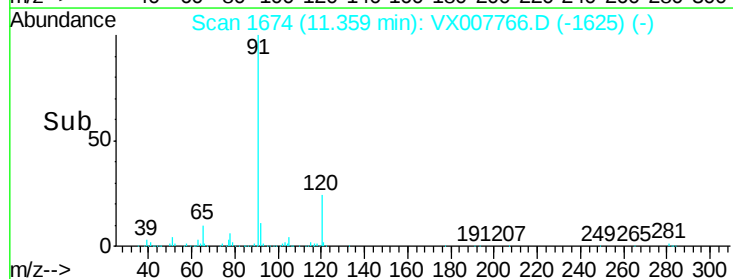
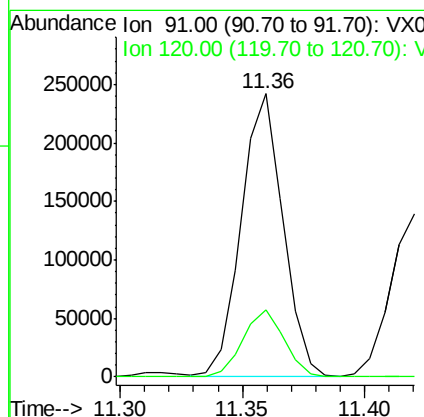
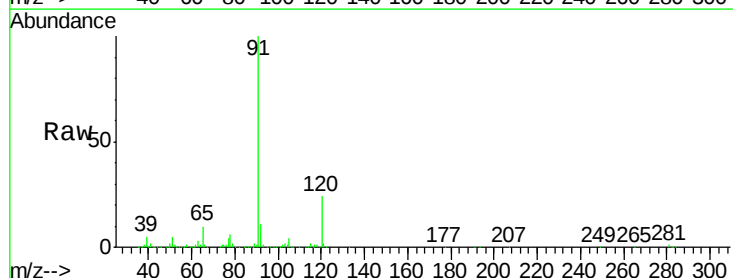
RT: 11.36 min Scan# 1674

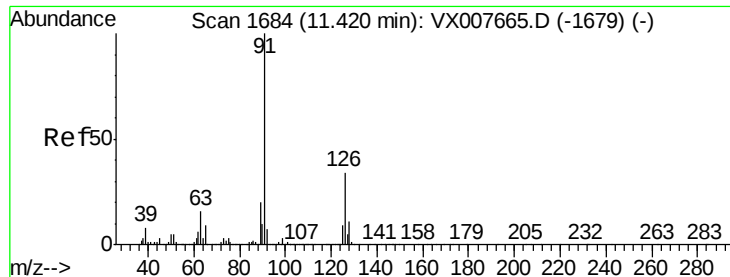
Delta R.T. 0.00 min

Lab File: VX007766.D

Acq: 28 Feb 2019 15:05

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	23.6	12.4	37.2	





#79

2-Chlorotoluene

Concen: 17.705 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX007766.D

Acq: 28 Feb 2019 15:05

Instrument :

MSVOA_X

ClientSampled :

VX0228WBSD01

Tot Ion: 91 Resp: 172220

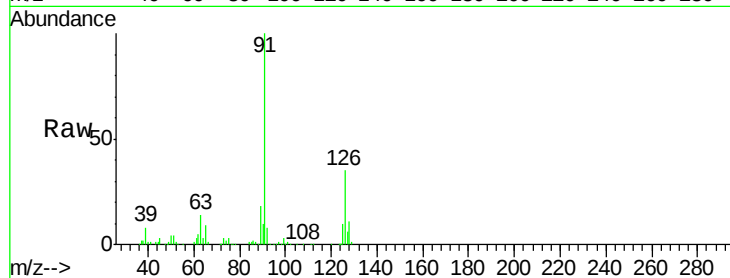
Ion Ratio Lower Upper

91 100

126 35.7 18.7 56.1

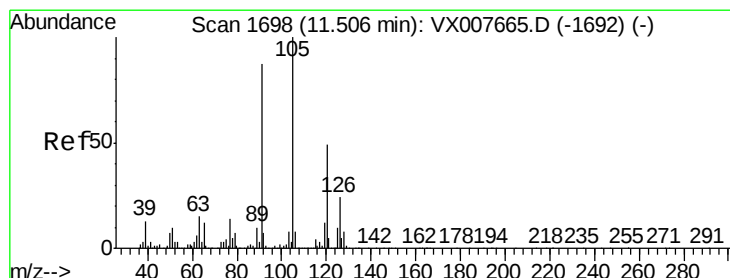
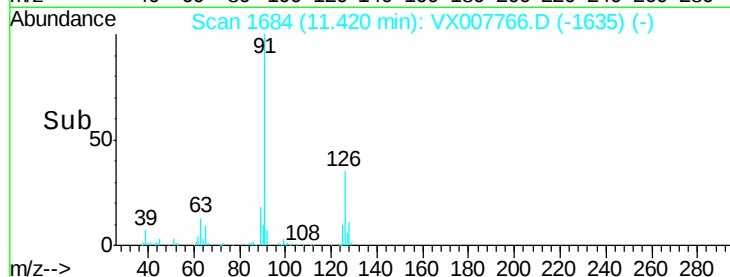
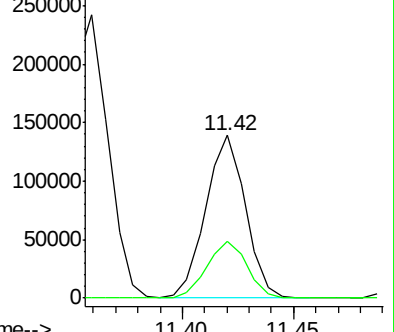
Manual Integrations
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 18.105 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX007766.D

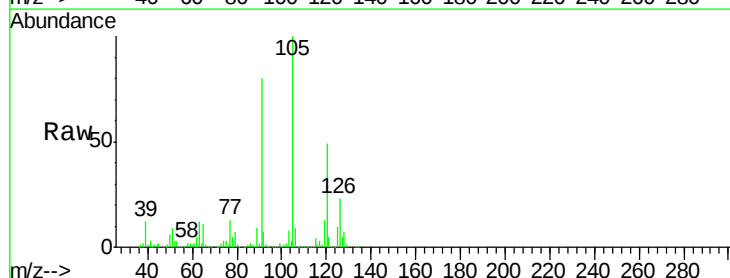
Acq: 28 Feb 2019 15:05

Tgt Ion:105 Resp: 212910

Ion Ratio Lower Upper

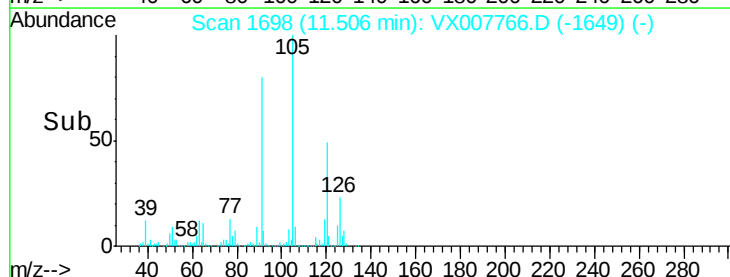
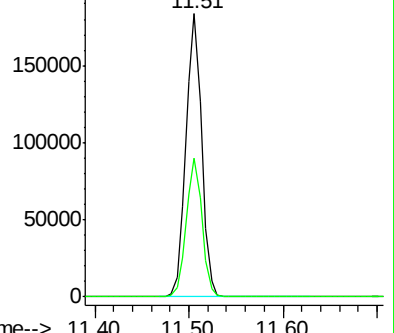
105 100

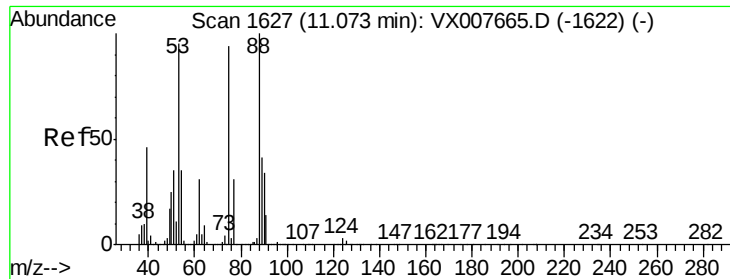
120 48.7 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





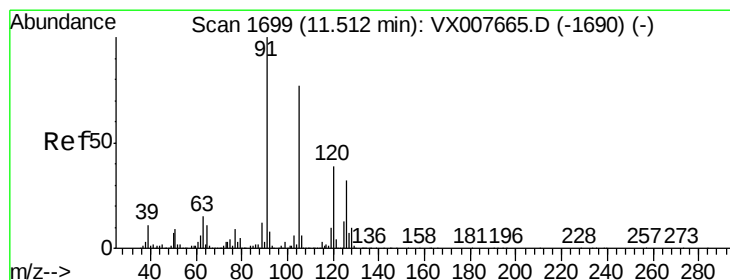
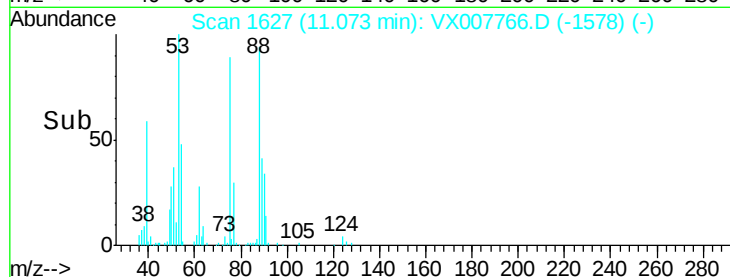
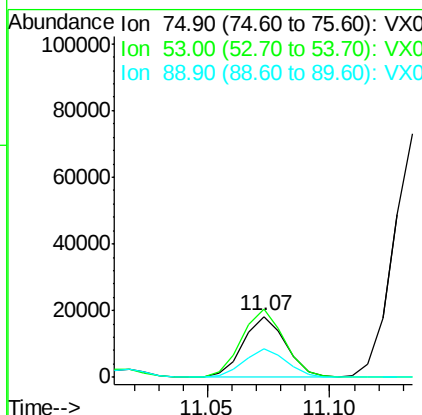
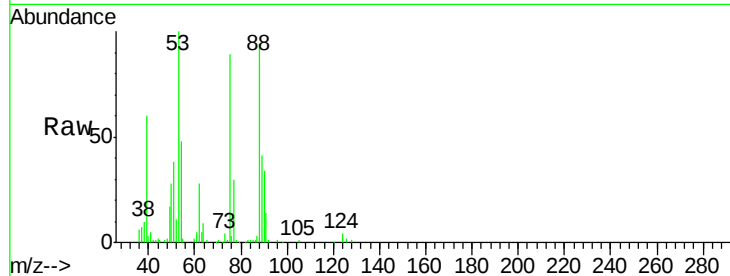
#81
trans-1,4-Dichloro-2-butene
Concen: 15.980 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX007766.D
Acq: 28 Feb 2019 15:05

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	112.6	81.0	121.6
89	47.5	41.4	62.0

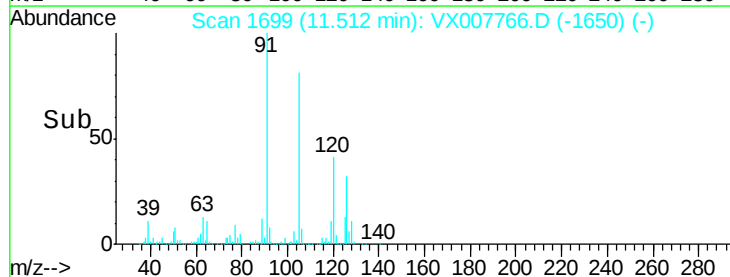
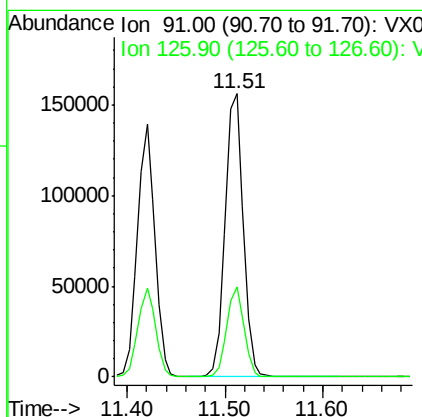
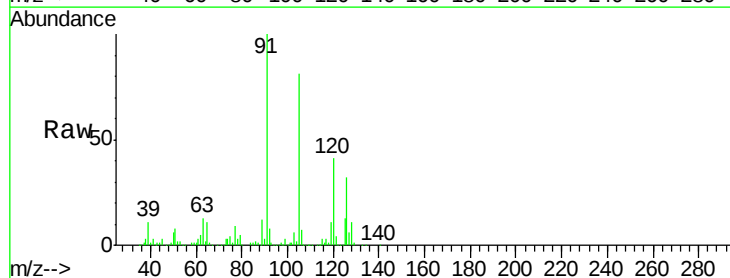
Manual Integrations
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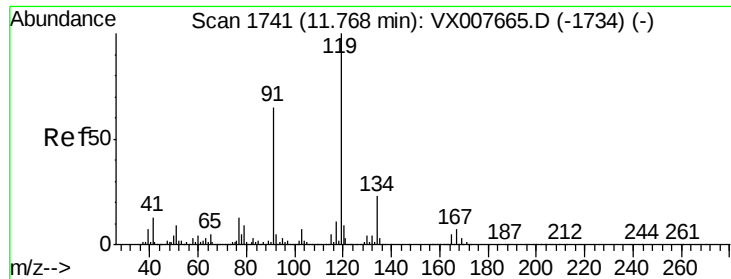
MMDadoda
3/1/2019 10:04:14 AM



#82
4-Chlorotoluene
Concen: 17.626 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX007766.D
Acq: 28 Feb 2019 15:05

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.5	16.2	48.5





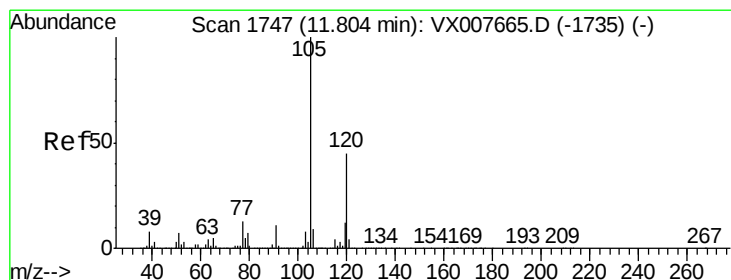
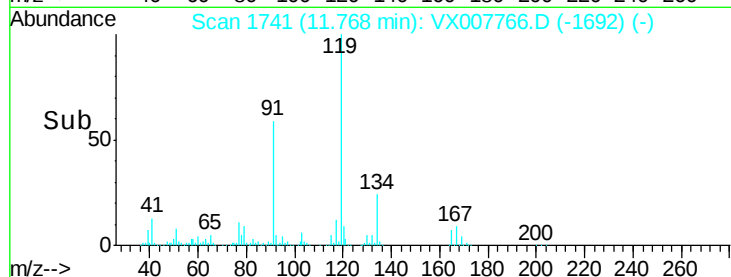
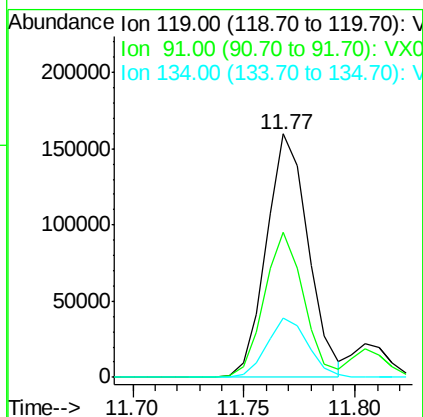
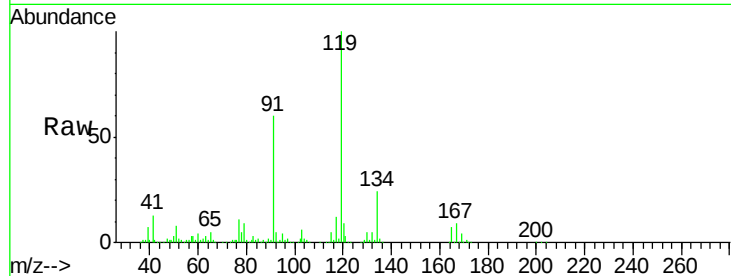
#83
tert-Butylbenzene
Concen: 18.437 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX007766.D
Acq: 28 Feb 2019 15:05

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	208171		
91	56.7	28.5	85.6	
134	23.9	12.0	36.0	

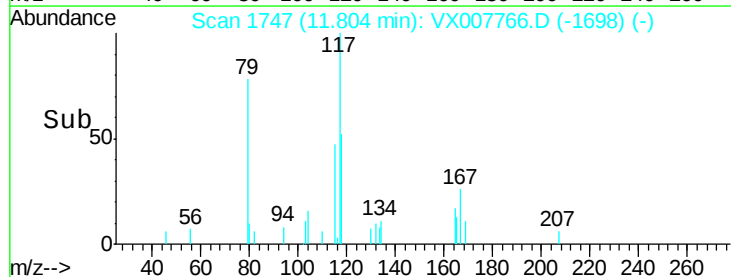
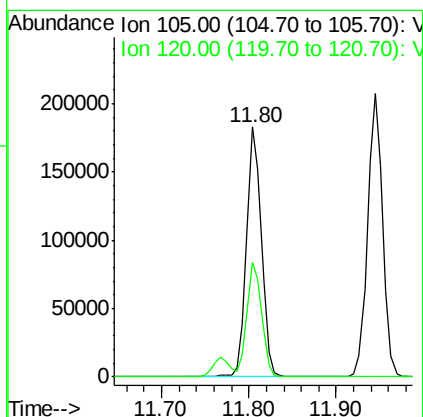
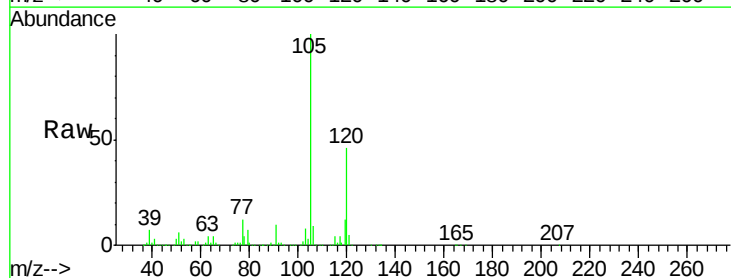
Manual Integrations
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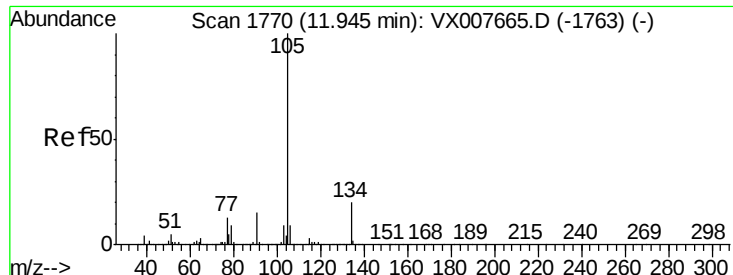
MMDadoda
3/1/2019 10:04:14 AM



#84
1,2,4-Trimethylbenzene
Concen: 18.053 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX007766.D
Acq: 28 Feb 2019 15:05

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	217158		
120	44.9	23.1	69.3	





#85

sec-Butylbenzene

Concen: 17.748 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007766.D

Acq: 28 Feb 2019 15:05

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBSD01

Tot Ion:105 Resp: 251115

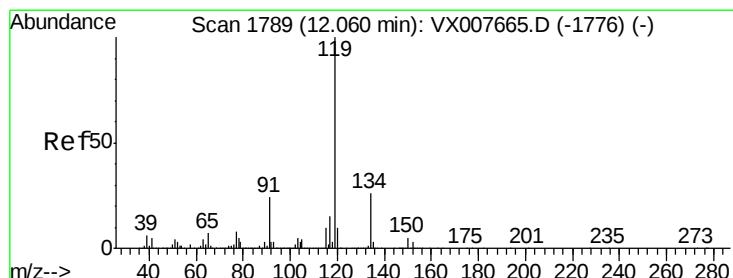
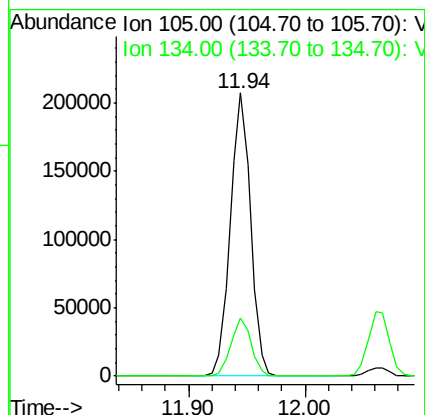
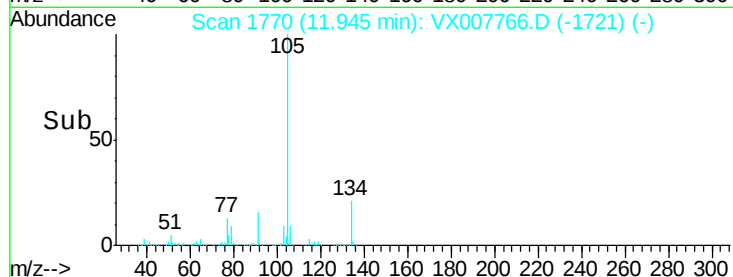
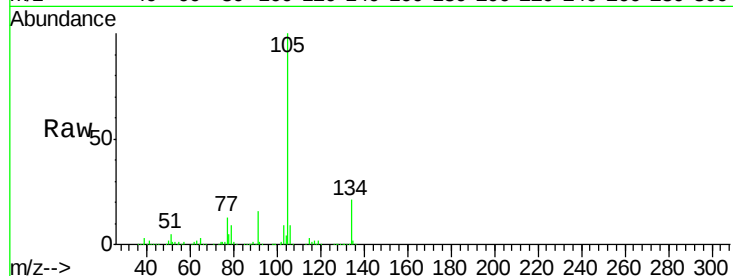
Ion Ratio Lower Upper

105 100

134 20.5 10.6 31.8

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#86

p-Isopropyltoluene

Concen: 18.073 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX007766.D

Acq: 28 Feb 2019 15:05

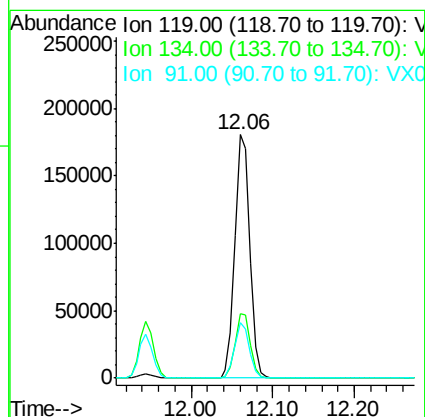
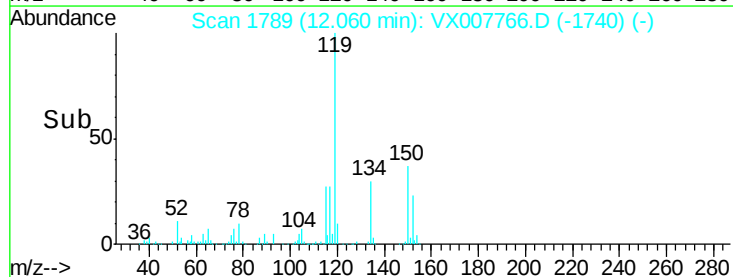
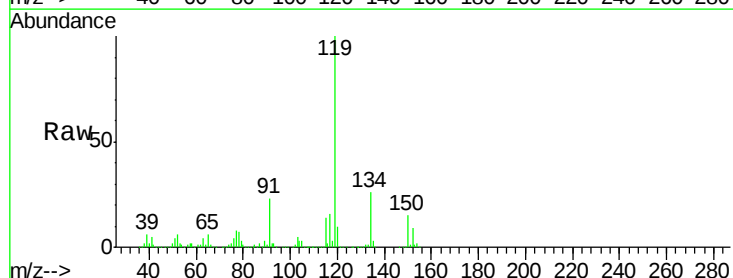
Tgt Ion:119 Resp: 223938

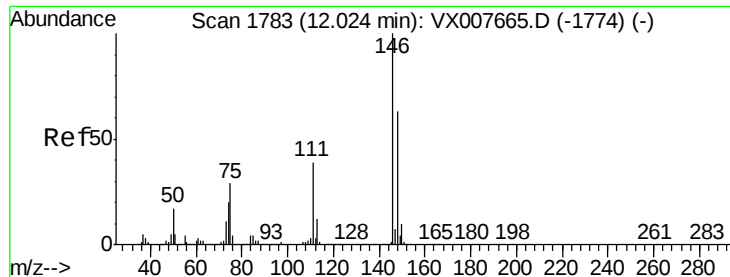
Ion Ratio Lower Upper

119 100

134 26.5 13.7 41.1

91 22.5 11.2 33.5





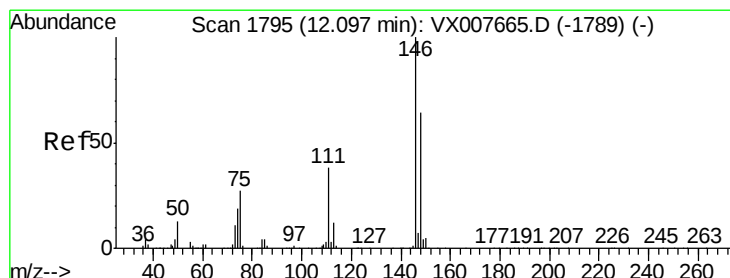
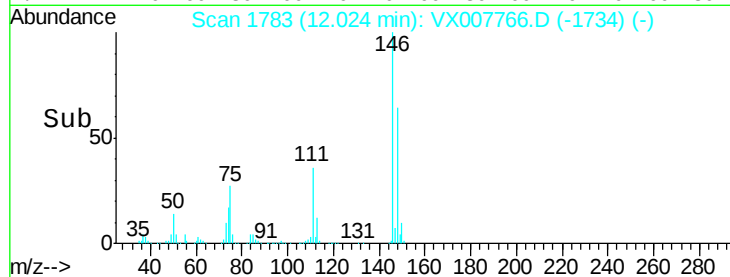
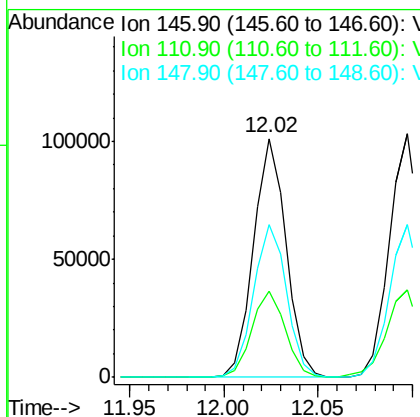
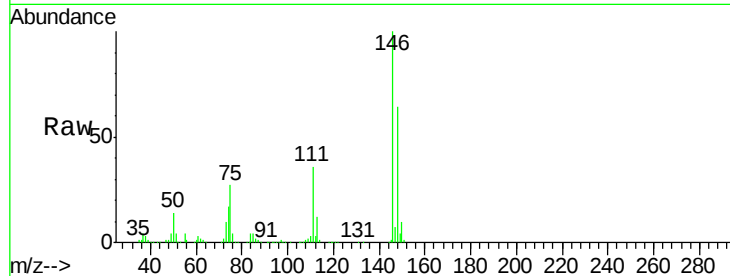
#87
 1,3-Dichlorobenzene
 Concen: 18.271 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX007766.D
 Acq: 28 Feb 2019 15:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0228WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.1	54.1
148	64.7	32.0	96.2

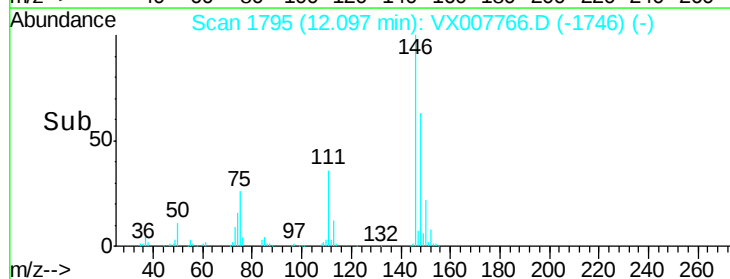
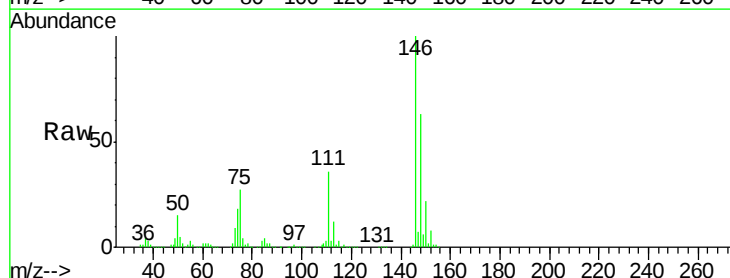
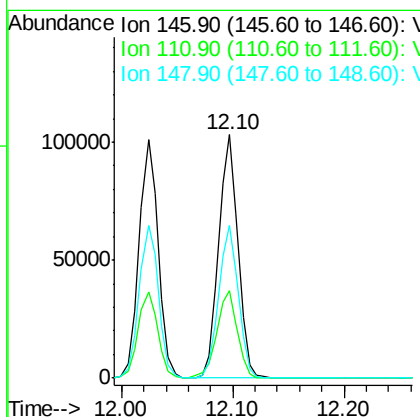
Manual Integrations
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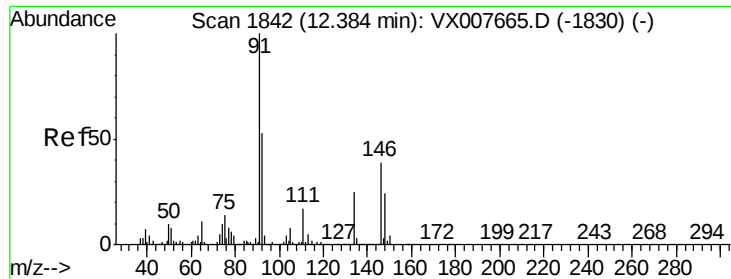
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#88
 1,4-Dichlorobenzene
 Concen: 18.161 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX007766.D
 Acq: 28 Feb 2019 15:05

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.1	54.1
148	63.9	32.3	96.9





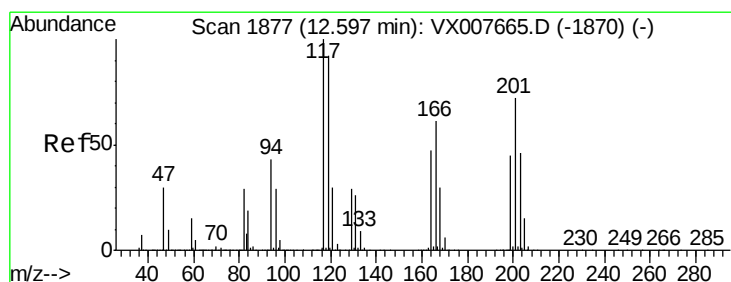
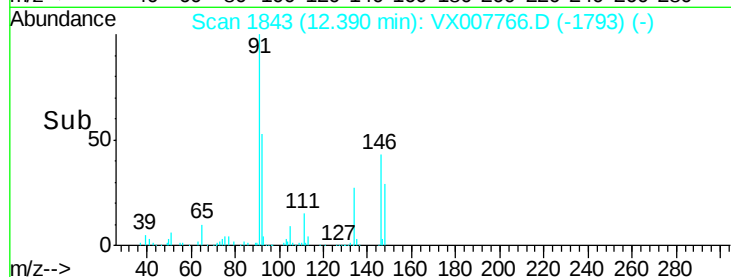
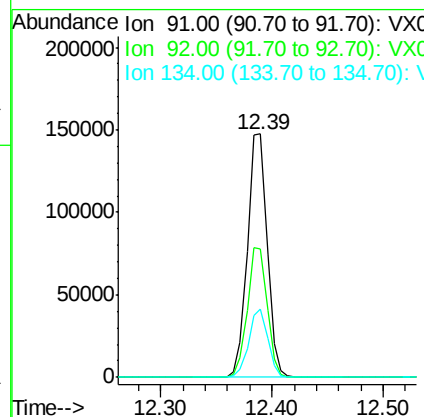
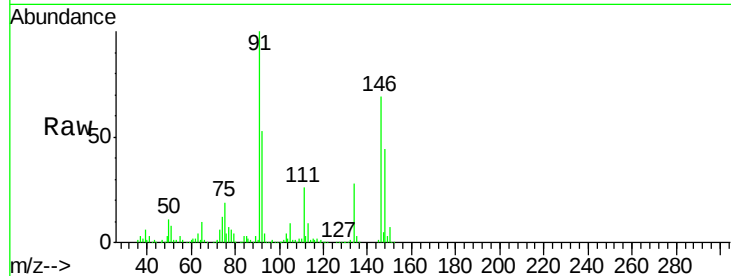
#89
n-Butylbenzene
Concen: 16.500 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VX007766.D
Acq: 28 Feb 2019 15:05

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	182329		
92	53.3	26.3	78.9	
134	26.7	13.9	41.6	

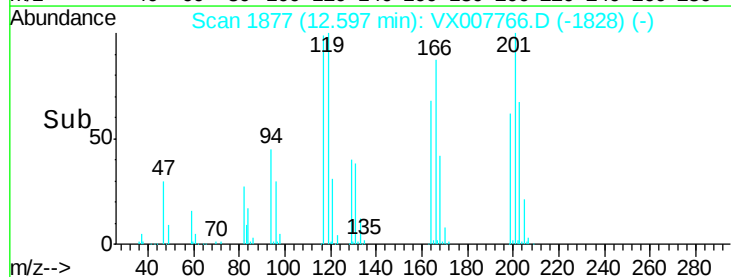
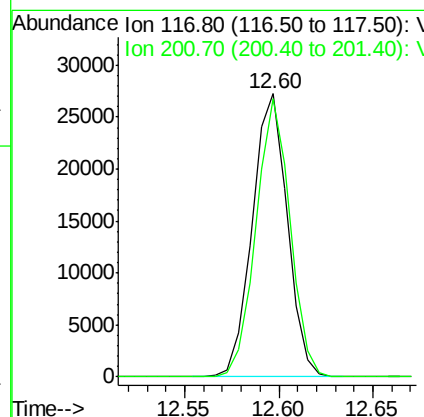
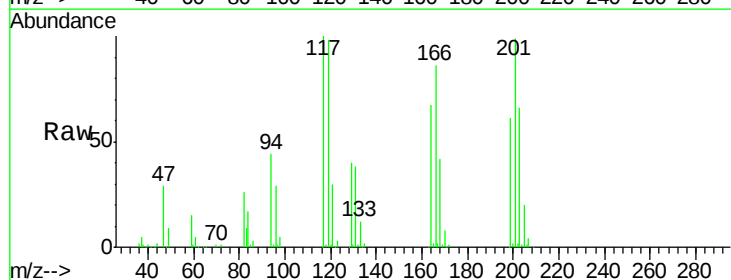
Manual Integrations
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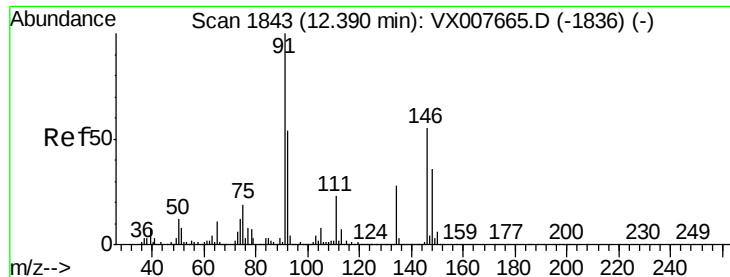
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#90
Hexachloroethane
Concen: 16.800 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007766.D
Acq: 28 Feb 2019 15:05

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	35074		
201	95.3	44.9	134.7	





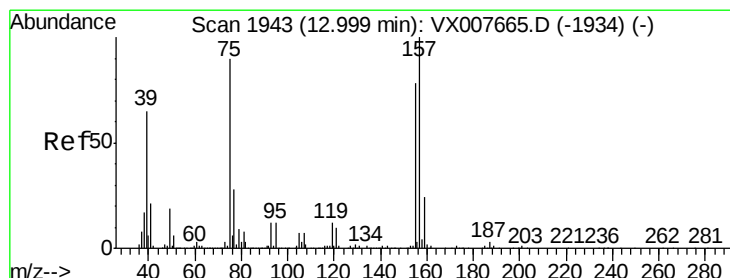
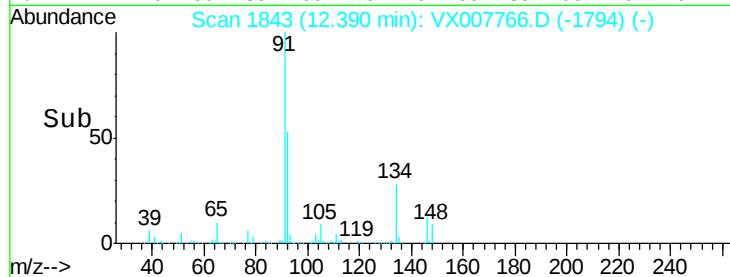
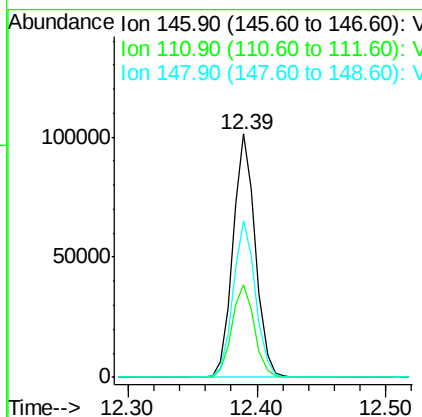
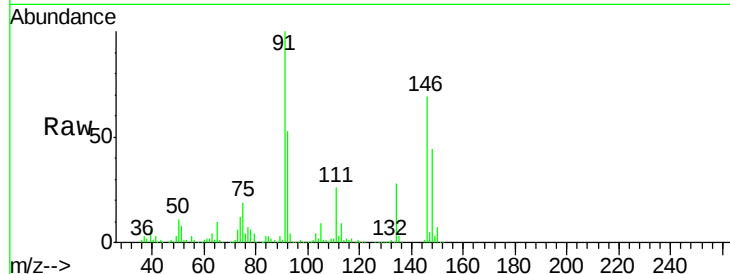
#91
 1,2-Dichlorobenzene
 Concen: 18.433 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX007766.D
 Acq: 28 Feb 2019 15:05

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0228WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	122677		
111	38.6	19.1	57.3	
148	64.4	32.1	96.3	

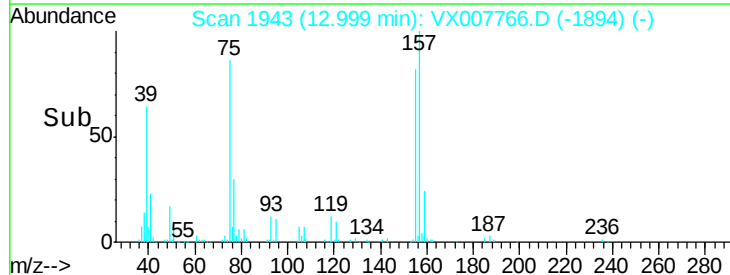
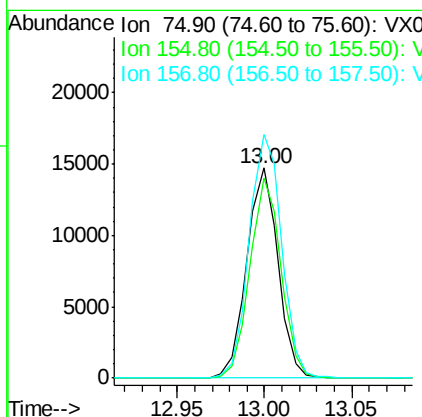
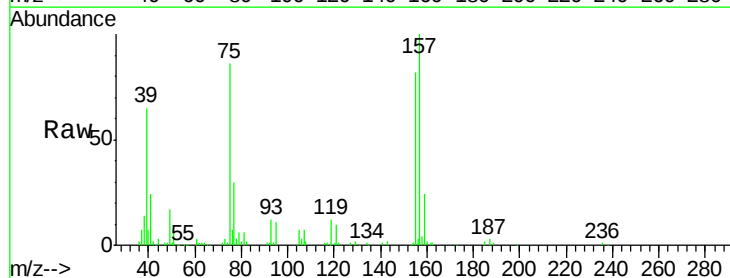
Manual Integrations
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.979 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX007766.D
 Acq: 28 Feb 2019 15:05

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	18293		
155	94.7	49.6	149.0	
157	120.3	65.1	195.3	





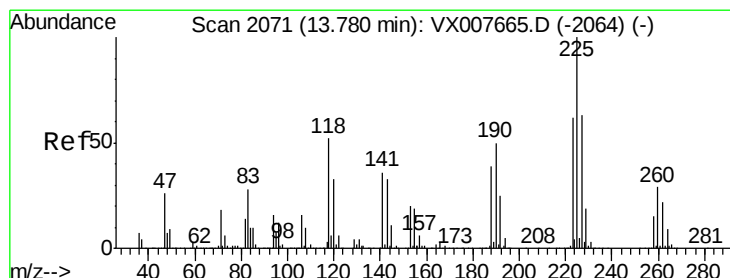
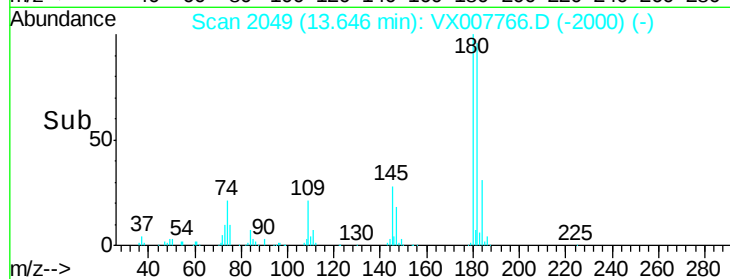
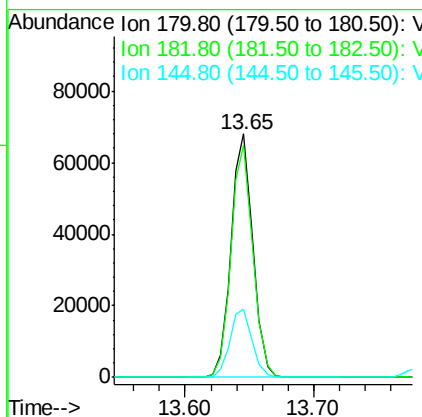
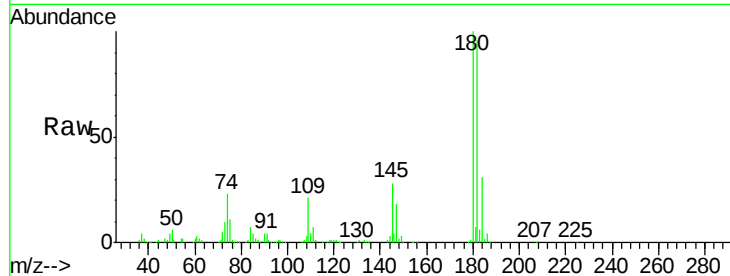
#93
1,2,4-Trichlorobenzene
Concen: 19.904 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. 0.00 min
Lab File: VX007766.D
Acq: 28 Feb 2019 15:05

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	80859		
182	95.3		47.8	143.3
145	28.5		14.1	42.2

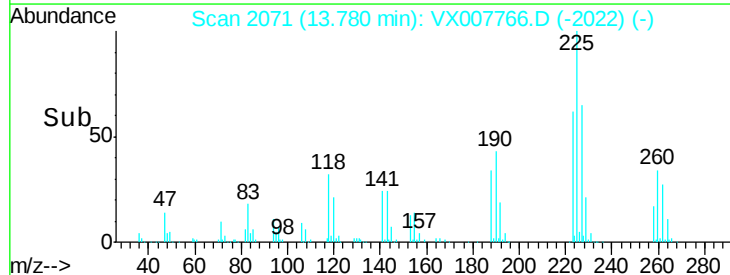
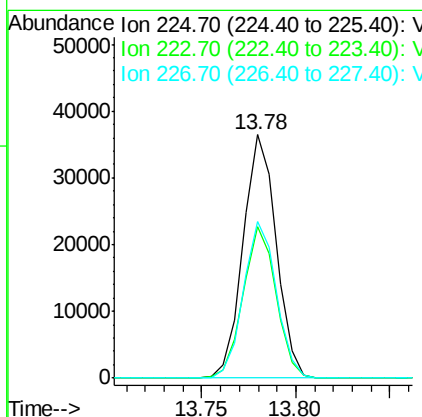
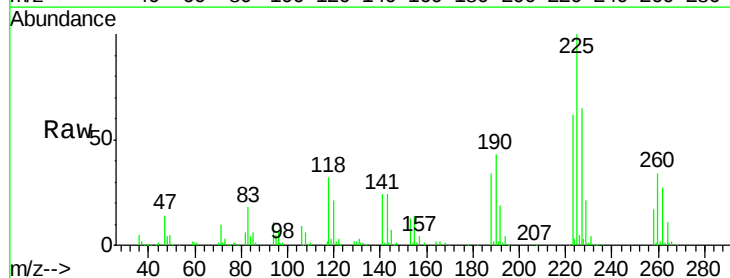
Manual Integrations
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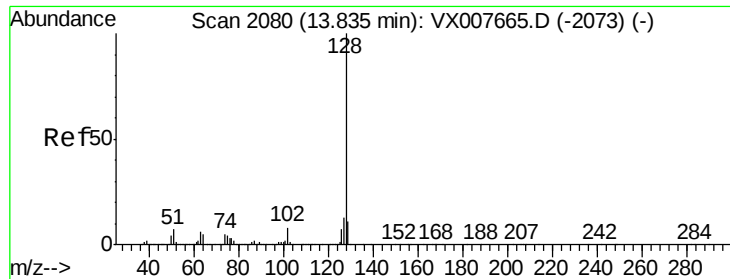
MMDadoda
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#94
Hexachlorobutadiene
Concen: 23.924 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. 0.00 min
Lab File: VX007766.D
Acq: 28 Feb 2019 15:05

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	44460		
223	61.8		31.6	94.8
227	63.9		32.1	96.3





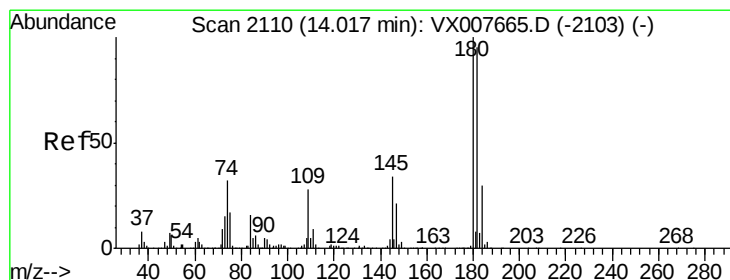
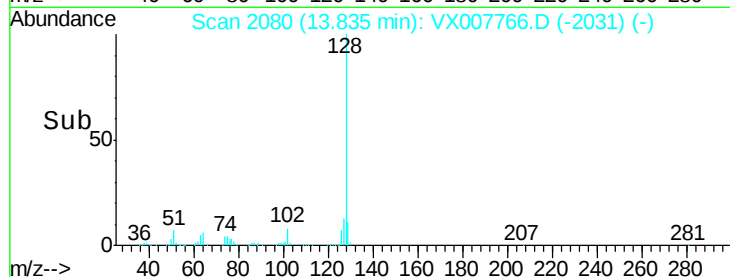
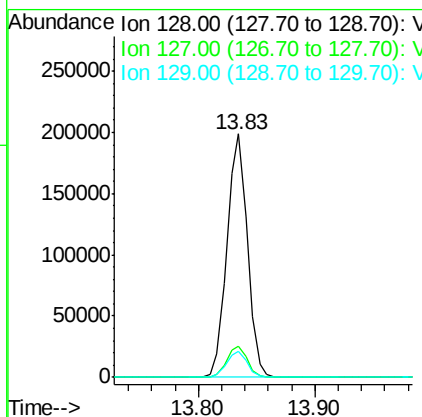
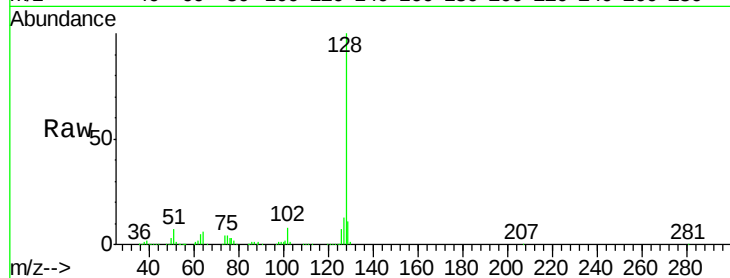
#95
Naphthalene
Concen: 18.342 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX007766.D
Acq: 28 Feb 2019 15:05

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.5	15.7
129	10.7	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
3/1/2019 10:04:14 AM



#96
1,2,3-Trichlorobenzene
Concen: 20.249 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX007766.D
Acq: 28 Feb 2019 15:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.5	142.6
145	30.2	14.9	44.5

