

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030119\
 Data File : VX007784.D
 Acq On : 01 Mar 2019 12:47
 Operator : JC/SP
 Sample : VX0301WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0301WBS01

Manual Integrations
 APPROVED

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 3/4/2019 1:35:59 PM

Quant Time: Mar 01 13:43:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	300514	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	433362	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	393693	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	198464	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	166890	44.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.66%	
35) Dibromofluoromethane	5.50	113	139846	48.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.54%	
50) Toluene-d8	8.71	98	528892	47.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.38%	
62) 4-Bromofluorobenzene	11.13	95	186716	45.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	49321	17.816	ug/l	100
3) Chloromethane	1.33	50	57725	18.817	ug/l	97
4) Vinyl Chloride	1.41	62	59850	19.016	ug/l	100
5) Bromomethane	1.64	94	33673	15.925	ug/l	98
6) Chloroethane	1.73	64	41590	20.683	ug/l	100
7) Trichlorofluoromethane	1.93	101	83536	17.314	ug/l	96
8) Diethyl Ether	2.19	74	35733	18.046	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	2.39	101	50727	17.395	ug/l	98
10) Methyl Iodide	2.51	142	71190	19.605	ug/l	100
11) Tert butyl alcohol	3.07	59	71261	100.897	ug/l	99
12) 1,1-Dichloroethene	2.38	96	47831	18.196	ug/l	95
13) Acrolein	2.30	56	77454	123.412	ug/l	100
14) Allyl chloride	2.73	41	99387	20.448	ug/l	93
15) Acrylonitrile	3.15	53	172304	103.668	ug/l	100
16) Acetone	2.45	43	157819	95.338	ug/l	99
17) Carbon Disulfide	2.57	76	127658	17.456	ug/l	98
18) Methyl Acetate	2.78	43	80031	22.156	ug/l	96
19) Methyl tert-butyl Ether	3.20	73	173454	18.949	ug/l	100
20) Methylene Chloride	2.86	84	55542	18.171	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	50780	17.769	ug/l	91
22) Diisopropyl ether	3.87	45	201996	19.964	ug/l	95
23) Vinyl Acetate	3.82	43	866884	97.654	ug/l	97
24) 1,1-Dichloroethane	3.70	63	104709	19.042	ug/l	99
25) 2-Butanone	4.70	43	259460	102.897	ug/l	94
26) 2,2-Dichloropropane	4.59	77	75221	17.137	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	63810	17.549	ug/l	93
28) Bromochloromethane	5.02	49	50381	18.820	ug/l	85
29) Tetrahydrofuran	5.15	42	169012	101.684	ug/l	93
30) Chloroform	5.21	83	105508	17.912	ug/l	98
31) Cyclohexane	5.58	56	93594	18.094	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	87216	17.904	ug/l	97
36) 1,1-Dichloropropene	5.80	75	76603	19.662	ug/l	97
37) Ethyl Acetate	4.85	43	95036	21.959	ug/l	100
38) Carbon Tetrachloride	5.78	117	74496	19.035	ug/l	98

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Manual Integrations
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 3/4/2019 1:35:59 PM

Quant Time: Mar 01 13:43:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	91471	18.576	ug/l	93
40) Benzene	6.15	78	243065	20.210	ug/l	100
41) Methacrylonitrile	5.06	41	54345	23.515	ug/l	94
42) 1,2-Dichloroethane	6.20	62	83048	20.544	ug/l	99
43) Isopropyl Acetate	6.46	43	144755	21.732	ug/l	98
44) Trichloroethene	7.21	130	64790	19.583	ug/l	93
45) 1,2-Dichloropropane	7.52	63	64993	20.861	ug/l	97
46) Dibromomethane	7.66	93	40574	18.668	ug/l	98
47) Bromodichloromethane	7.90	83	75893	20.149	ug/l	99
48) Methyl methacrylate	7.77	41	76437	21.892	ug/l	92
49) 1,4-Dioxane	7.75	88	30836	408.905	ug/l	91
51) 4-Methyl-2-Pentanone	8.65	43	491504	110.236	ug/l	99
52) Toluene	8.78	92	150884	19.895	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	80321	18.994	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	91004	19.910	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	62806	19.859	ug/l	98
56) Ethyl methacrylate	9.18	69	93006	20.680	ug/l	94
57) 1,3-Dichloropropane	9.37	76	103936	20.530	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	256930	103.597	ug/l	97
59) 2-Hexanone	9.49	43	372139	106.312	ug/l	99
60) Dibromochloromethane	9.58	129	61036	20.057	ug/l	99
61) 1,2-Dibromoethane	9.67	107	65458	19.935	ug/l	100
64) Tetrachloroethene	9.33	164	66964	20.952	ug/l	99
65) Chlorobenzene	10.14	112	165807	19.473	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	59779	20.127	ug/l	100
67) Ethyl Benzene	10.25	91	274773	19.480	ug/l	99
68) m/p-Xylenes	10.36	106	214135	39.023	ug/l	98
69) o-Xylene	10.70	106	103114	19.536	ug/l	96
70) Styrene	10.71	104	170985	19.708	ug/l	99
71) Bromoform	10.86	173	46929	21.070	ug/l #	100
73) Isopropylbenzene	11.02	105	276086	19.464	ug/l	99
74) N-amyl acetate	10.90	43	123098	19.984	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	93519	19.062	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	77571m	18.337	ug/l	
77) Bromobenzene	11.26	156	75624	21.256	ug/l	95
78) n-propylbenzene	11.36	91	306716	19.135	ug/l	98
79) 2-Chlorotoluene	11.42	91	186418	19.315	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	226464	19.410	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	25308	18.076	ug/l	94
82) 4-Chlorotoluene	11.51	91	213291	18.892	ug/l	98
83) tert-Butylbenzene	11.77	119	222158	19.831	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	234352	19.636	ug/l	98
85) sec-Butylbenzene	11.94	105	269900	19.227	ug/l	99
86) p-Isopropyltoluene	12.06	119	242592	19.733	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	129652	19.646	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	130203	19.265	ug/l	98
89) n-Butylbenzene	12.39	91	196787	17.949	ug/l	99
90) Hexachloroethane	12.60	117	37483	18.095	ug/l	92
91) 1,2-Dichlorobenzene	12.39	146	130608	19.780	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	19002	17.776	ug/l	96

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MSVOA_X
ClientSampleId :
VX0301WBS01

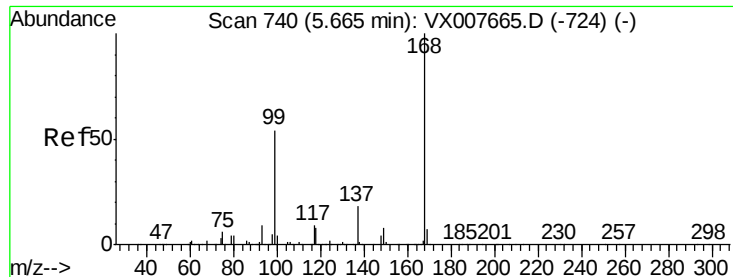
Manual Integrations
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3/4/2019 1:35:59 PM

Quant Time: Mar 01 13:43:50 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)
93) 1,2,4-Trichlorobenzene	13.65	180	86655	21.499	ug/l	100
94) Hexachlorobutadiene	13.78	225	48913	26.528	ug/l	98
95) Naphthalene	13.83	128	257125	19.690	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	88194	21.792	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007784.D

Acq: 01 Mar 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

VX0301WBS01

Tot Ion:168 Resp: 300514

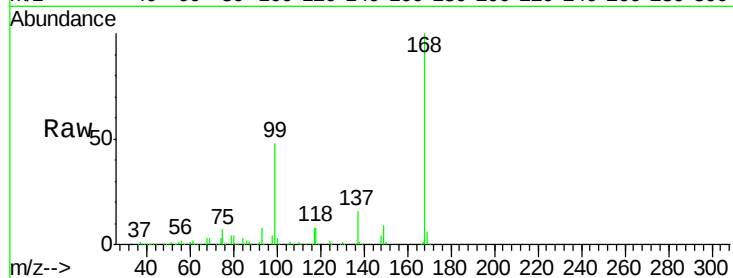
Ion Ratio Lower Upper

168 100

99 48.4 37.9 56.9

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

120000

100000

80000

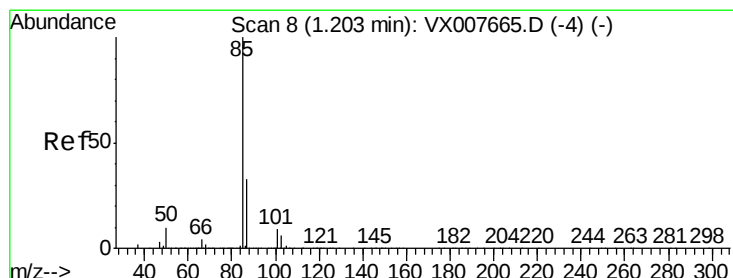
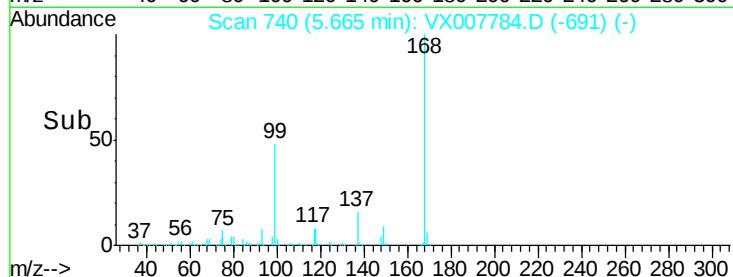
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 17.816 ug/l

RT: 1.20 min Scan# 8

Delta R.T. -0.00 min

Lab File: VX007784.D

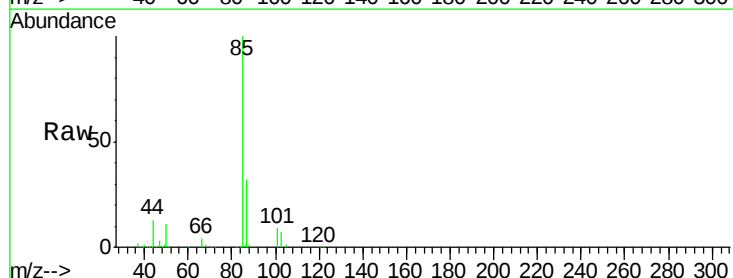
Acq: 01 Mar 2019 12:47

Tgt Ion: 85 Resp: 49321

Ion Ratio Lower Upper

85 100

87 31.5 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

50000

40000

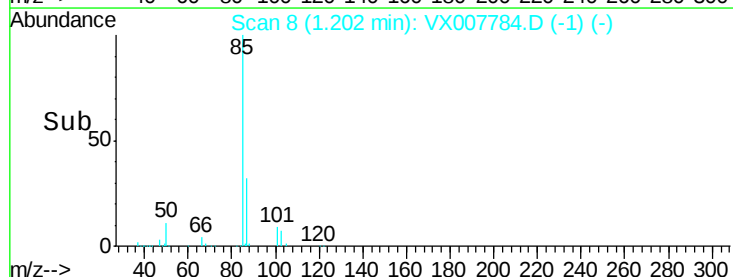
30000

20000

10000

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Time-->





#3

Chloromethane

Concen: 18.817 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007784.D

Acq: 01 Mar 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

VX0301WBS01

Tot Ion: 50 Resp: 57725

Ion Ratio Lower Upper

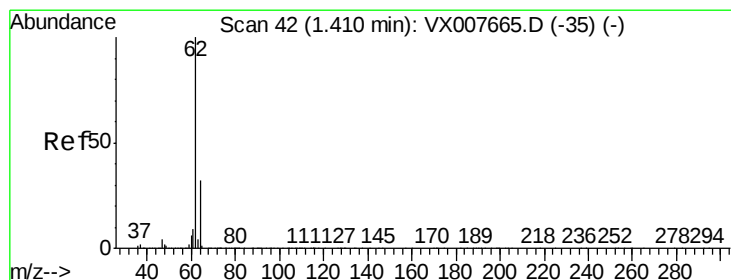
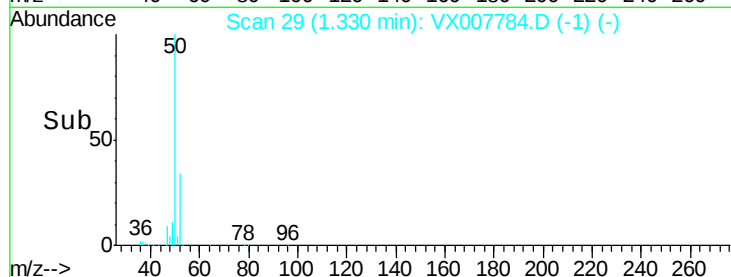
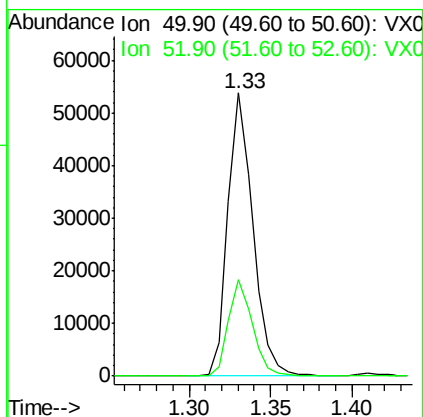
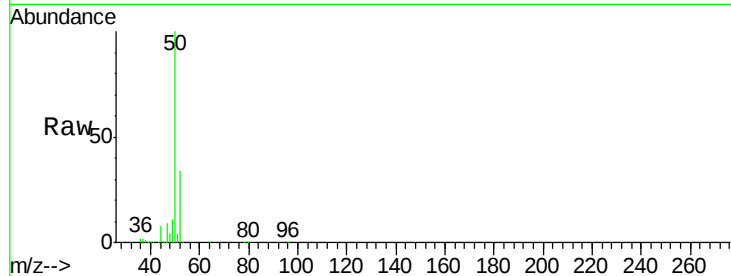
50 100

52 34.1 26.1 39.1

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#4

Vinyl Chloride

Concen: 19.016 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007784.D

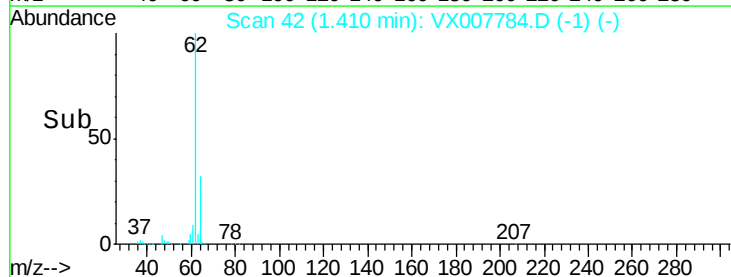
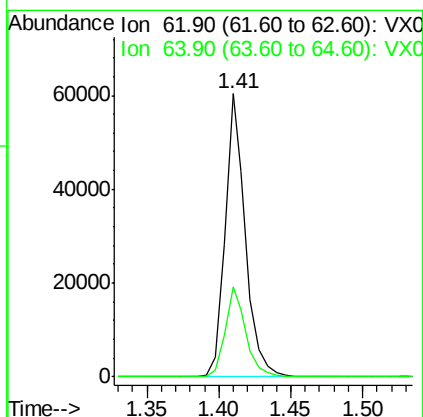
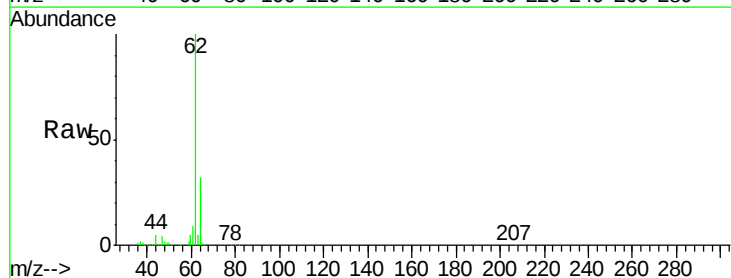
Acq: 01 Mar 2019 12:47

Tgt Ion: 62 Resp: 59850

Ion Ratio Lower Upper

62 100

64 31.5 25.4 38.0





#5

Bromomethane

Concen: 15.925 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007784.D

Acq: 01 Mar 2019 12:47

Tot Ion: 94 Resp: 33673

Ion Ratio Lower Upper

94 100

96 94.2 73.9 110.9

Instrument :

MSVOA_X

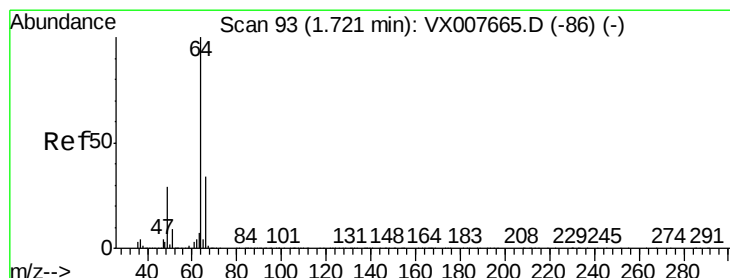
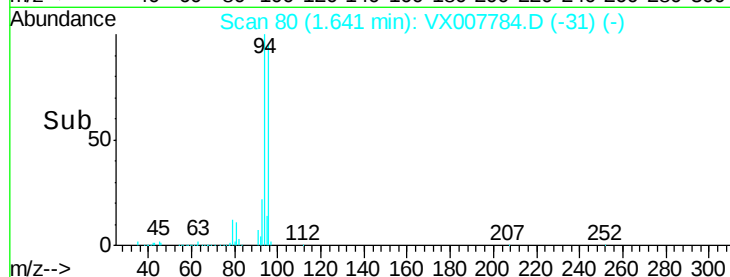
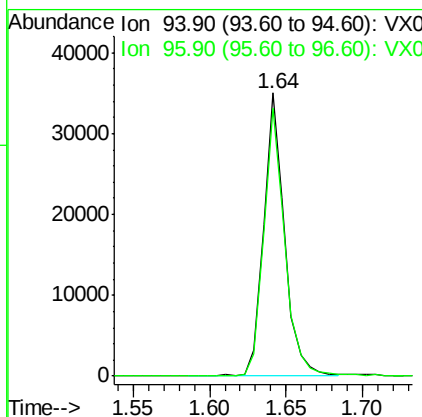
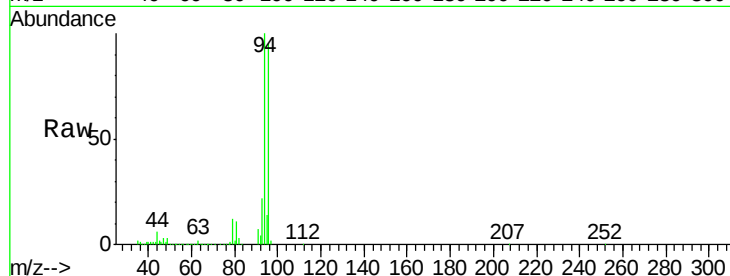
ClientSampleId :

VX0301WBS01

Manual Integrations
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3/4/2019 1:35:59 PM



#6

Chloroethane

Concen: 20.683 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX007784.D

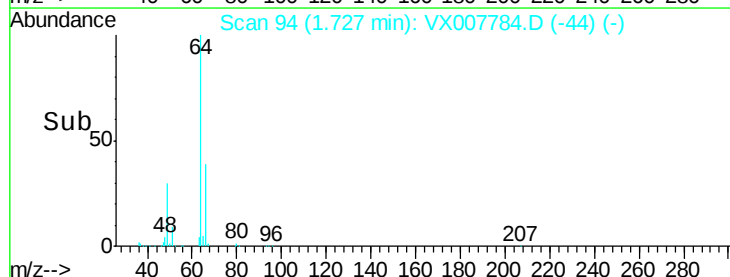
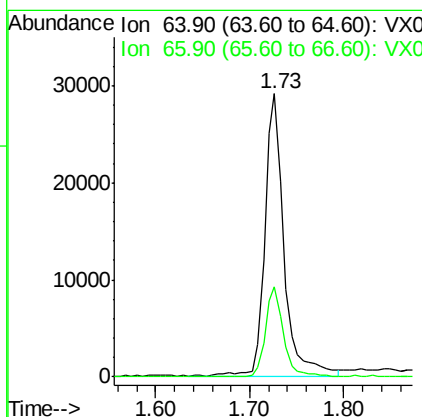
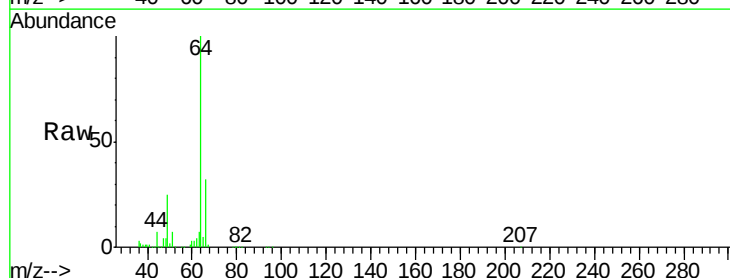
Acq: 01 Mar 2019 12:47

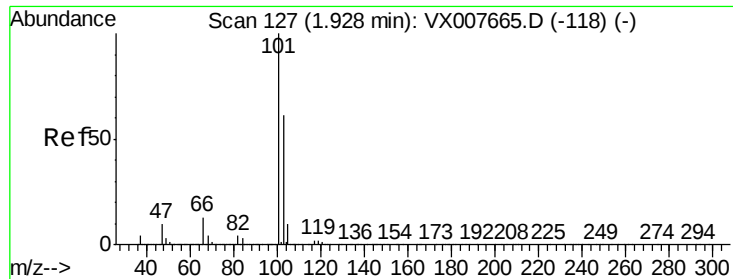
Tgt Ion: 64 Resp: 41590

Ion Ratio Lower Upper

64 100

66 31.8 25.5 38.3





#7

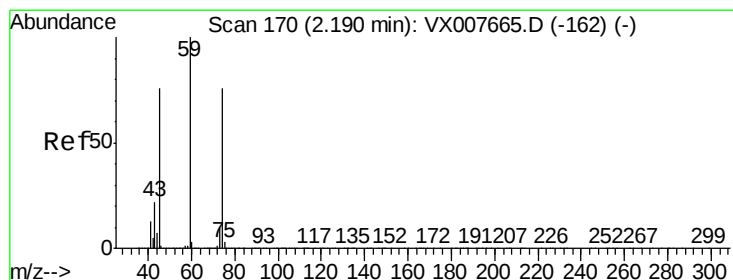
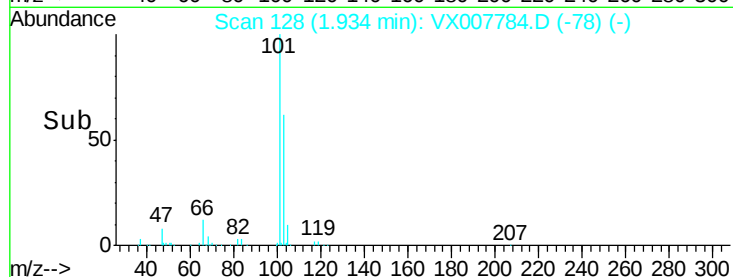
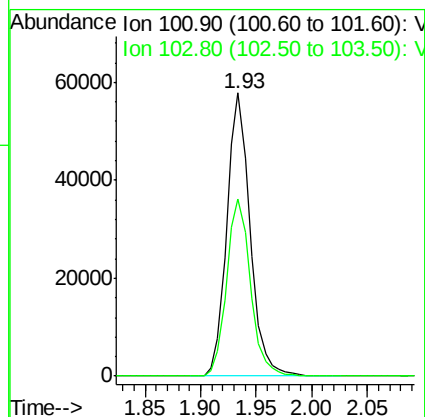
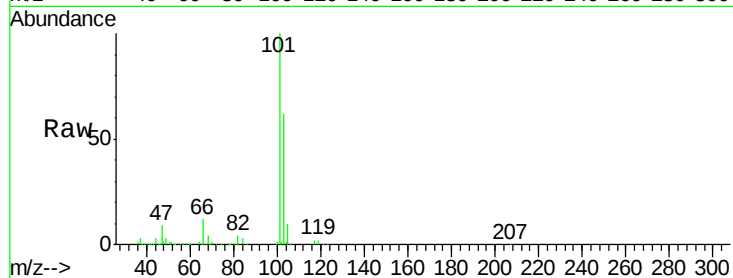
Trichlorofluoromethane
Concen: 17.314 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX007784.D
Acq: 01 Mar 2019 12:47

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ClientSampleId :
VX0301WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.5	52.6	79.0

Manual Integrations
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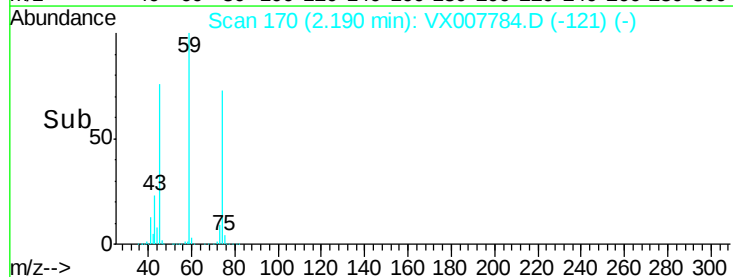
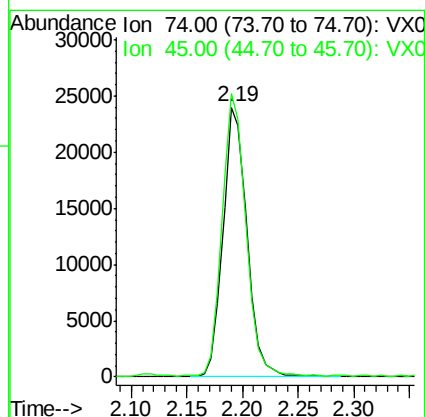
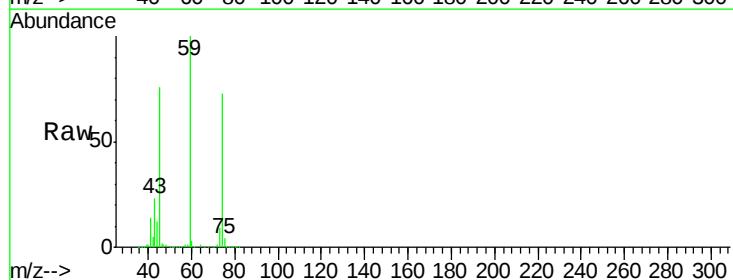
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3/4/2019 1:35:59 PM



#8

Diethyl Ether
Concen: 18.046 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007784.D
Acq: 01 Mar 2019 12:47

Tgt Ion	Ratio	Lower	Upper
74	100		
45	103.5	45.7	137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.395 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007784.D

Acq: 01 Mar 2019 12:47

Instrument :

MSVOA_X

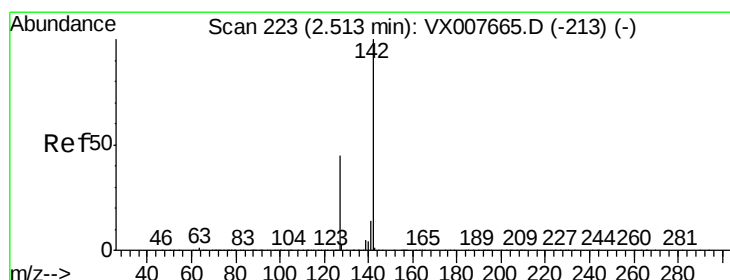
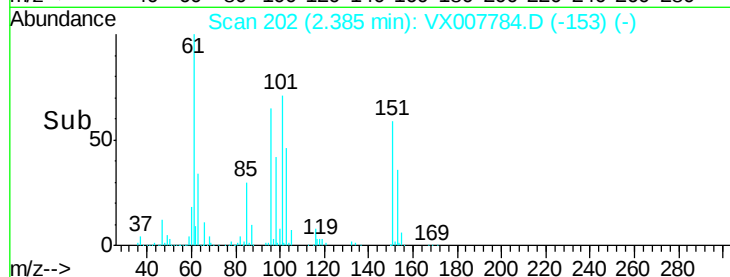
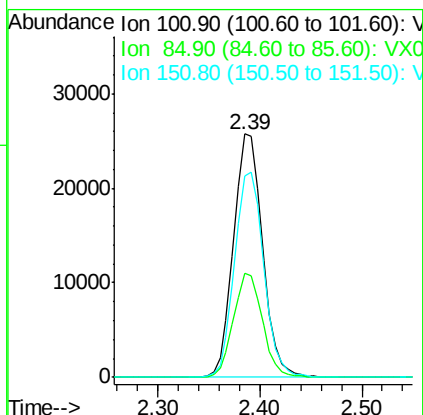
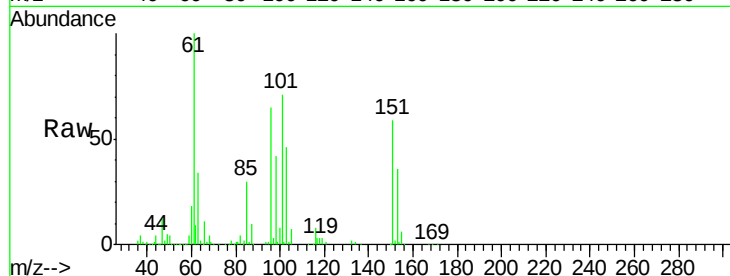
ClientSampleId :

VX0301WBS01

Tot Ion:	101	Resp:	50727
Ion Ratio	Lower	Upper	
101	100		
85	42.7	34.1	51.1
151	85.0	69.9	104.9

Manual Integrations
APPROVED

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3/4/2019 1:35:59 PM



#10

Methyl Iodide

Concen: 19.605 ug/l

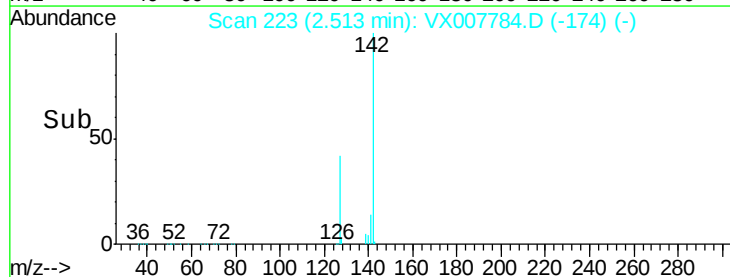
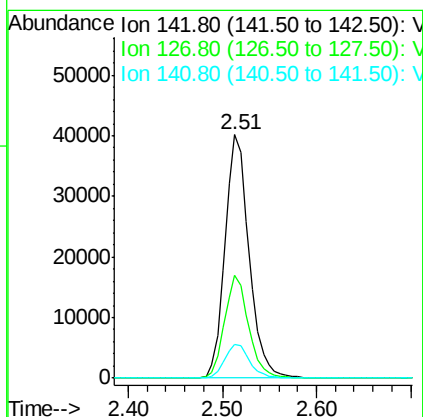
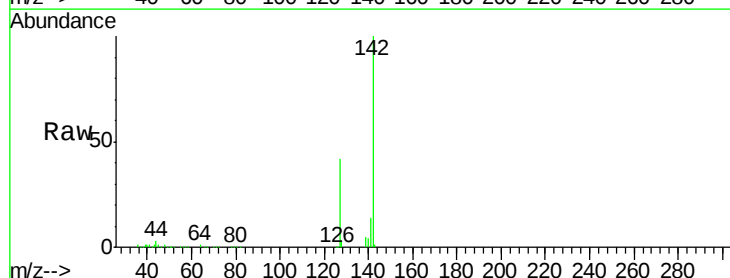
RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX007784.D

Acq: 01 Mar 2019 12:47

Tgt Ion:	142	Resp:	71190
Ion Ratio	Lower	Upper	
142	100		
127	42.0	33.7	50.5
141	14.3	11.3	16.9





#11

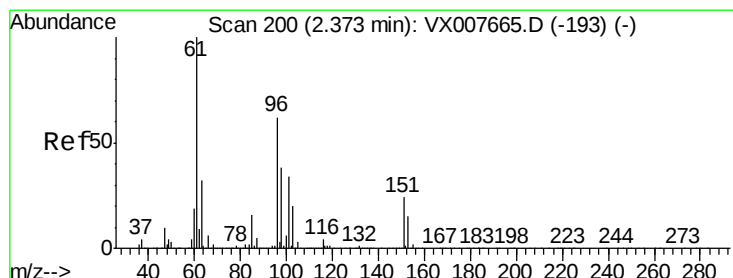
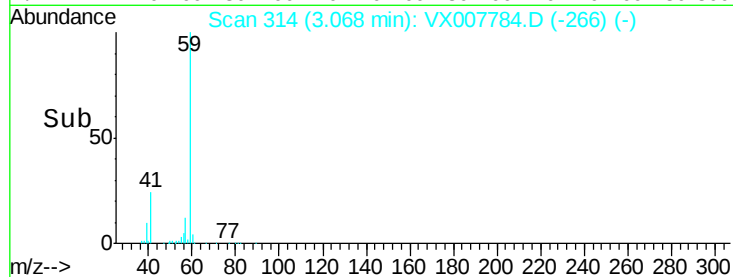
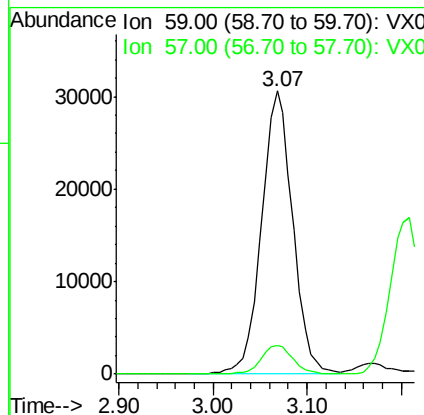
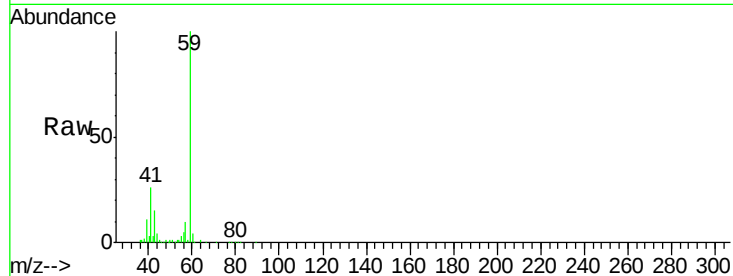
Tert butyl alcohol
Concen: 100.897 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX007784.D
Acq: 01 Mar 2019 12:47

Instrument :
MSVOA_X
ClientSampleId :
VX0301WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.1	12.1

Manual Integrations
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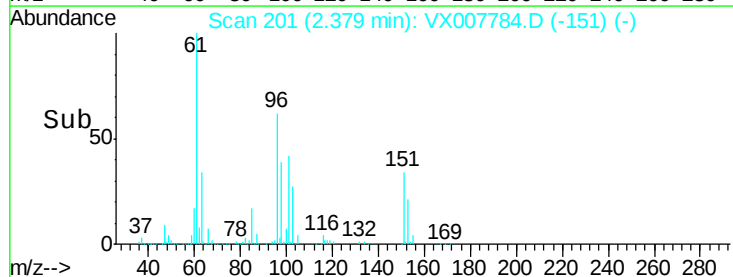
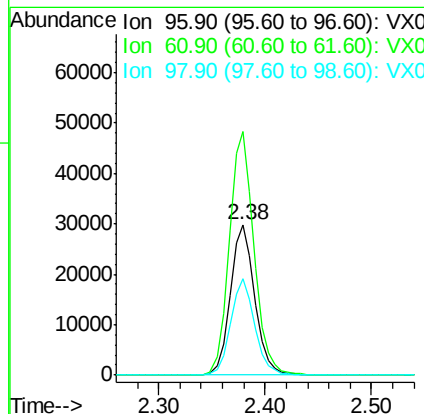
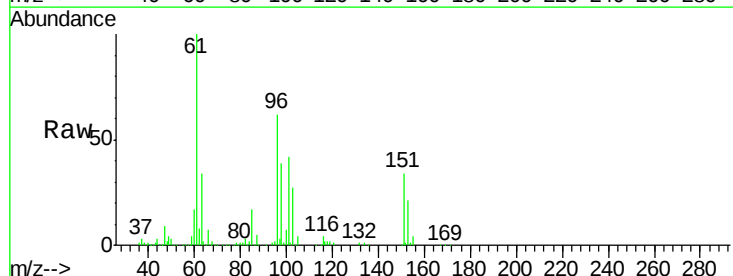
MMDadoda
3/4/2019 1:35:59 PM

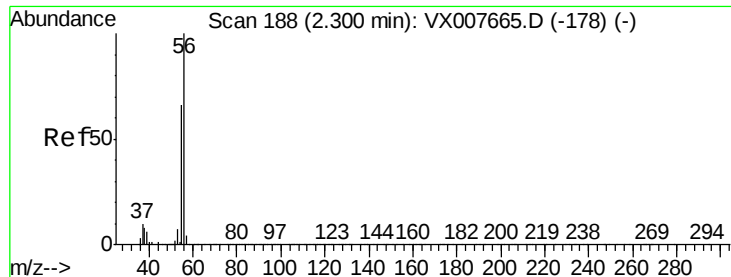


#12

1,1-Dichloroethene
Concen: 18.196 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX007784.D
Acq: 01 Mar 2019 12:47

Tgt Ion	Ratio	Lower	Upper
96	100		
61	162.0	123.0	184.4
98	63.8	50.9	76.3





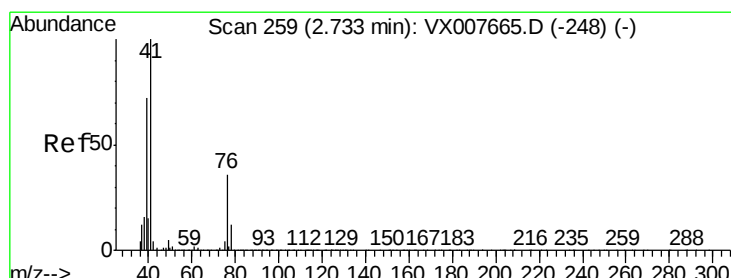
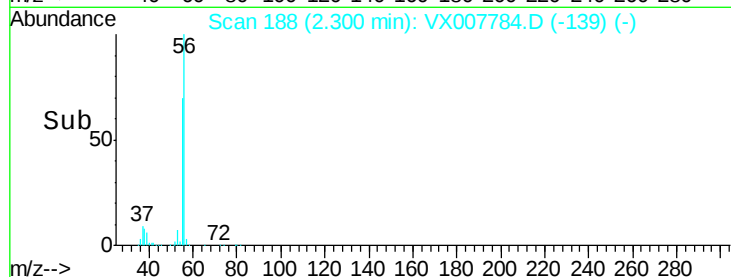
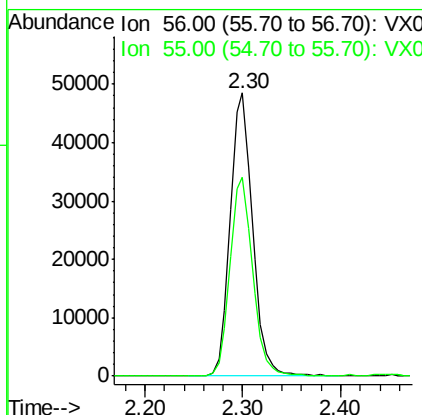
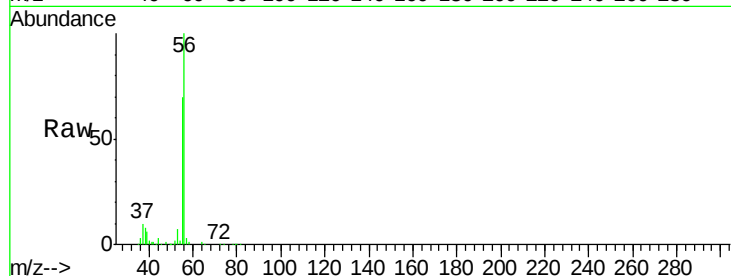
#13
Acrolein
Concen: 123.412 ug/l
RT: 2.30 min Scan# 188
Delta R.T. -0.00 min
Lab File: VX007784.D
Acq: 01 Mar 2019 12:47

Instrument :
MSVOA_X
ClientSampleId :
VX0301WBS01

Tot Ion	Ion	Ratio	Lower	Upper
56	56	100		
55	55	71.5	56.9	85.3

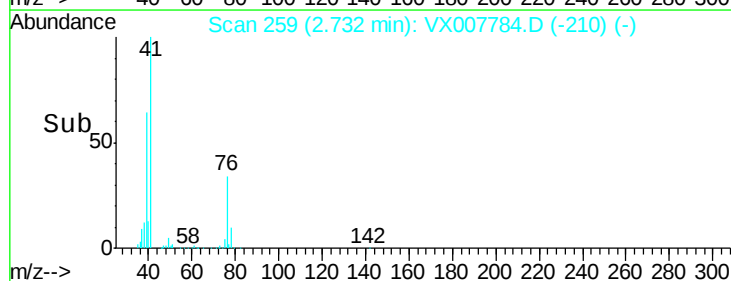
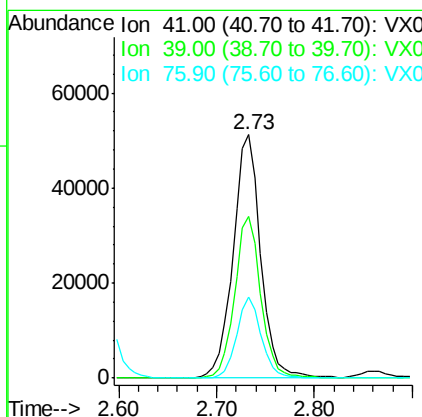
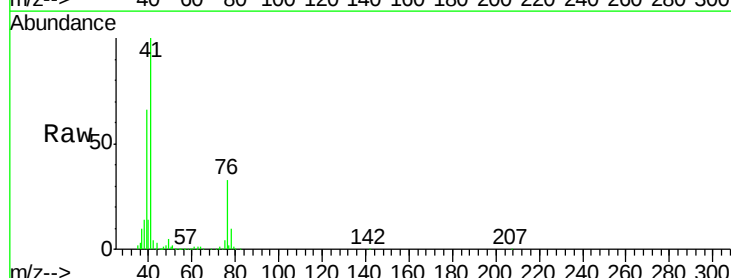
Manual Integrations
APPROVED

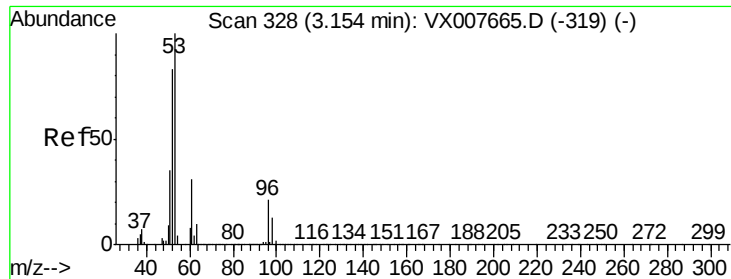
MMDadoda
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#14
Allyl chloride
Concen: 20.448 ug/l
RT: 2.73 min Scan# 259
Delta R.T. -0.00 min
Lab File: VX007784.D
Acq: 01 Mar 2019 12:47

Tgt Ion	Ion	Ratio	Lower	Upper
41	41	100		
39	39	62.5	54.1	81.1
76	76	30.1	27.8	41.8





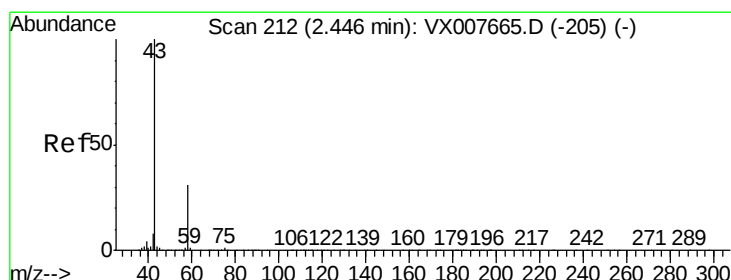
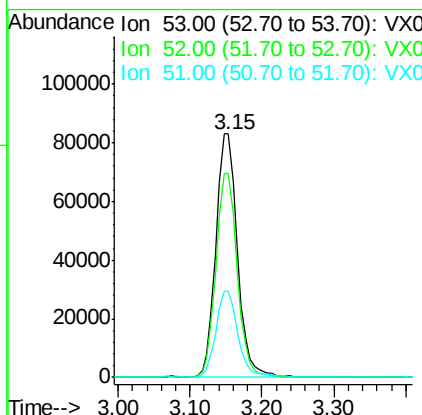
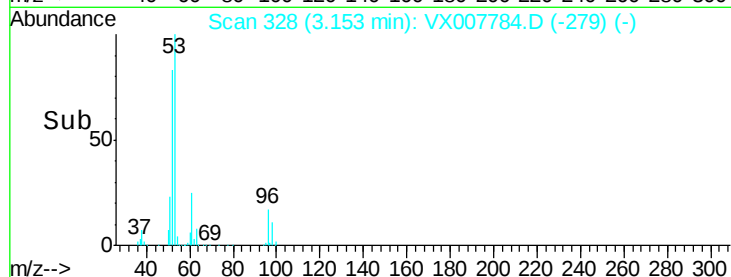
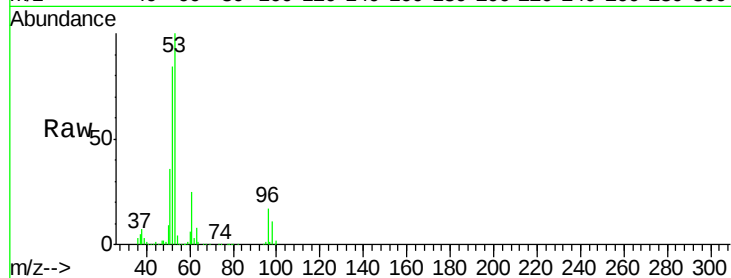
#15
 Acrylonitrile
 Concen: 103.668 ug/l
 RT: 3.15 min Scan# 328
 Delta R.T. -0.00 min
 Lab File: VX007784.D
 Acq: 01 Mar 2019 12:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0301WBS01

Tot Ion	Ratio	Lower	Upper
53	100		
52	82.8	66.4	99.6
51	36.1	28.4	42.6

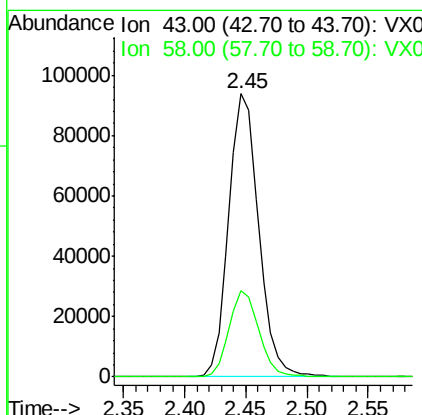
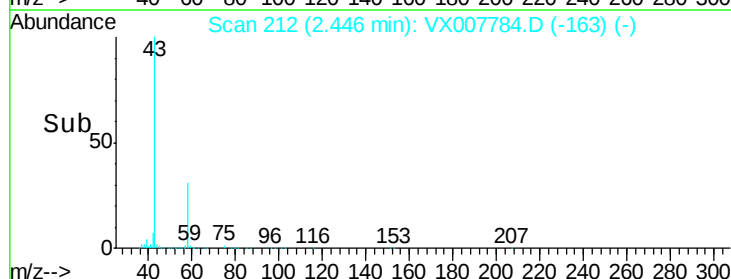
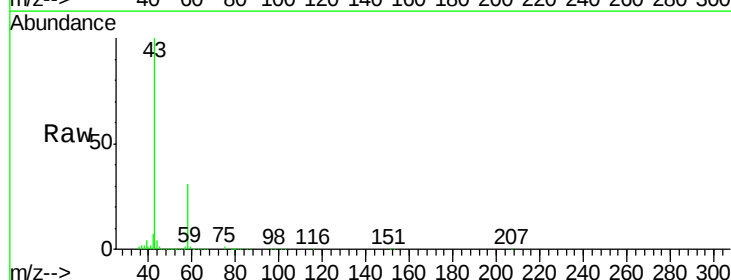
Manual Integrations
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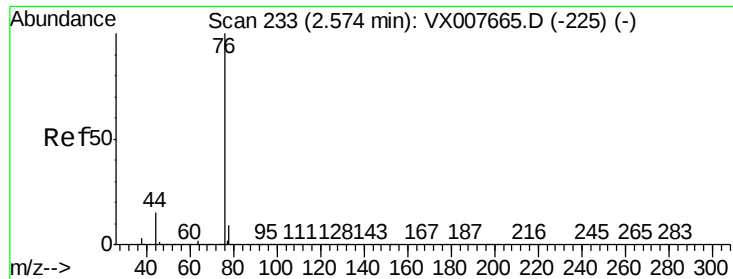
MMDadoda
 3/4/2019 1:35:59 PM



#16
 Acetone
 Concen: 95.338 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX007784.D
 Acq: 01 Mar 2019 12:47

Tgt Ion	Ratio	Lower	Upper
43	100		
58	30.5	24.9	37.3





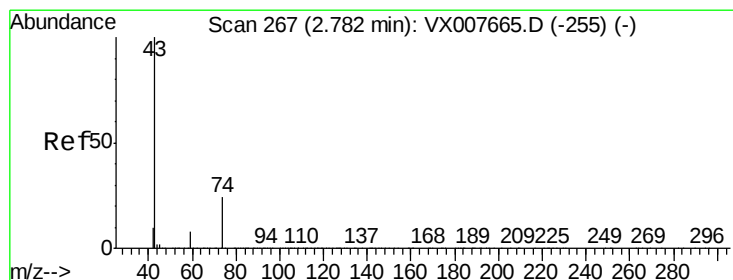
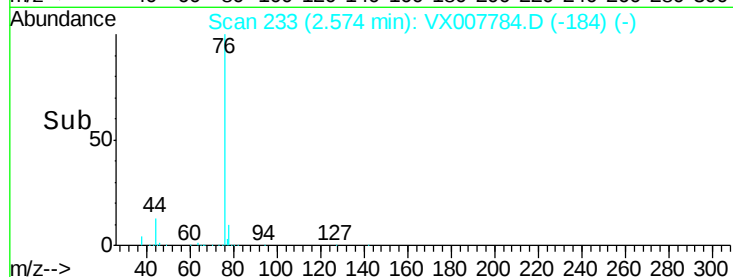
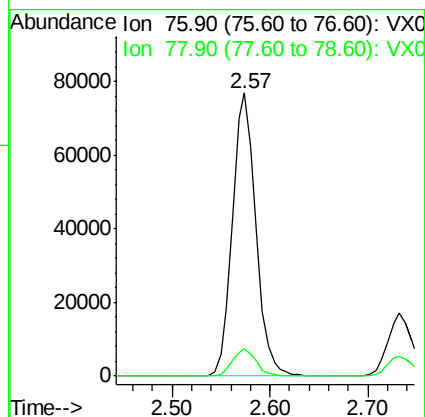
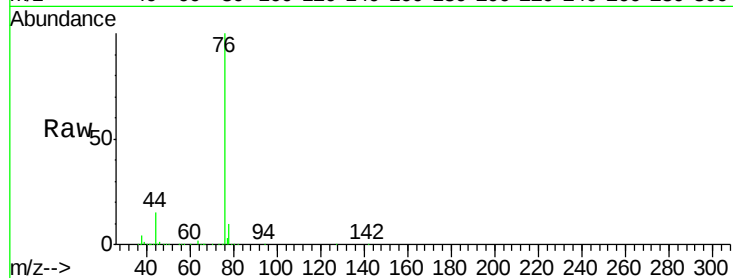
#17
Carbon Disulfide
Concen: 17.456 ug/l
RT: 2.57 min Scan# 233
Delta R.T. -0.00 min
Lab File: VX007784.D
Acq: 01 Mar 2019 12:47

Instrument :
MSVOA_X
ClientSampleId :
VX0301WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.1	10.7

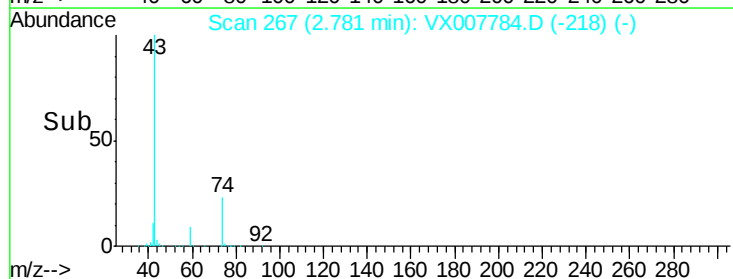
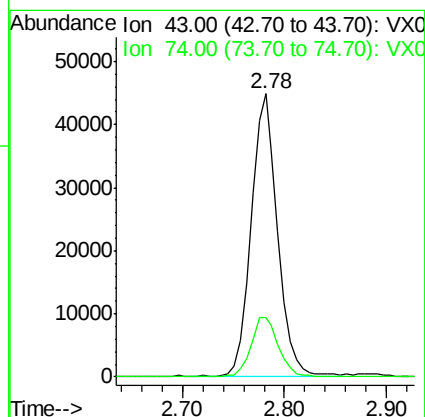
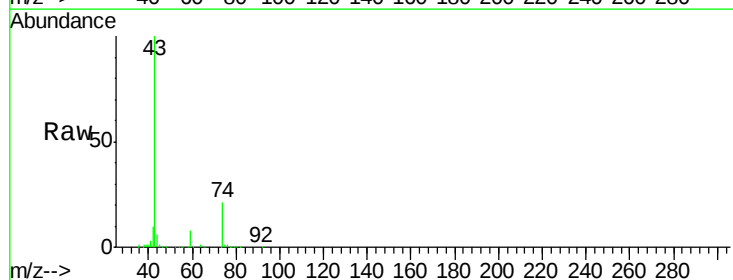
Manual Integrations
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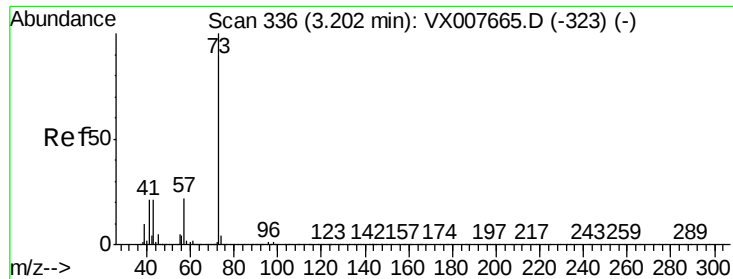
MMDadoda
3/4/2019 1:35:59 PM



#18
Methyl Acetate
Concen: 22.156 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX007784.D
Acq: 01 Mar 2019 12:47

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.4	19.4	29.2





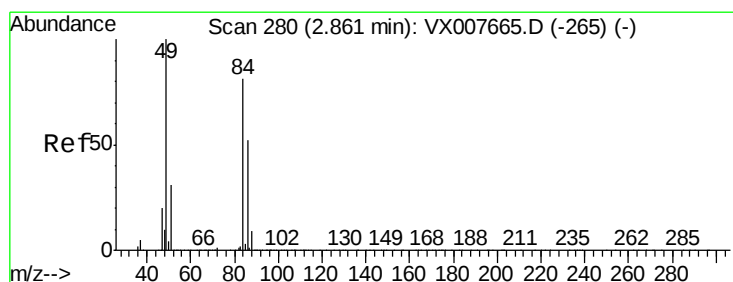
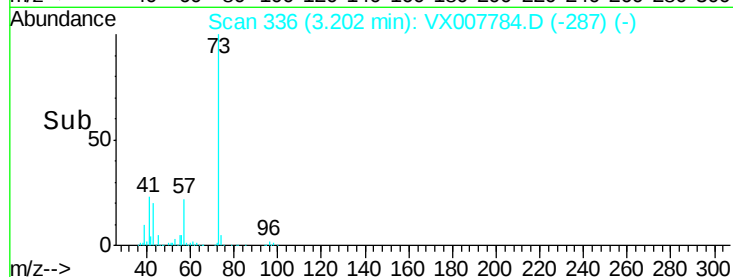
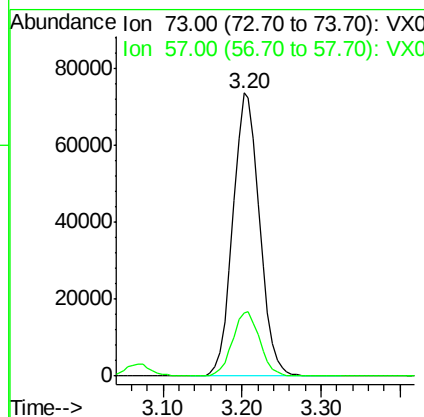
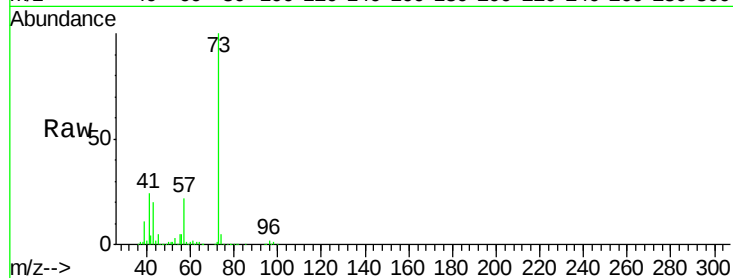
#19
Methvl tert-butvl Ether
Concen: 18.949 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX007784.D
Acq: 01 Mar 2019 12:47

Instrument :
MSVOA_X
ClientSampleId :
VX0301WBS01

Tot Ion: 73 Resp: 173454
Ion Ratio Lower Upper
73 100
57 22.1 17.8 26.8

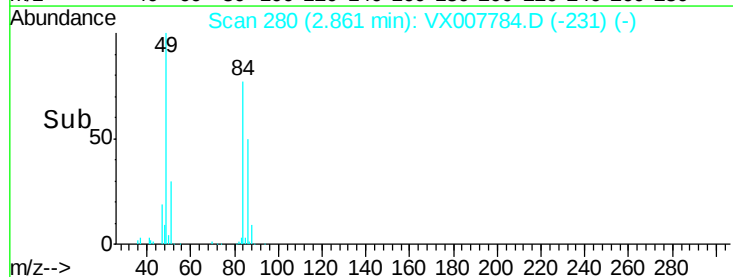
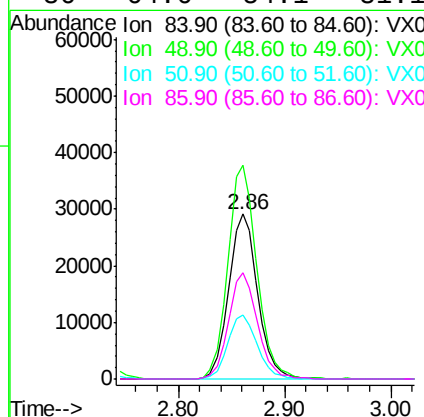
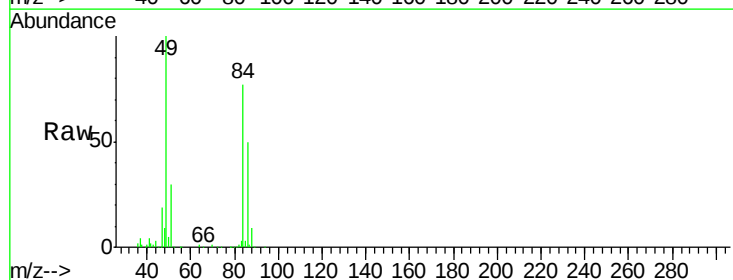
Manual Integrations
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3/4/2019 1:35:59 PM



#20
Methylene Chloride
Concen: 18.171 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX007784.D
Acq: 01 Mar 2019 12:47

Tgt Ion: 84 Resp: 55542
Ion Ratio Lower Upper
84 100
49 129.4 94.8 142.2
51 38.7 29.8 44.8
86 64.6 54.1 81.1





#21

trans-1,2-Dichloroethene

Concen: 17.769 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007784.D

Acq: 01 Mar 2019 12:47

Instrument :

MSVOA_X

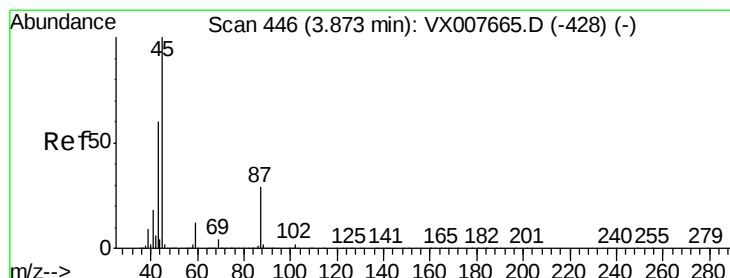
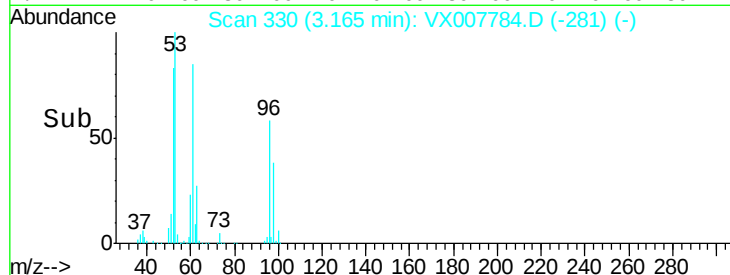
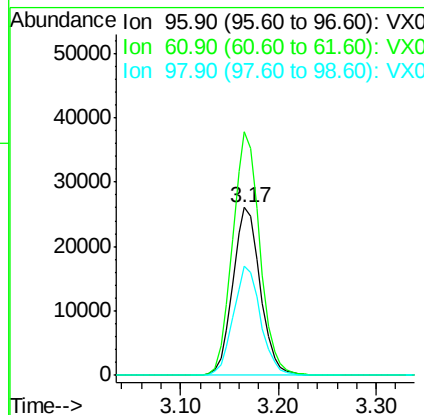
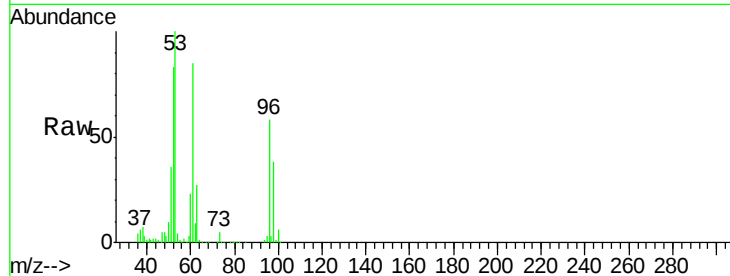
ClientSampleId :

VX0301WBS01

Tot Ion:	96	Resp:	50780
Ion	Ratio	Lower	Upper
96	100		
61	144.9	104.6	156.8
98	65.4	51.0	76.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 19.964 ug/l

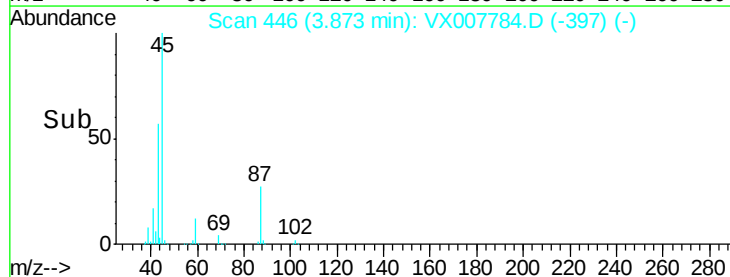
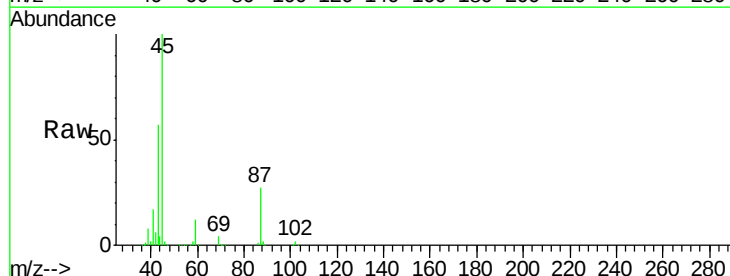
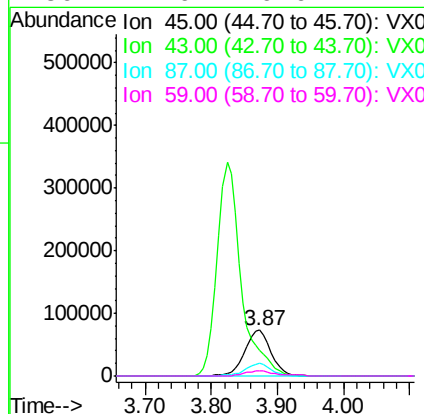
RT: 3.87 min Scan# 446

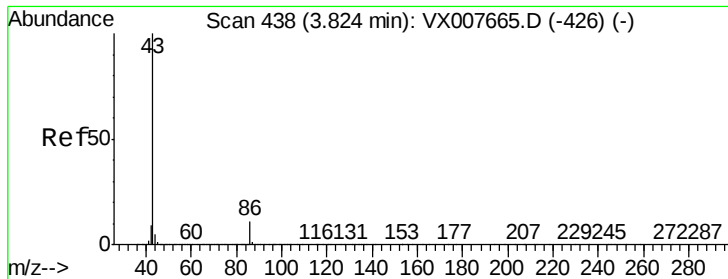
Delta R.T. -0.00 min

Lab File: VX007784.D

Acq: 01 Mar 2019 12:47

Tgt Ion:	45	Resp:	201996
Ion	Ratio	Lower	Upper
45	100		
43	57.0	48.9	73.3
87	27.2	23.9	35.9
59	11.6	9.6	14.4





#23

Vinyl Acetate

Concen: 97.654 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX007784.D

Acq: 01 Mar 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

VX0301WBS01

Tot Ion: 43 Resp: 866884

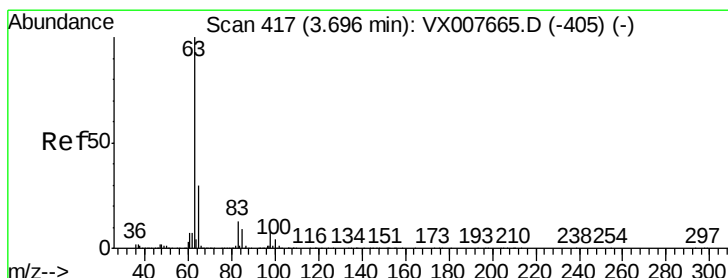
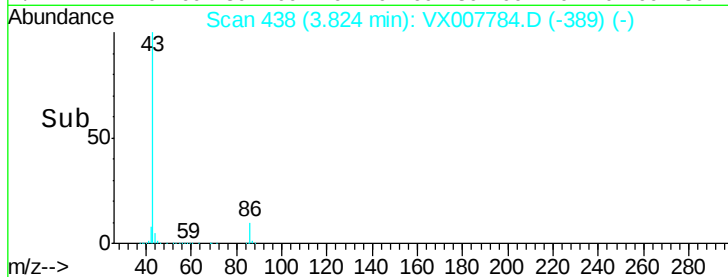
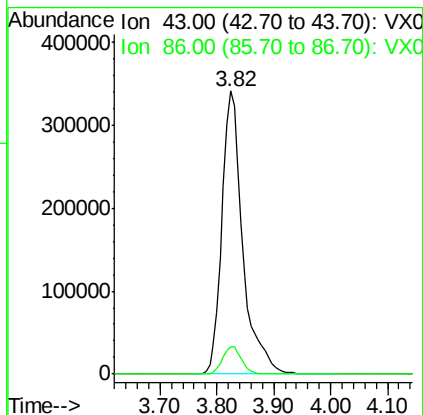
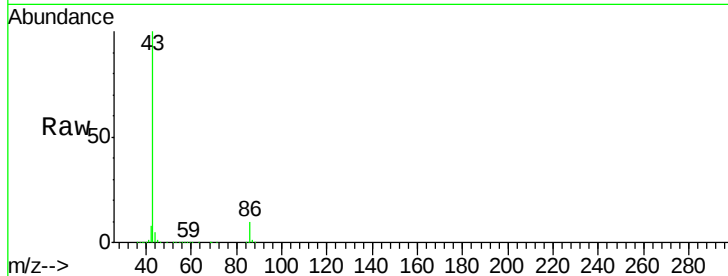
Ion Ratio Lower Upper

43 100

86 9.8 8.7 13.1

Manual Integrations
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3/4/2019 1:35:59 PM



#24

1,1-Dichloroethane

Concen: 19.042 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007784.D

Acq: 01 Mar 2019 12:47

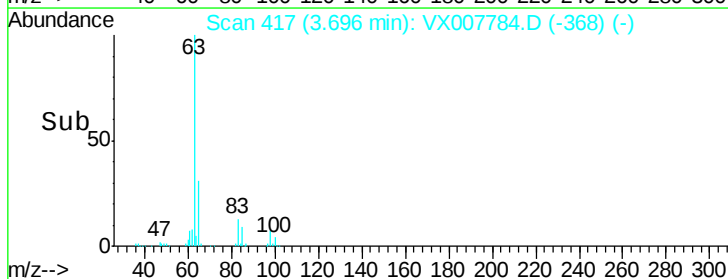
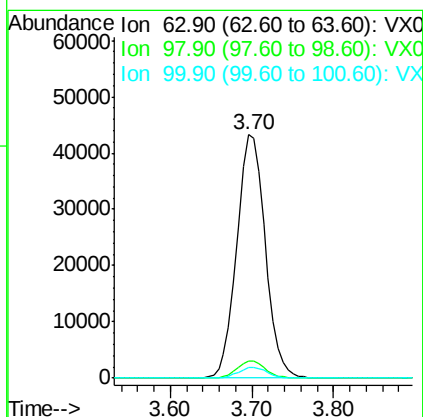
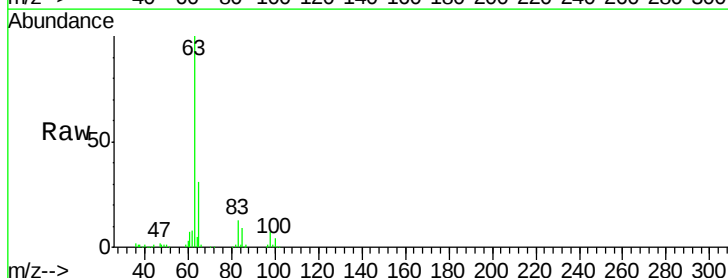
Tgt Ion: 63 Resp: 104709

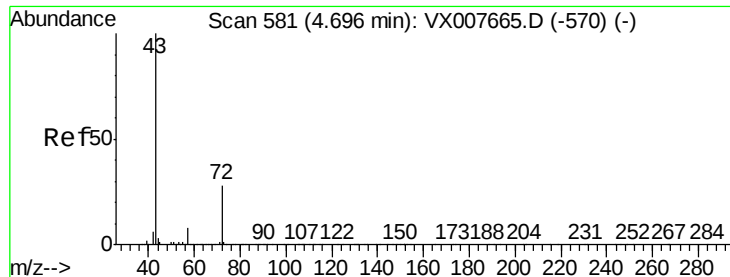
Ion Ratio Lower Upper

63 100

98 6.9 3.6 10.8

100 4.2 2.5 7.4





#25

2-Butanone

Concen: 102.897 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.00 min

Lab File: VX007784.D

Acq: 01 Mar 2019 12:47

Instrument :

MSVOA_X

ClientSampled :

VX0301WBS01

Tot Ion: 43 Resp: 259460

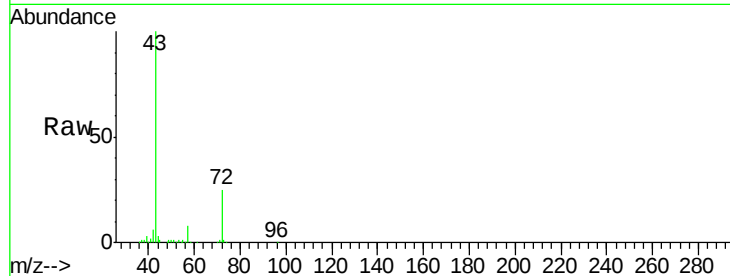
Ion Ratio Lower Upper

43 100

72 24.8 22.2 33.2

Manual Integrations
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

100000

80000

60000

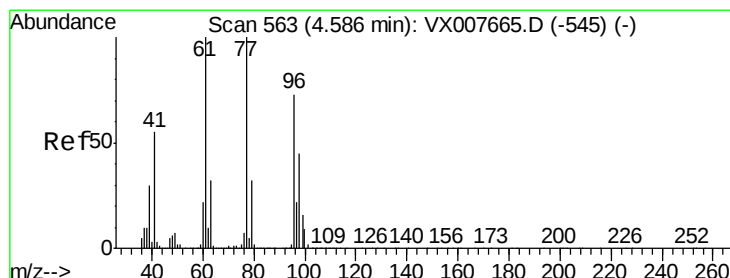
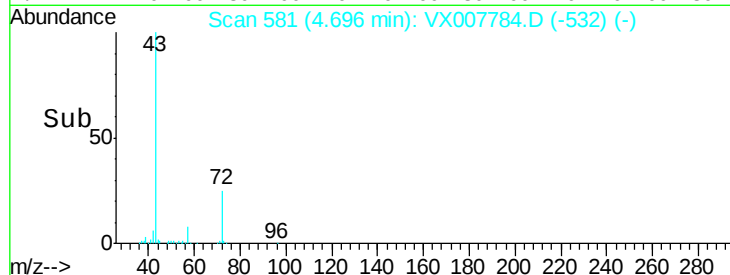
40000

20000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 17.137 ug/l

RT: 4.59 min Scan# 564

Delta R.T. 0.01 min

Lab File: VX007784.D

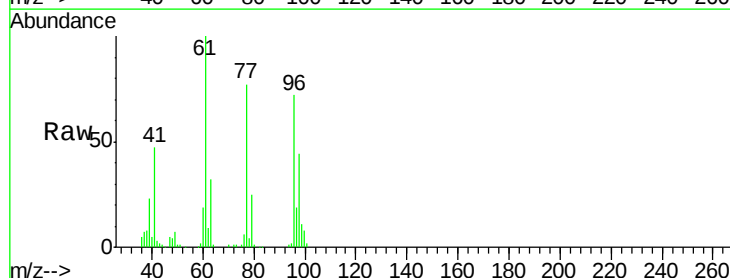
Acq: 01 Mar 2019 12:47

Tgt Ion: 77 Resp: 75221

Ion Ratio Lower Upper

77 100

97 23.4 12.1 36.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

25000

20000

15000

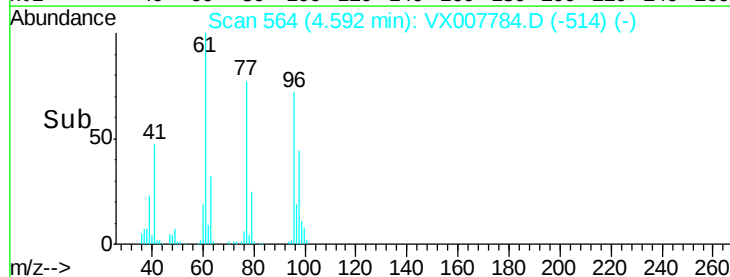
10000

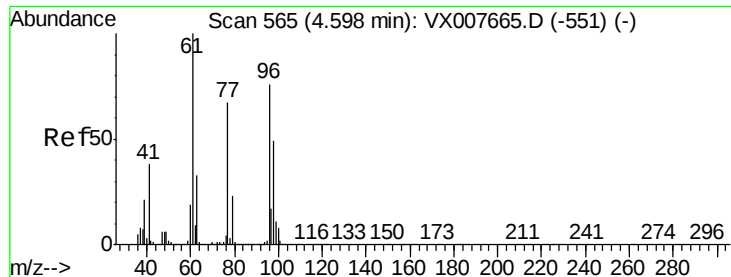
5000

0

4.50 4.60 4.70

Time-->





#27

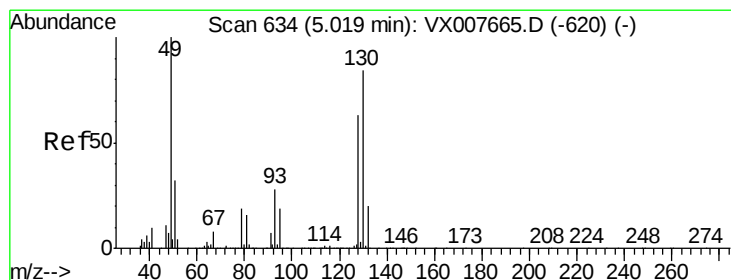
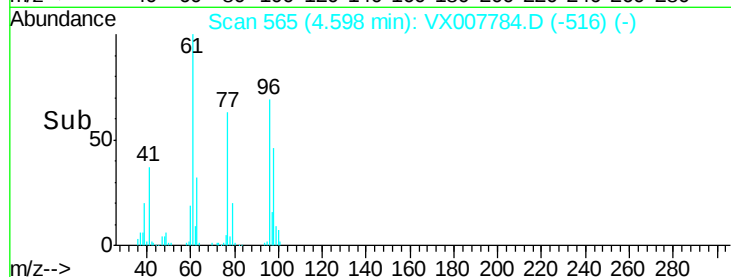
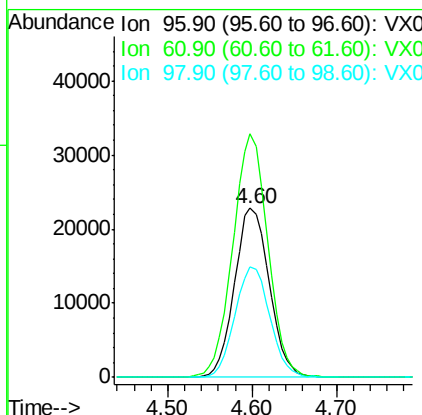
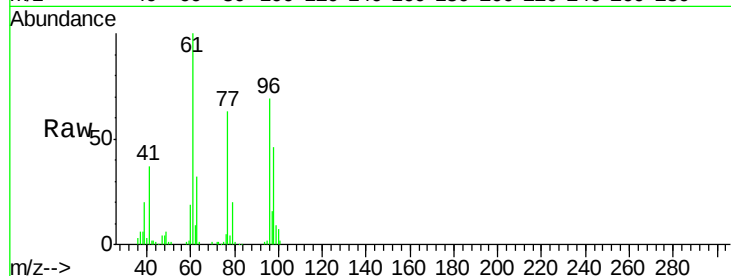
cis-1,2-Dichloroethene
Concen: 17.549 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX007784.D
Acq: 01 Mar 2019 12:47

Instrument :
MSVOA_X
ClientSampleId :
VX0301WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	144.8	0.0	265.6
98	65.5	0.0	131.6

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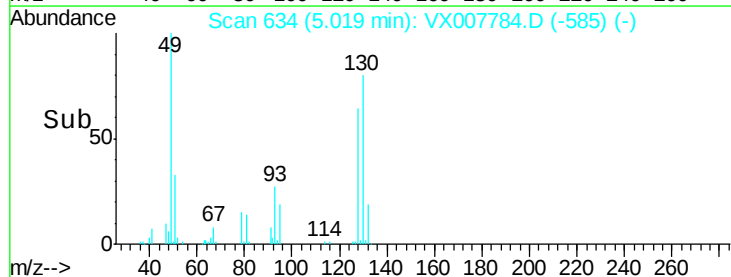
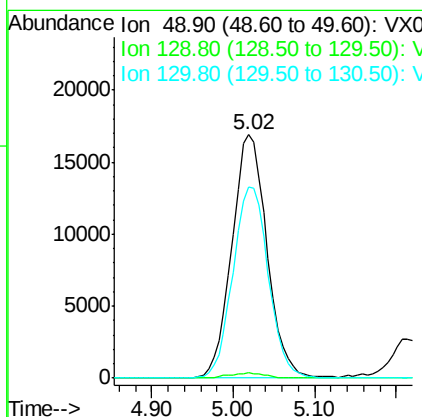
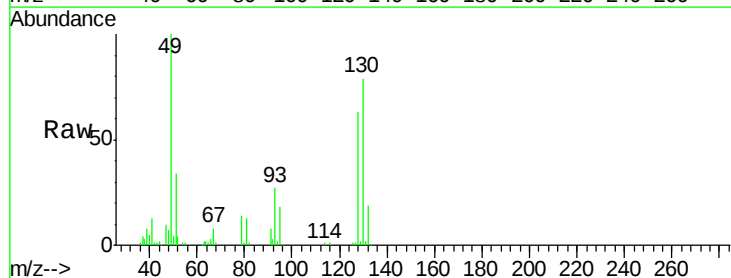
MMDadoda
3/4/2019 1:35:59 PM

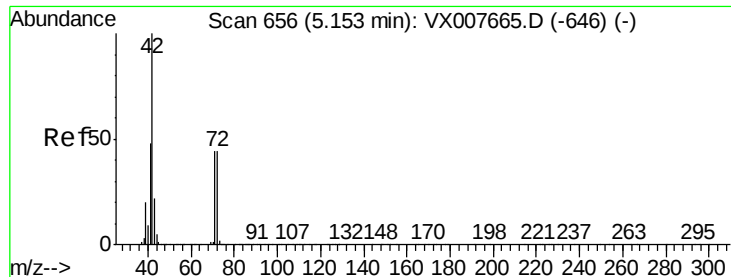


#28

Bromochloromethane
Concen: 18.820 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX007784.D
Acq: 01 Mar 2019 12:47

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	5.6
130	79.6	75.6	113.4





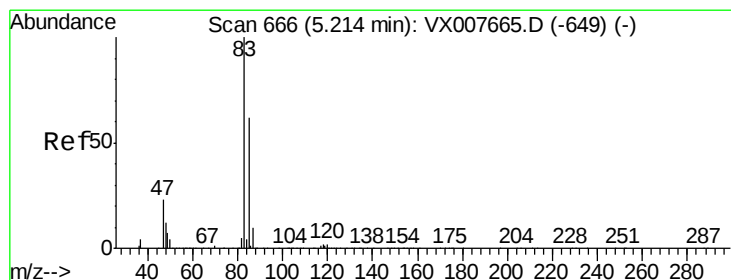
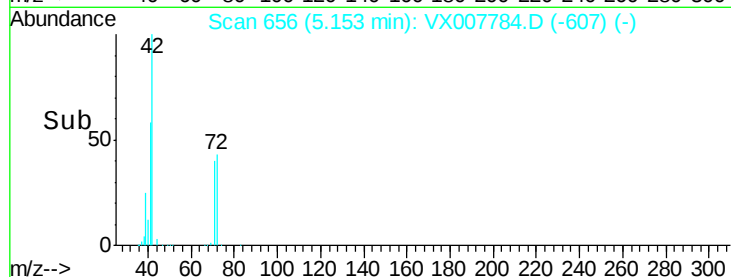
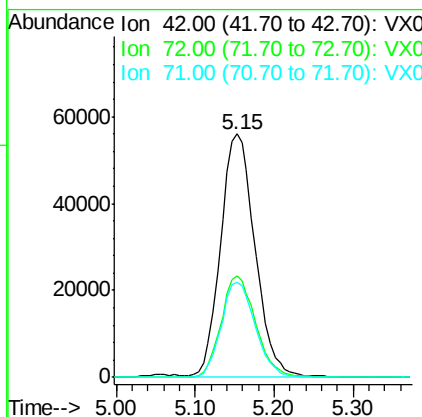
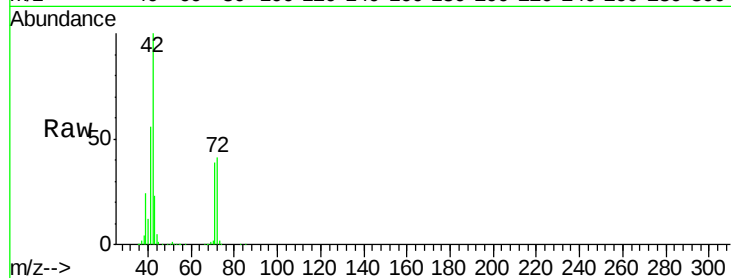
#29
Tetrahydrofuran
Concen: 101.684 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX007784.D
Acq: 01 Mar 2019 12:47

Instrument :
MSVOA_X
ClientSampleId :
VX0301WBS01

Tot Ion	Ratio	Resp Lower	Upper
42	100		
72	42.3	37.6	56.4
71	39.2	34.6	51.8

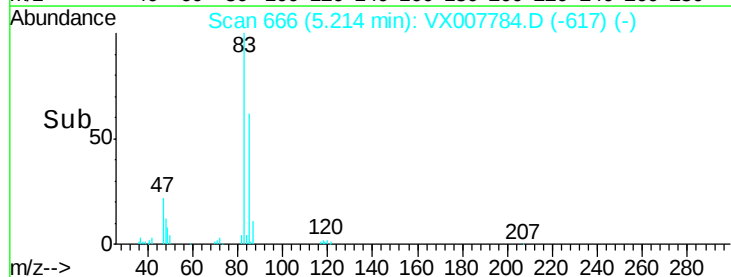
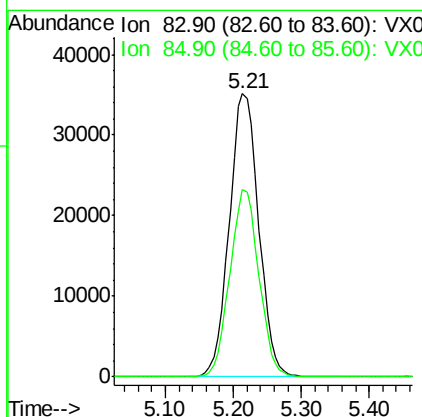
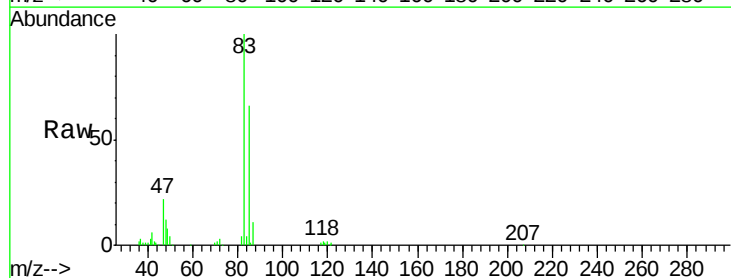
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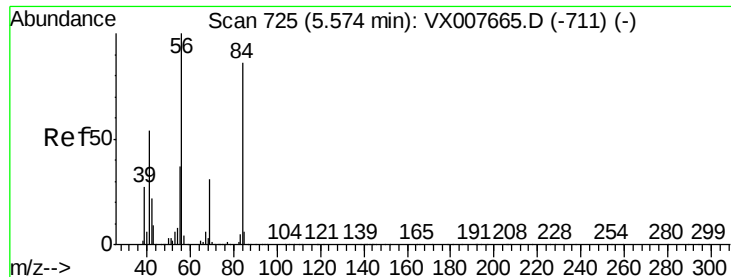
MMDadoda
3/4/2019 1:35:59 PM



#30
Chloroform
Concen: 17.912 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX007784.D
Acq: 01 Mar 2019 12:47

Tgt Ion	Ratio	Resp Lower	Upper
83	100		
85	66.3	51.6	77.4





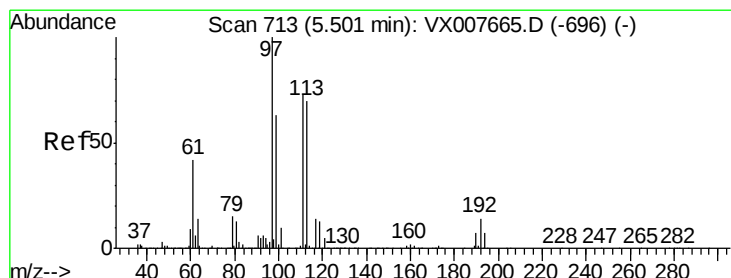
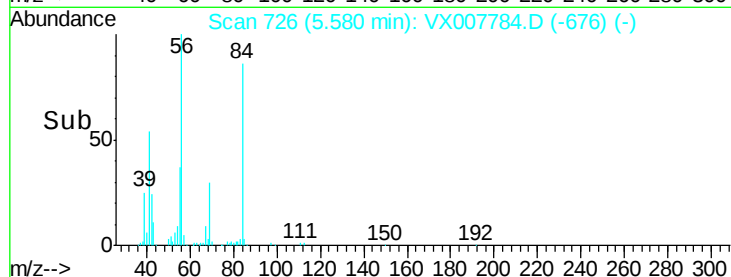
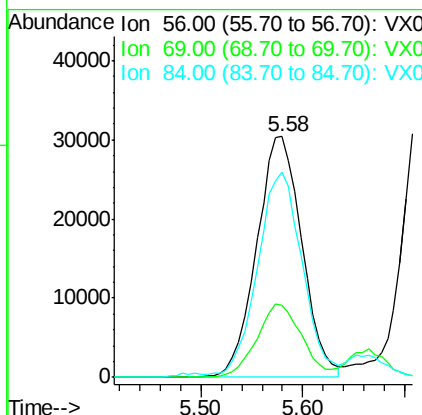
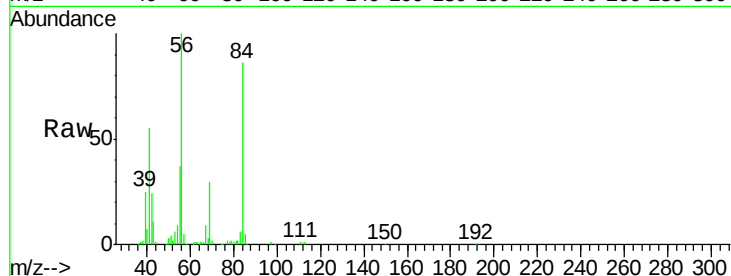
#31
Cyclohexane
Concen: 18.094 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX007784.D
Acq: 01 Mar 2019 12:47

Instrument :
MSVOA_X
ClientSampleId :
VX0301WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.1	23.0	34.6
84	84.4	69.8	104.6

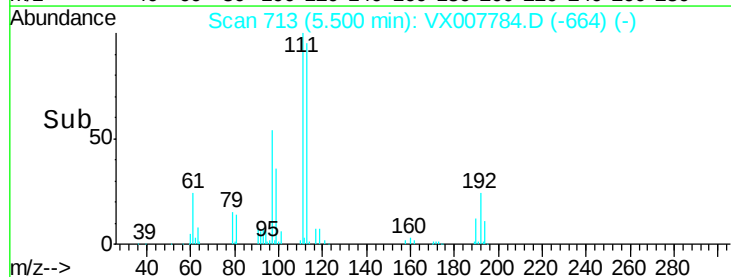
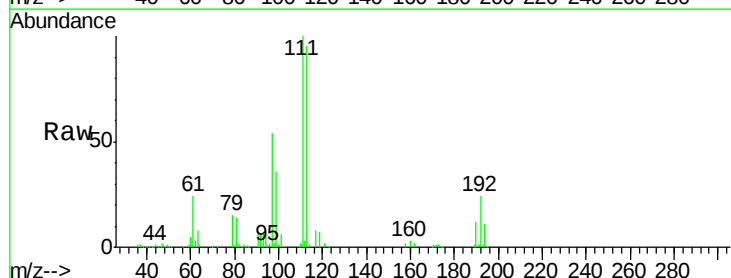
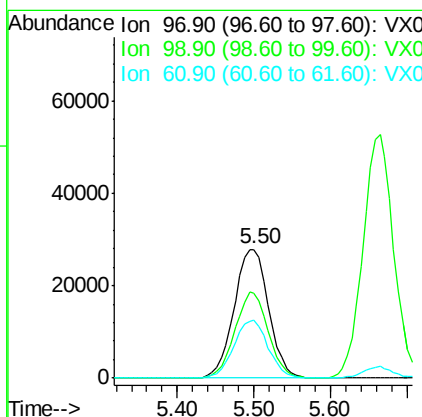
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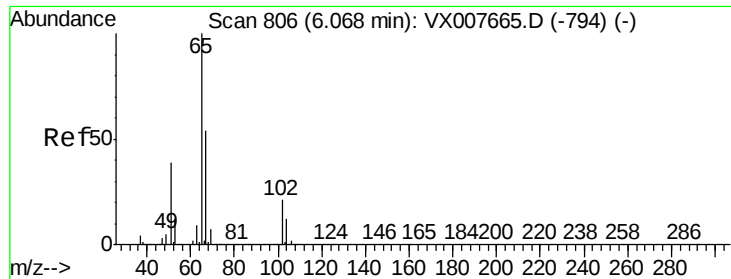
MMDadoda
3/4/2019 1:35:59 PM



#32
1,1,1-Trichloroethane
Concen: 17.904 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX007784.D
Acq: 01 Mar 2019 12:47

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.4	52.2	78.2
61	44.7	32.7	49.1





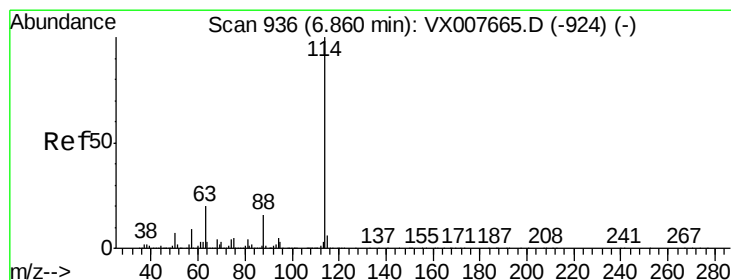
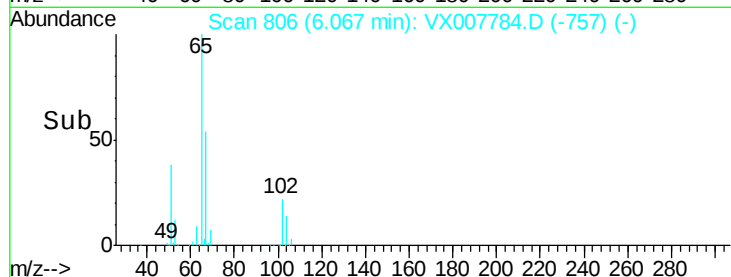
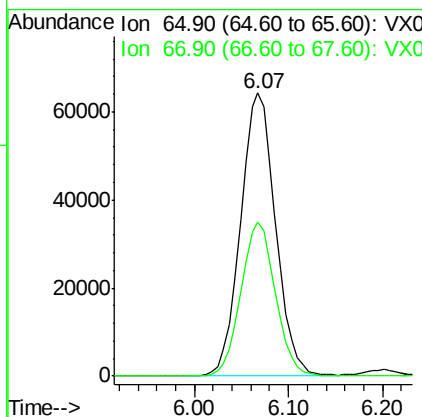
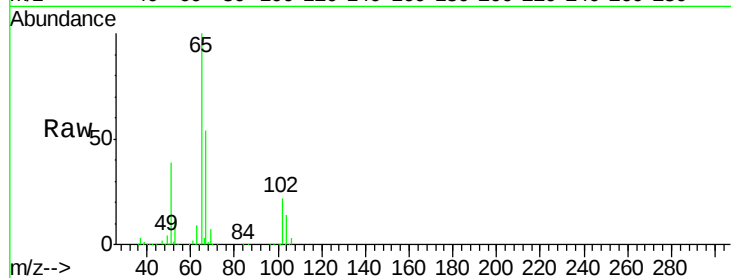
#33
 1,2-Dichloroethane-d4
 Concen: 44.834 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX007784.D
 Acq: 01 Mar 2019 12:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0301WBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.7	0.0	108.8

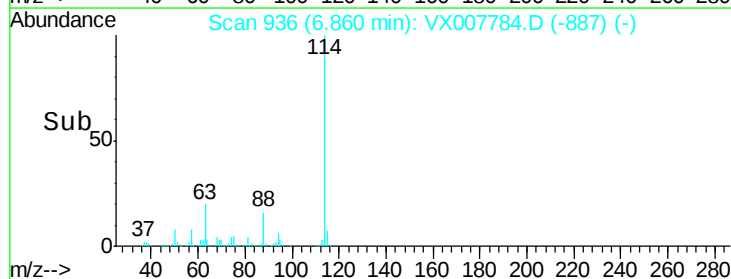
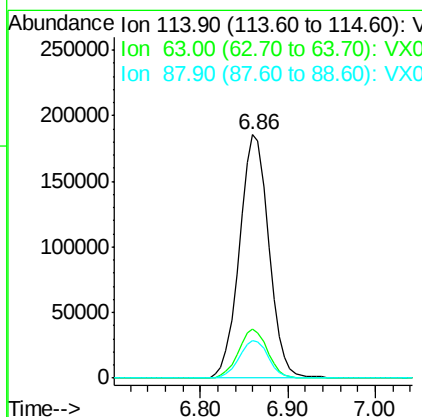
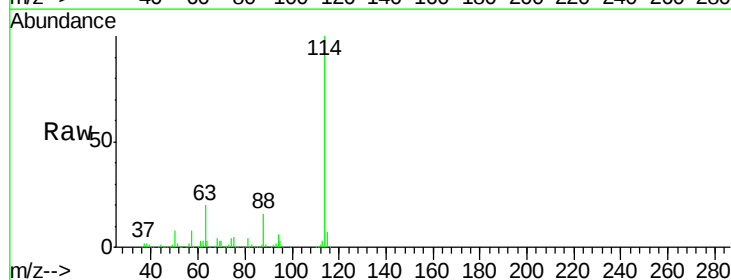
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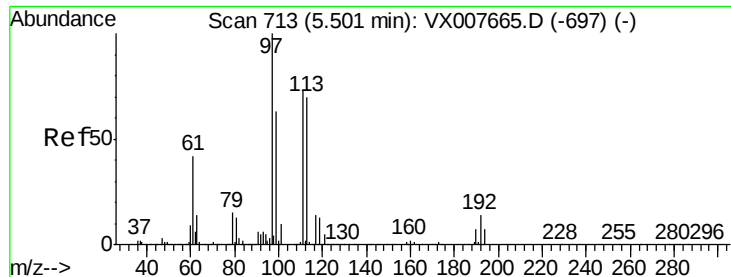
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 3/4/2019 1:35:59 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007784.D
 Acq: 01 Mar 2019 12:47

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	35.6
88	15.6	0.0	29.6





#35

Dibromofluoromethane

Concen: 48.275 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX007784.D

Acq: 01 Mar 2019 12:47

Instrument :

MSVOA_X

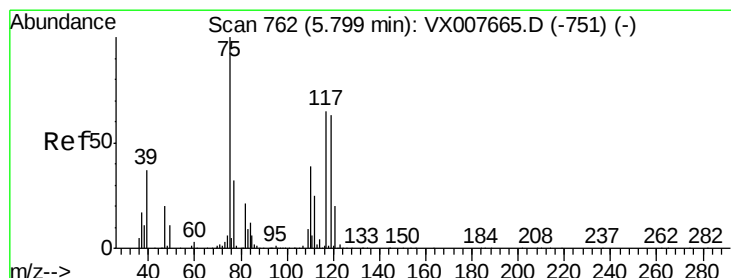
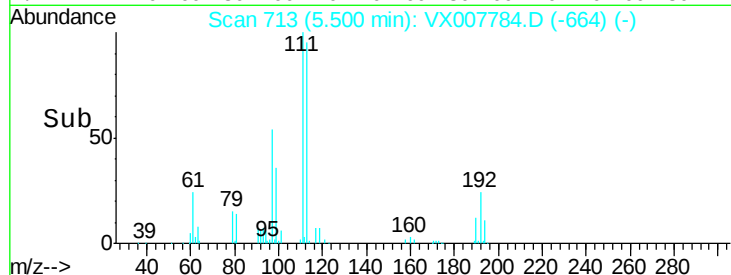
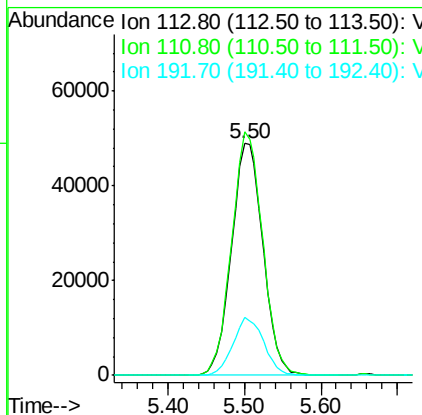
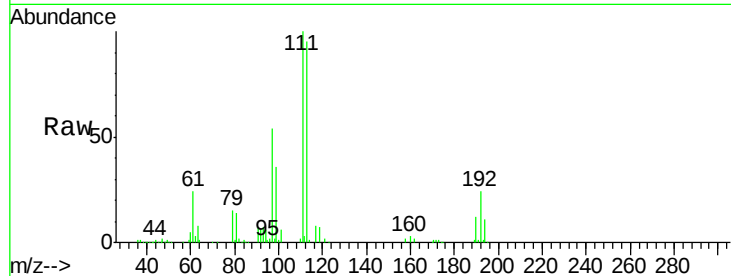
ClientSampleId :

VX0301WBS01

Tot Ion:	113	Resp:	139846
Ion Ratio	Lower	Upper	
113	100		
111	103.1	81.8	122.8
192	24.4	18.5	27.7

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3/4/2019 1:35:59 PM



#36

1,1-Dichloropropene

Concen: 19.662 ug/l

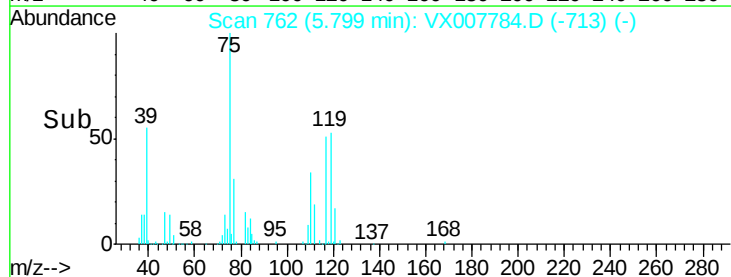
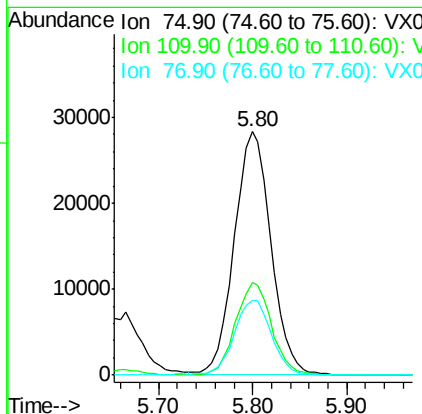
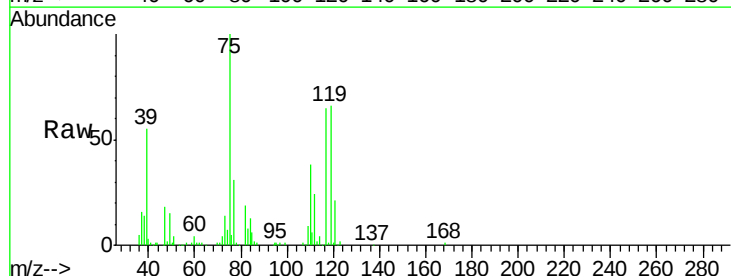
RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX007784.D

Acq: 01 Mar 2019 12:47

Tgt Ion:	75	Resp:	76603
Ion Ratio	Lower	Upper	
75	100		
110	37.6	20.0	59.9
77	31.5	24.7	37.1





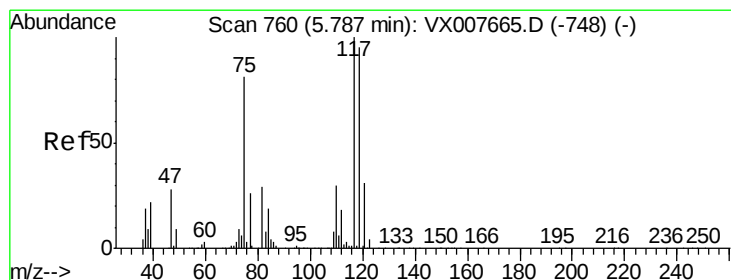
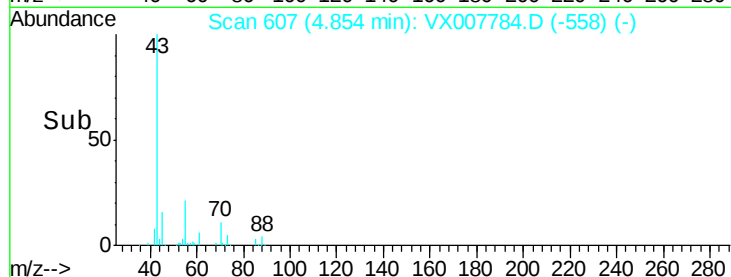
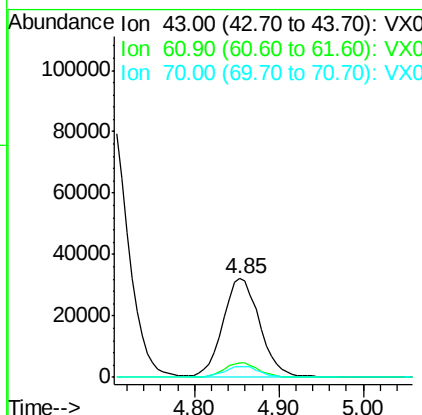
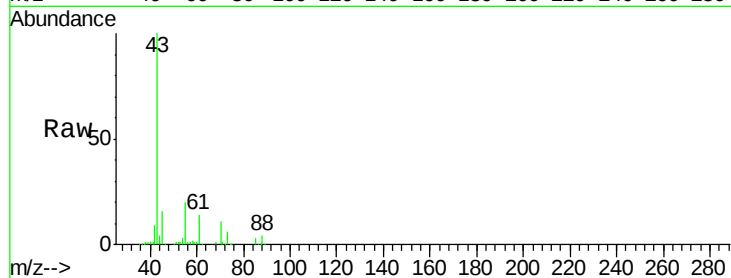
#37
Ethyl Acetate
Concen: 21.959 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX007784.D
Acq: 01 Mar 2019 12:47

Instrument :
MSVOA_X
ClientSampled :
VX0301WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.1	11.3	16.9
70	10.7	8.6	13.0

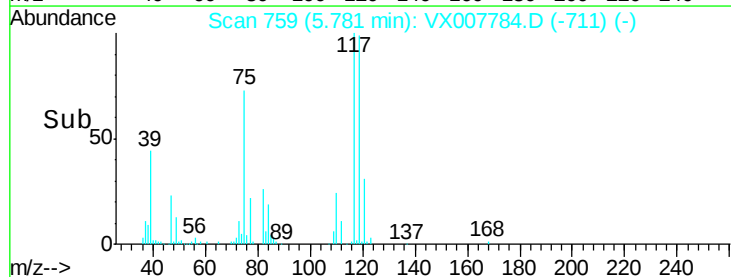
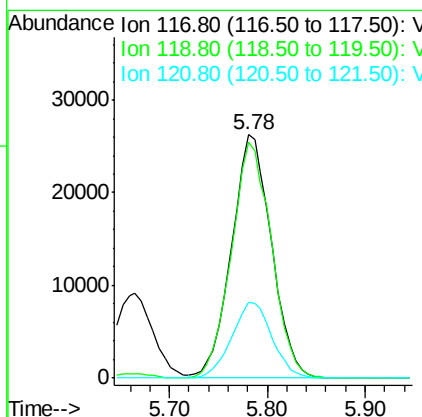
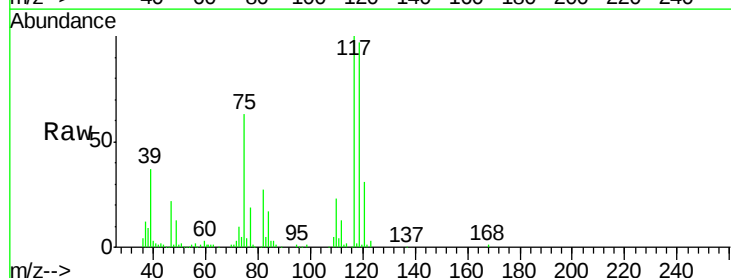
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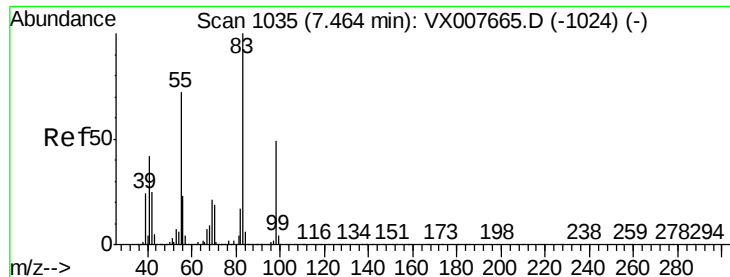
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3/4/2019 1:35:59 PM



#38
Carbon Tetrachloride
Concen: 19.035 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX007784.D
Acq: 01 Mar 2019 12:47

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.9	75.3	112.9
121	30.9	25.0	37.4





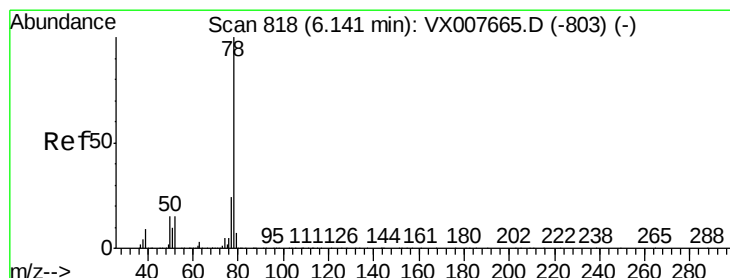
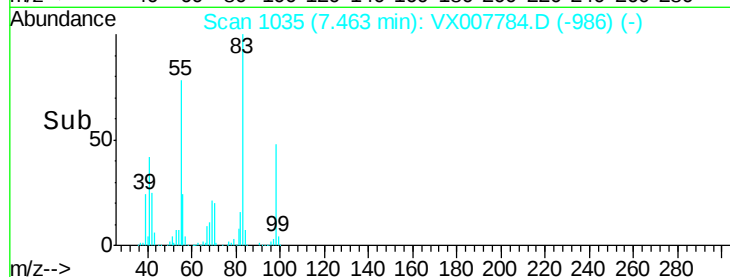
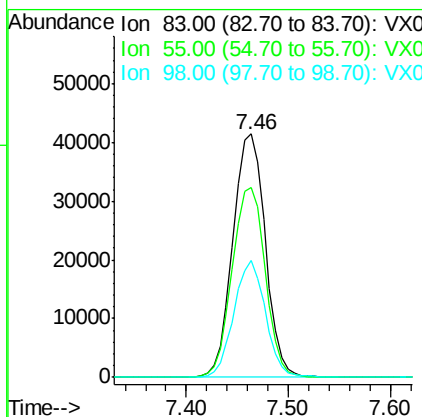
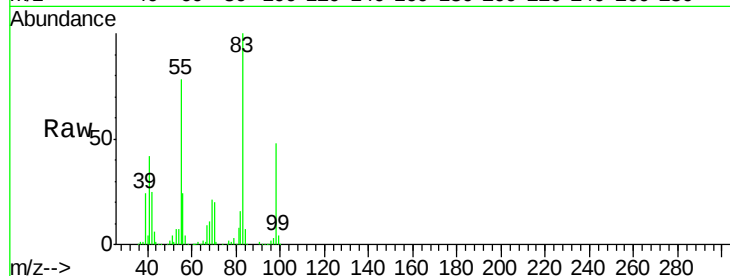
#39
Methvlcvclohexane
Concen: 18.576 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX007784.D
Acq: 01 Mar 2019 12:47

Instrument :
MSVOA_X
ClientSampleId :
VX0301WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.1	56.2	84.2
98	48.0	36.8	55.2

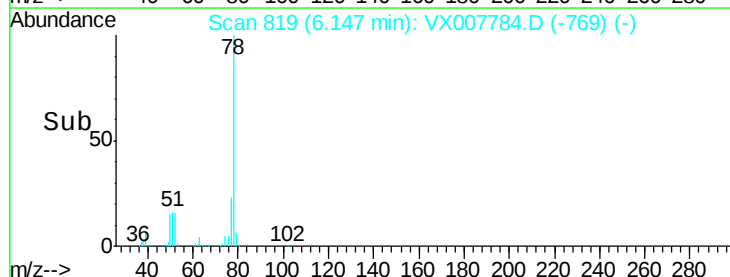
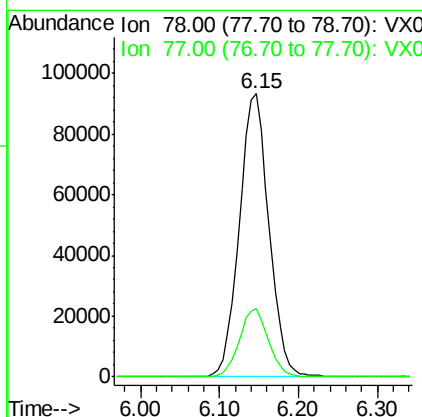
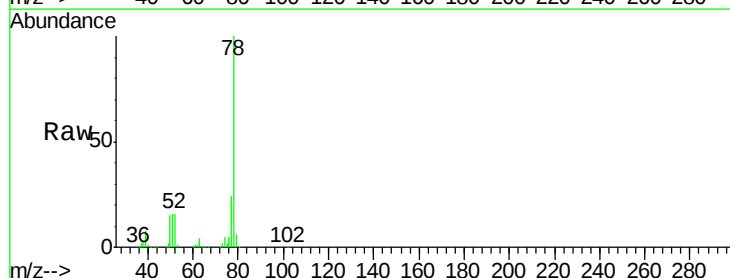
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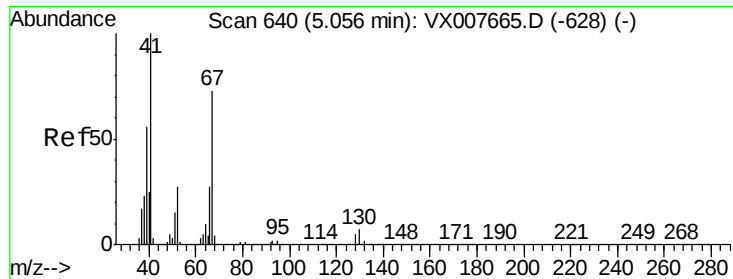
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#40
Benzene
Concen: 20.210 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX007784.D
Acq: 01 Mar 2019 12:47

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.3	28.9





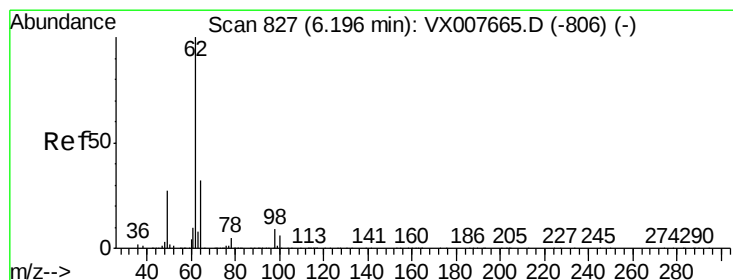
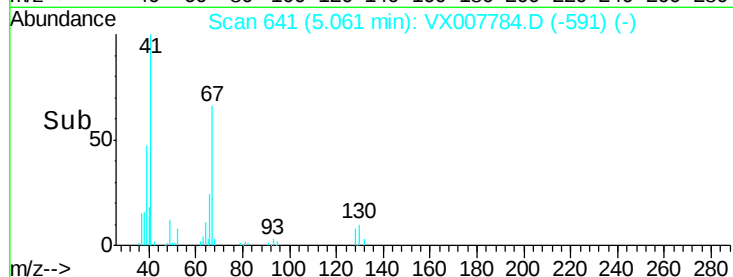
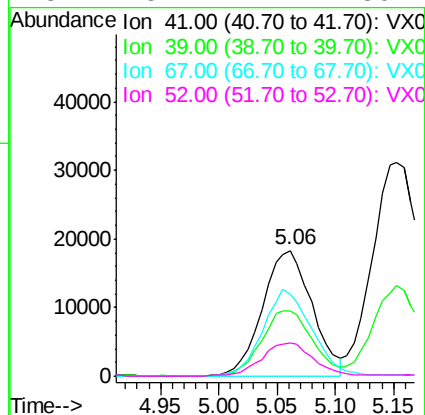
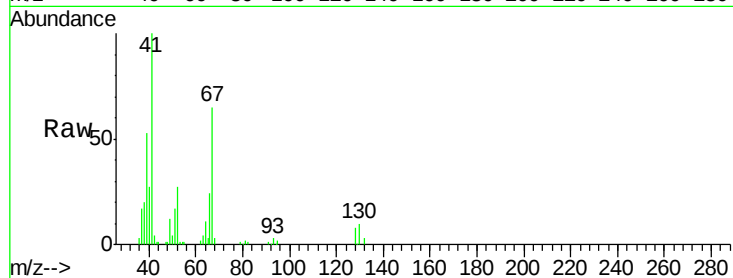
#41
Methacrylonitrile
Concen: 23.515 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.01 min
Lab File: VX007784.D
Acq: 01 Mar 2019 12:47

Instrument :
MSVOA_X
ClientSampleId :
VX0301WBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.6	44.5	66.7	
67	68.1	60.4	90.6	
52	28.4	24.1	36.1	

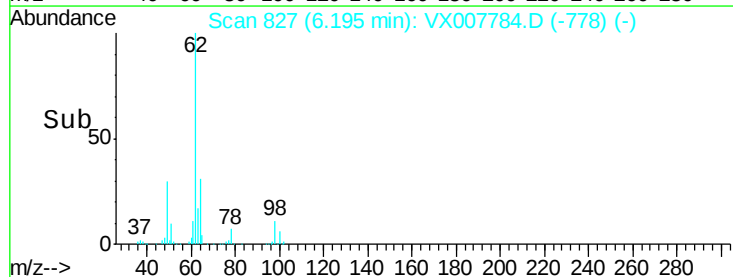
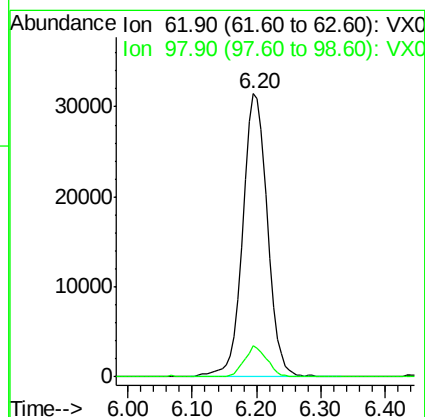
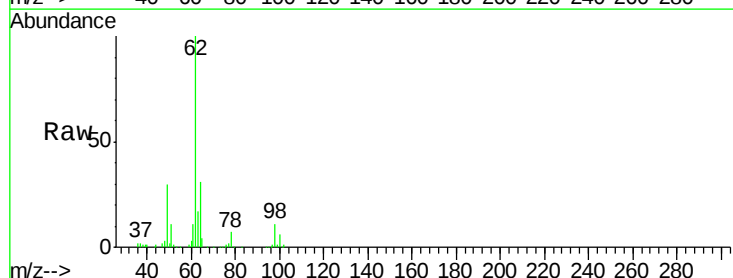
Manual Integrations
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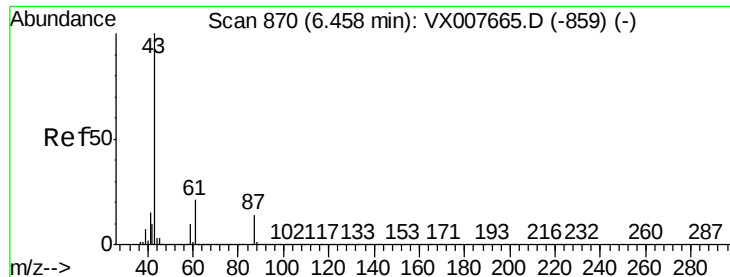
MMDadoda
3/4/2019 1:35:59 PM



#42
1,2-Dichloroethane
Concen: 20.544 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX007784.D
Acq: 01 Mar 2019 12:47

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.9	0.0	19.0	





#43

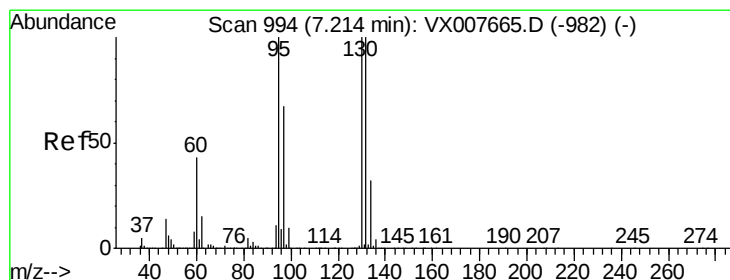
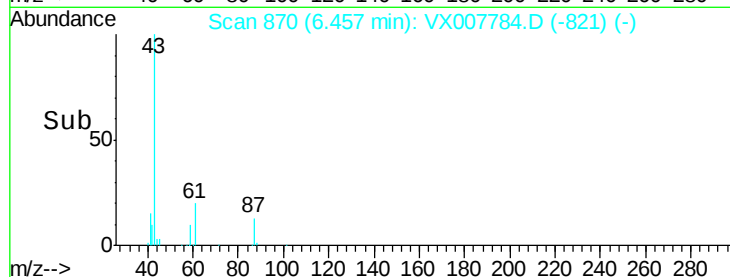
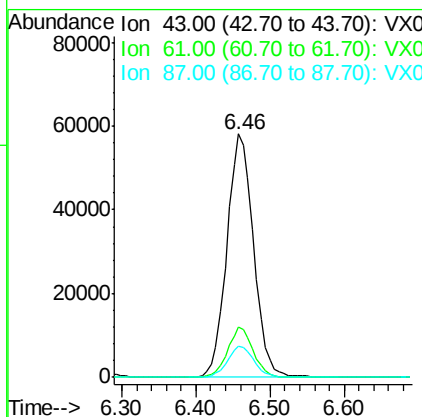
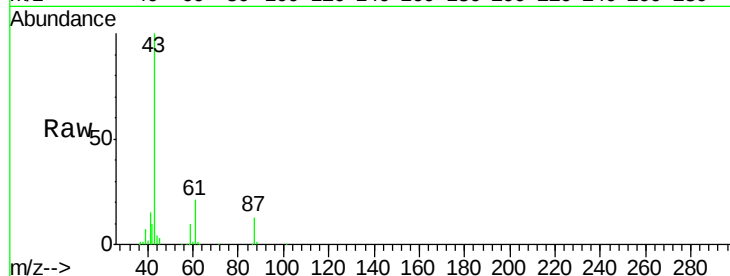
Isopropyl Acetate
 Concen: 21.732 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.00 min
 Lab File: VX007784.D
 Acq: 01 Mar 2019 12:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0301WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.9	16.1	24.1
87	12.7	11.5	17.3

Manual Integrations
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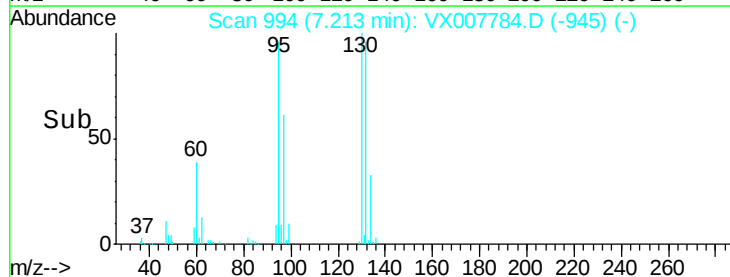
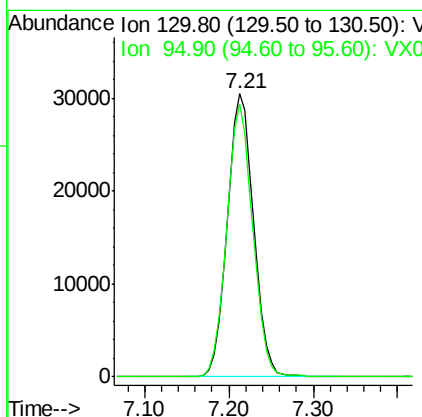
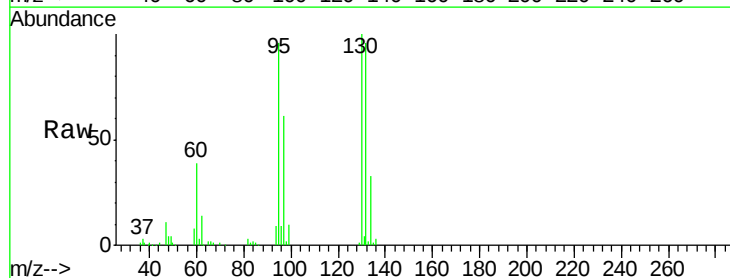
MMDadoda
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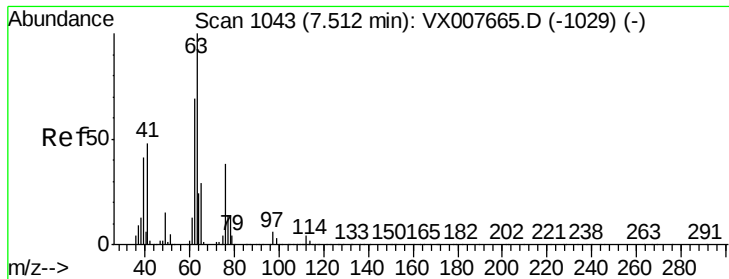


#44

Trichloroethene
 Concen: 19.583 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX007784.D
 Acq: 01 Mar 2019 12:47

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.3	0.0	180.0





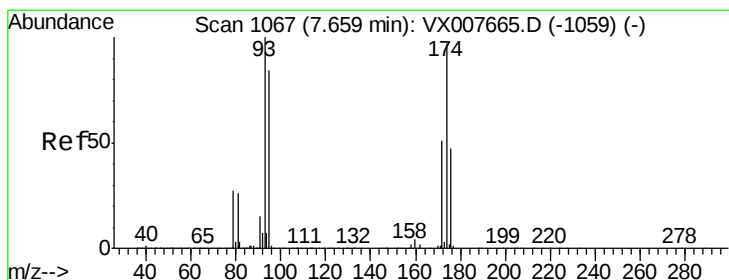
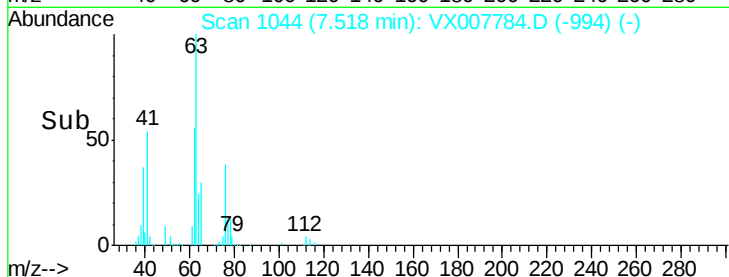
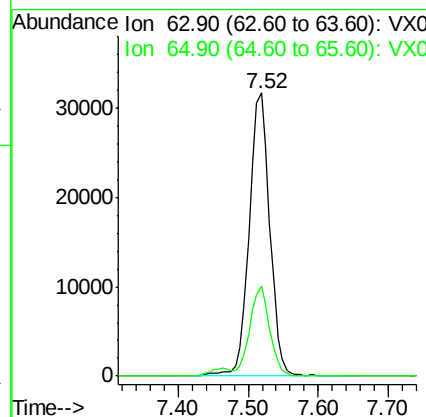
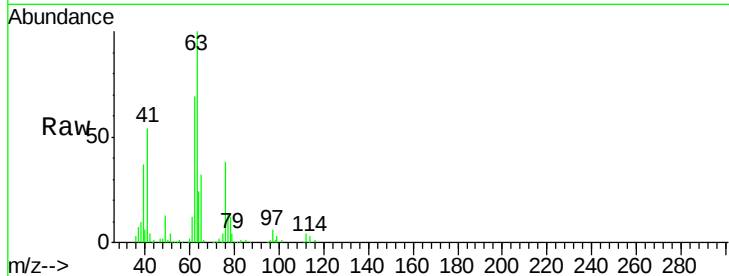
#45
 1,2-Dichloropropane
 Concen: 20.861 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.01 min
 Lab File: VX007784.D
 Acq: 01 Mar 2019 12:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0301WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.7	24.2	36.2

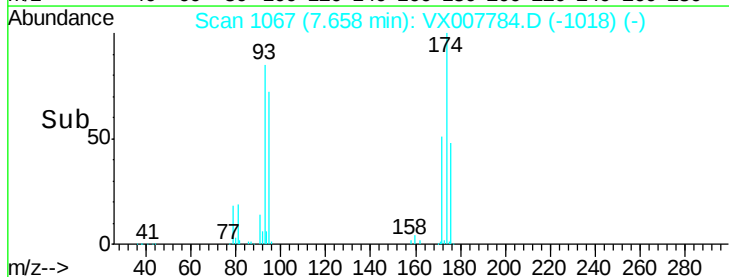
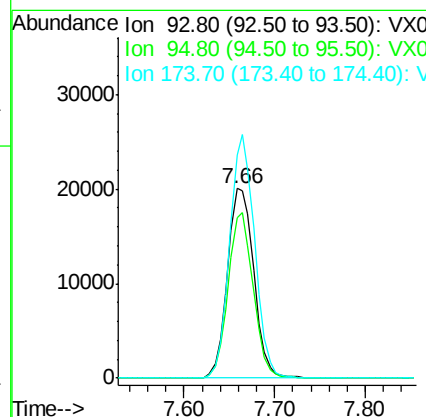
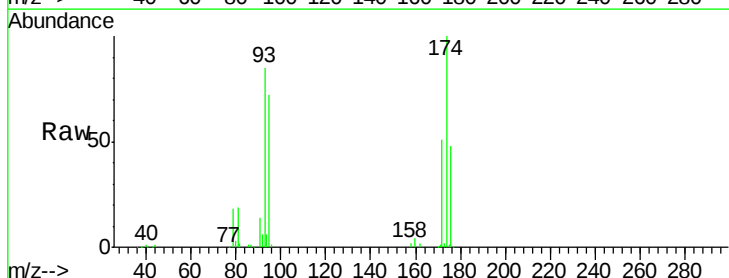
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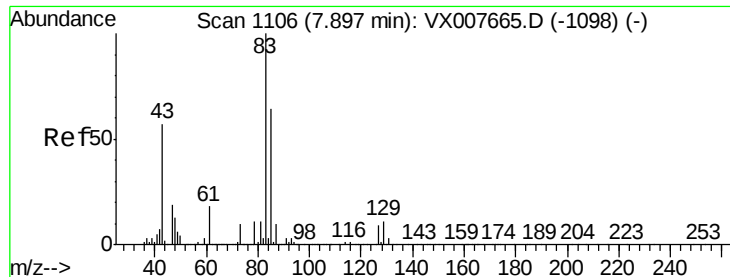
MMDadoda
 3/4/2019 1:35:59 PM



#46
 Dibromomethane
 Concen: 18.668 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX007784.D
 Acq: 01 Mar 2019 12:47

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.3	67.6	101.4
174	121.3	94.2	141.4





#47

Bromodichloromethane

Concen: 20.149 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007784.D

Acq: 01 Mar 2019 12:47

Instrument :

MSVOA_X

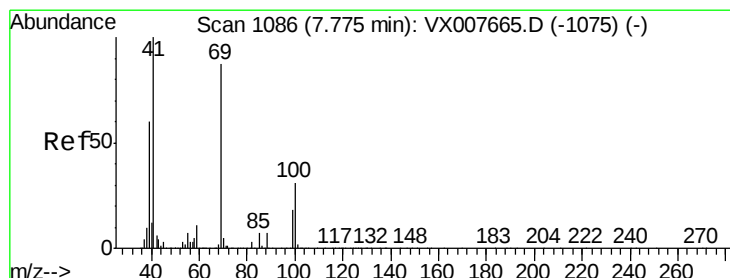
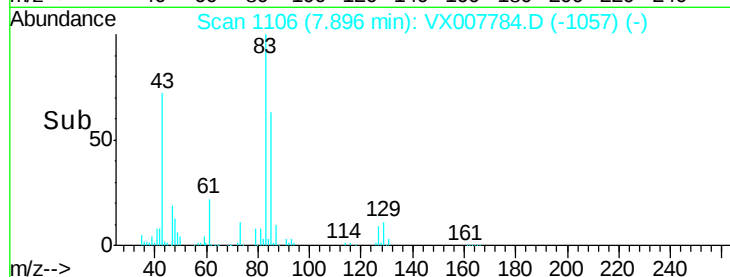
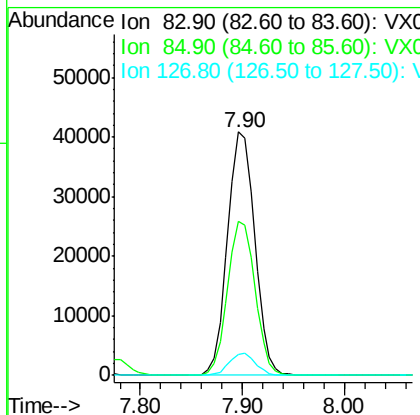
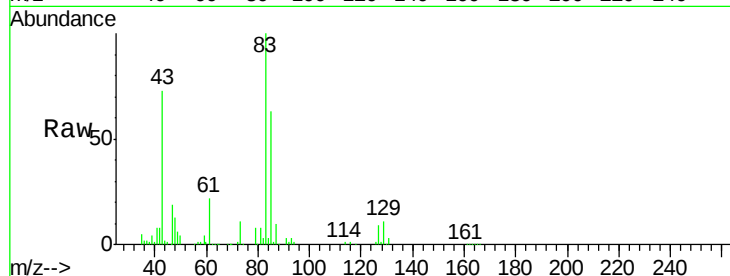
ClientSampled :

VX0301WBS01

Tot Ion:	83	Resp:	75893
Ion	Ratio	Lower	Upper
83	100		
85	63.4	51.4	77.0
127	8.7	8.1	12.1

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3/4/2019 1:35:59 PM



#48

Methyl methacrylate

Concen: 21.892 ug/l

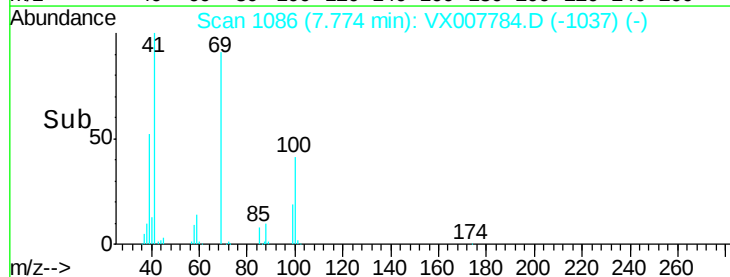
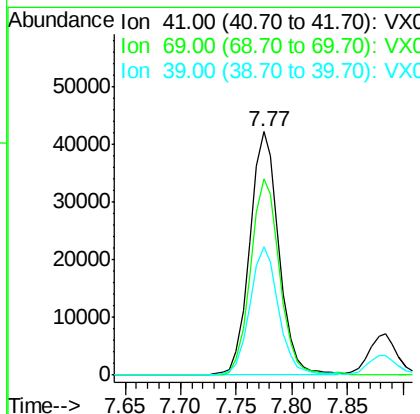
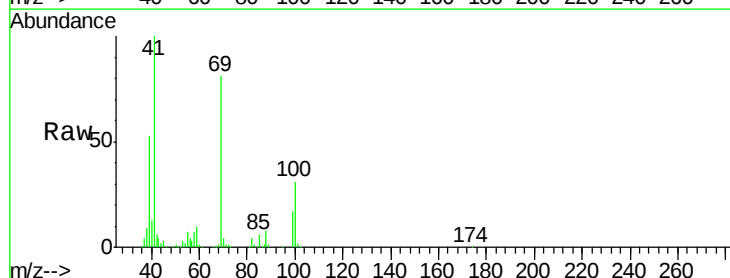
RT: 7.77 min Scan# 1086

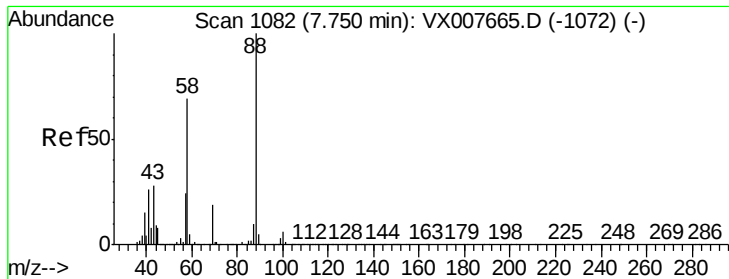
Delta R.T. -0.00 min

Lab File: VX007784.D

Acq: 01 Mar 2019 12:47

Tgt Ion:	41	Resp:	76437
Ion	Ratio	Lower	Upper
41	100		
69	81.2	70.2	105.4
39	52.8	47.4	71.0





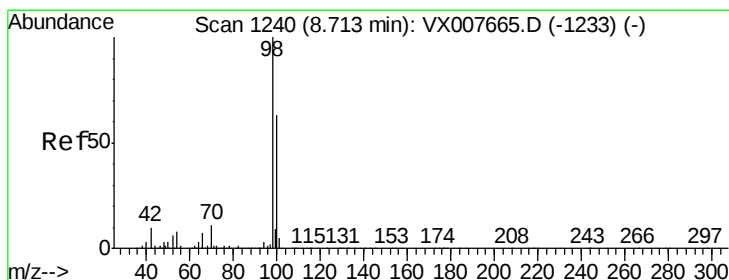
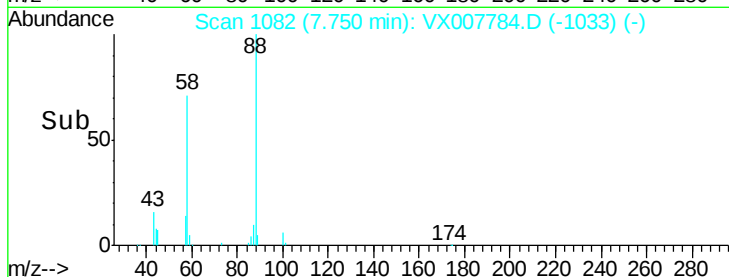
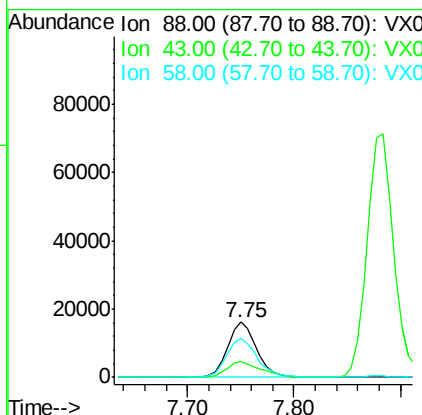
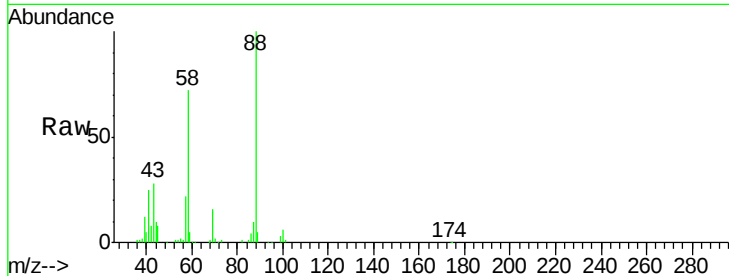
#49
1,4-Dioxane
Concen: 408.905 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.00 min
Lab File: VX007784.D
Acq: 01 Mar 2019 12:47

Instrument :
MSVOA_X
ClientSampleId :
VX0301WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.1	24.2	36.4
58	74.7	53.0	79.4

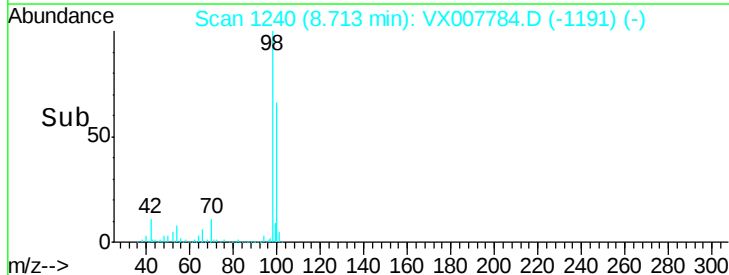
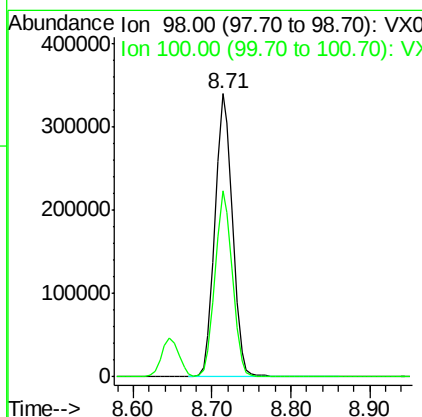
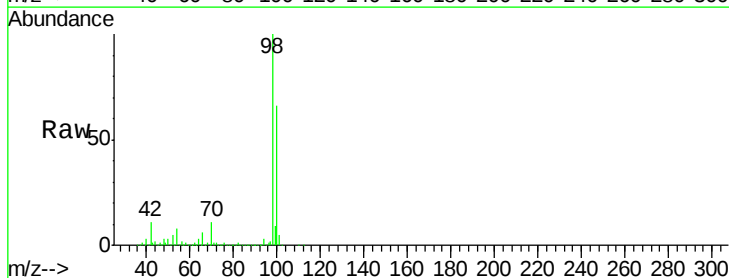
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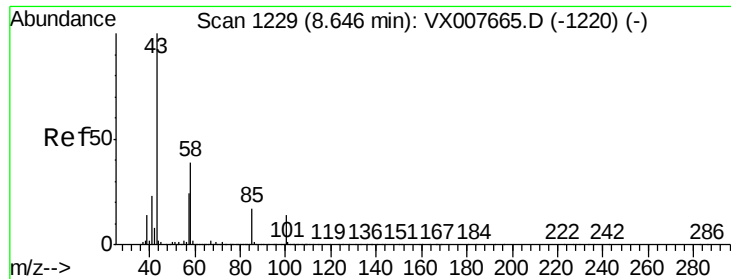
MMDadoda
3/4/2019 1:35:59 PM



#50
Toluene-d8
Concen: 47.689 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007784.D
Acq: 01 Mar 2019 12:47

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.9	51.6	77.4





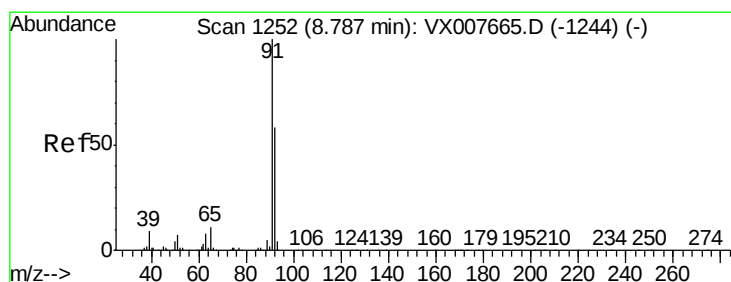
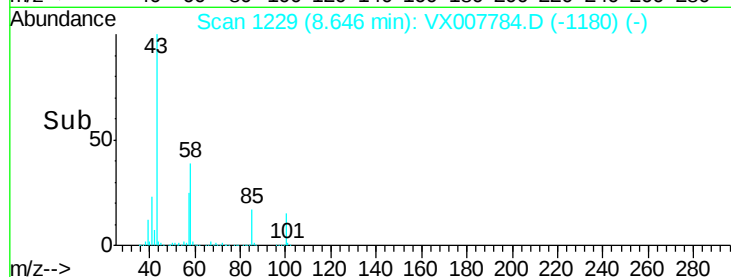
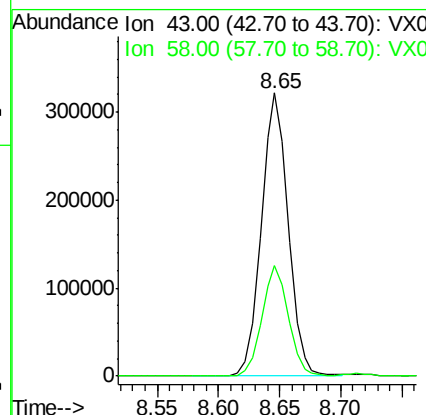
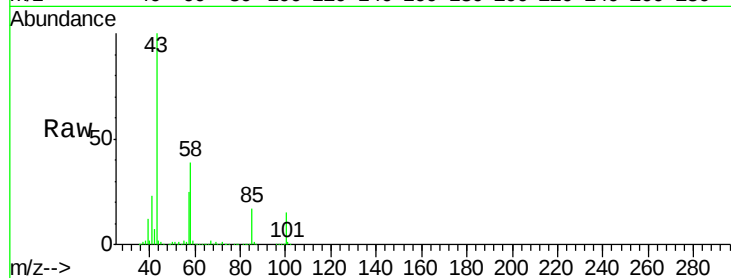
#51
4-Methyl-2-Pentanone
Concen: 110.236 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VX007784.D
Acq: 01 Mar 2019 12:47

Instrument :
MSVOA_X
ClientSampleId :
VX0301WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	38.4	31.2	46.8

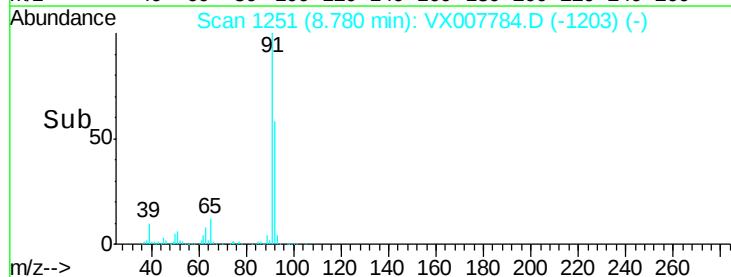
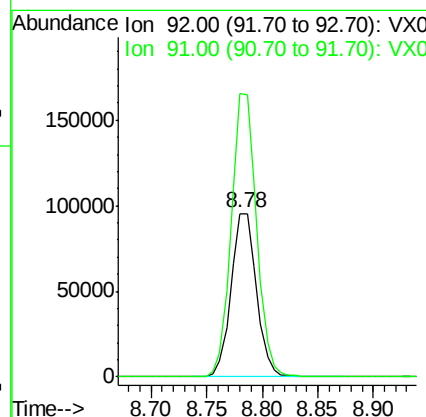
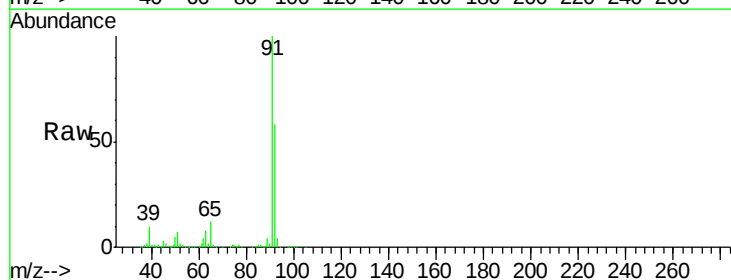
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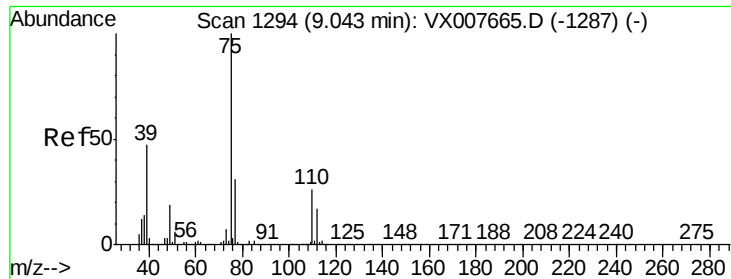
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3/4/2019 1:35:59 PM



#52
Toluene
Concen: 19.895 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX007784.D
Acq: 01 Mar 2019 12:47

Tgt Ion	Ratio	Lower	Upper
92	100		
91	172.6	139.1	208.7





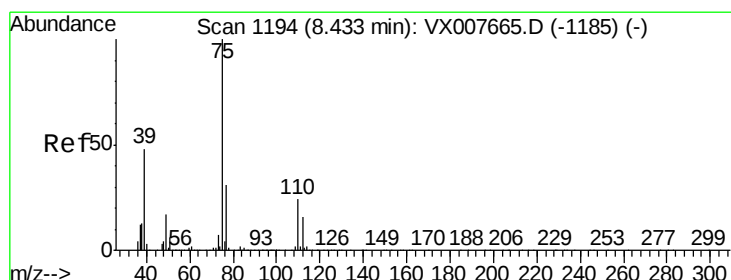
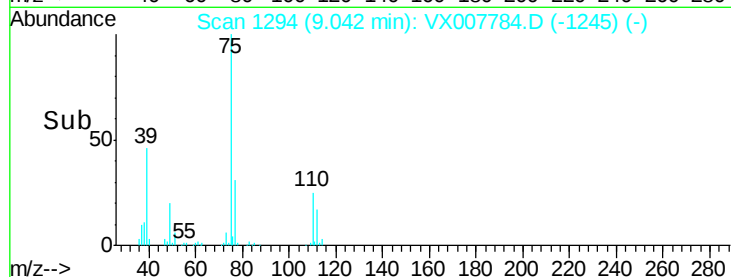
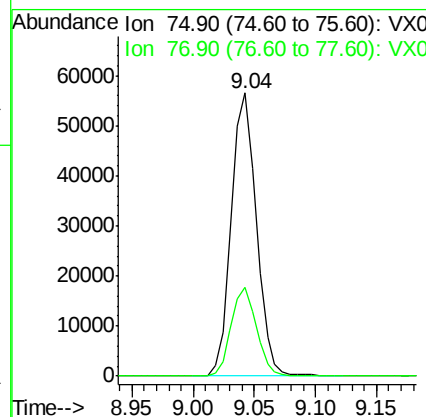
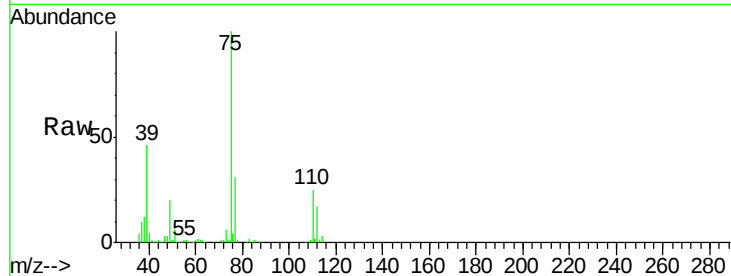
#53
t-1,3-Dichloropropene
Concen: 18.994 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX007784.D
Acq: 01 Mar 2019 12:47

Instrument :
MSVOA_X
ClientSampleId :
VX0301WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.2	37.8

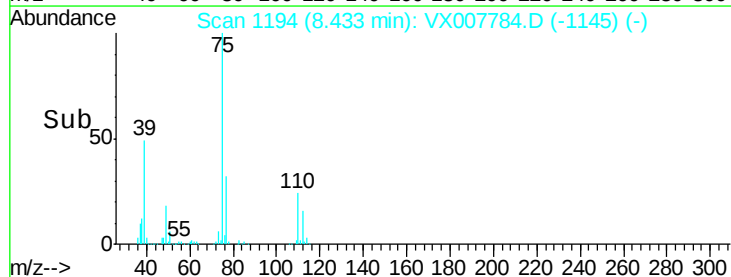
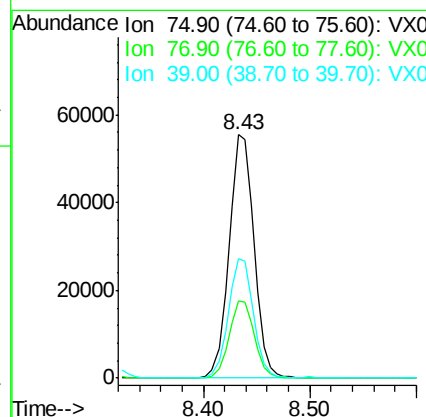
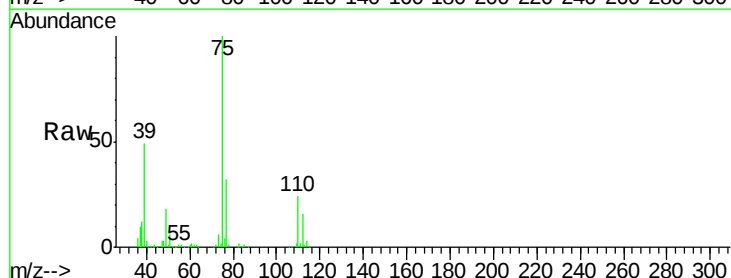
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3/4/2019 1:35:59 PM



#54
cis-1,3-Dichloropropene
Concen: 19.910 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX007784.D
Acq: 01 Mar 2019 12:47

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.5	26.2	39.4
39	48.7	37.1	55.7





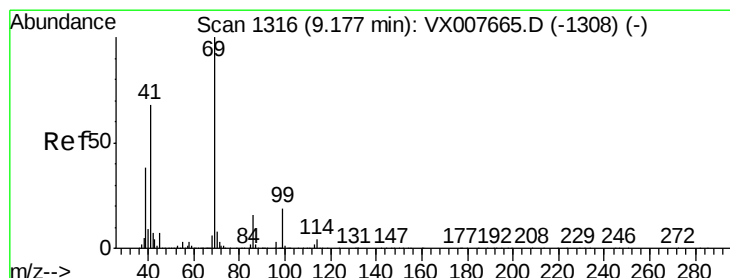
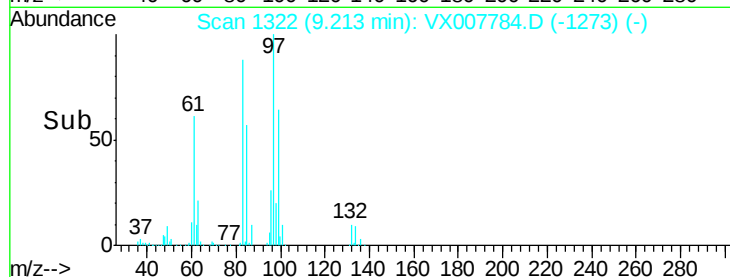
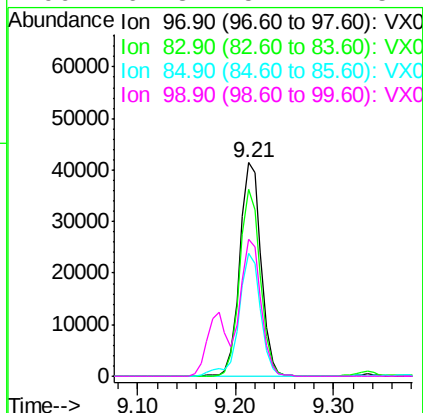
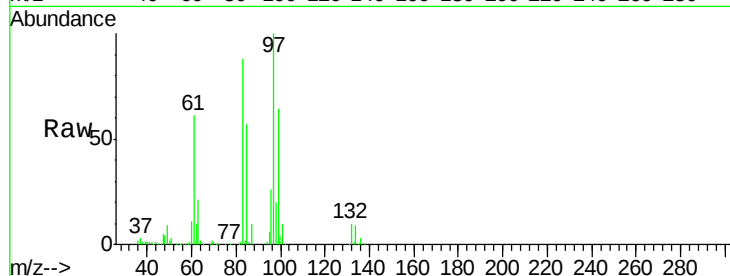
#55
 1,1,2-Trichloroethane
 Concen: 19.859 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX007784.D
 Acq: 01 Mar 2019 12:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0301WBS01

Tot Ion:	97	Resp:	62806
Ion	Ratio	Lower	Upper
97	100		
83	87.7	68.6	102.8
85	57.4	44.5	66.7
99	64.3	52.2	78.4

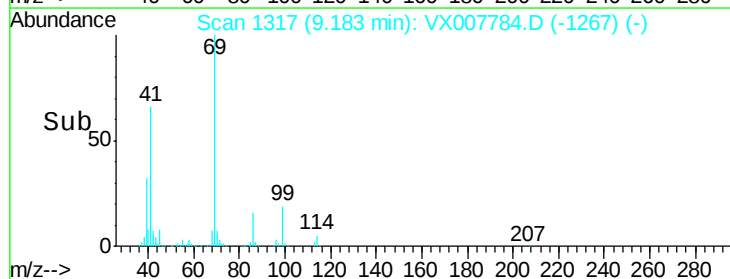
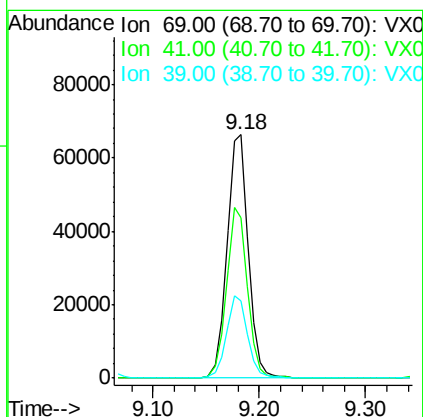
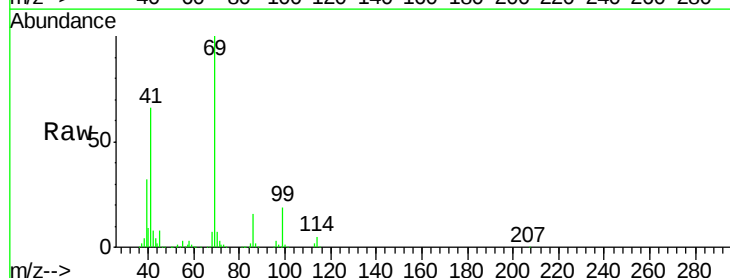
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#56
 Ethyl methacrylate
 Concen: 20.680 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.01 min
 Lab File: VX007784.D
 Acq: 01 Mar 2019 12:47

Tgt Ion:	69	Resp:	93006
Ion	Ratio	Lower	Upper
69	100		
41	68.8	52.1	78.1
39	33.4	30.1	45.1





#57

1,3-Dichloropropane

Concen: 20.530 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX007784.D

Acq: 01 Mar 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

VX0301WBS01

Tot Ion: 76 Resp: 103936

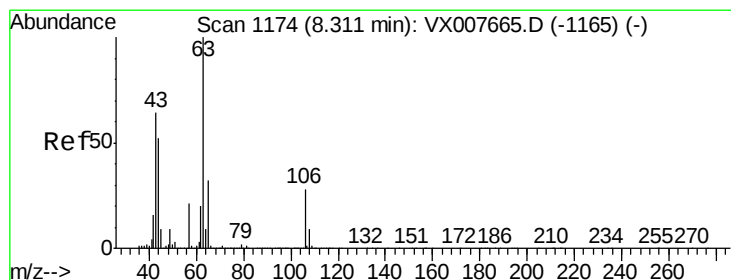
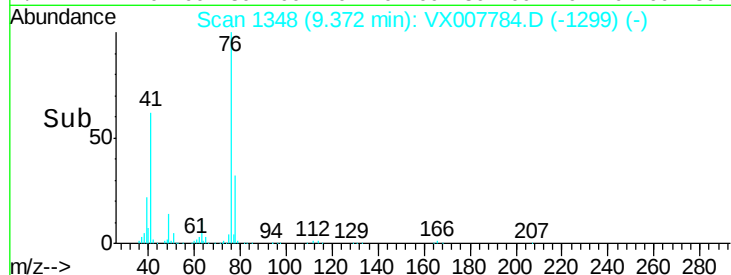
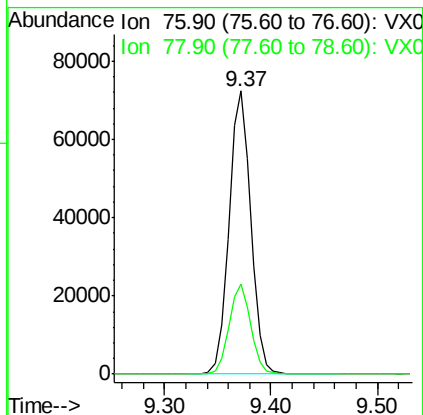
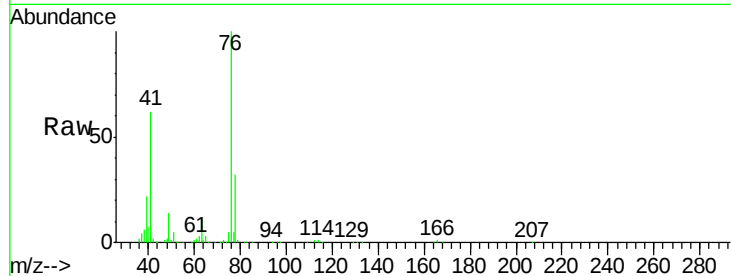
Ion Ratio Lower Upper

76 100

78 31.7 25.8 38.8

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3/4/2019 1:35:59 PM



#58

2-Chloroethyl Vinyl ether

Concen: 103.597 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX007784.D

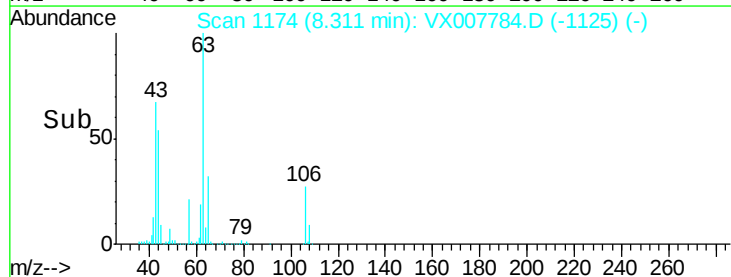
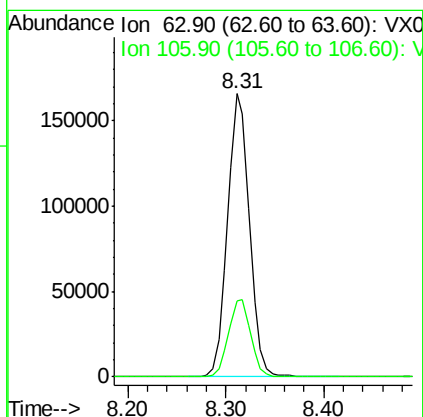
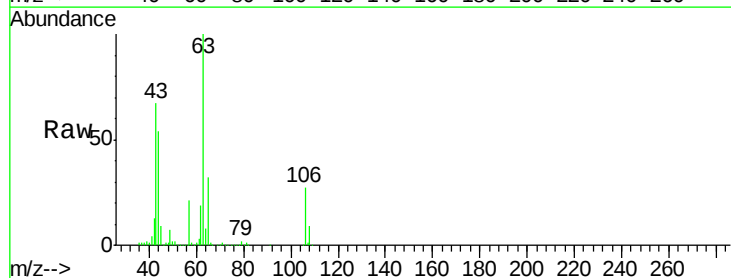
Acq: 01 Mar 2019 12:47

Tgt Ion: 63 Resp: 256930

Ion Ratio Lower Upper

63 100

106 27.9 23.6 35.4





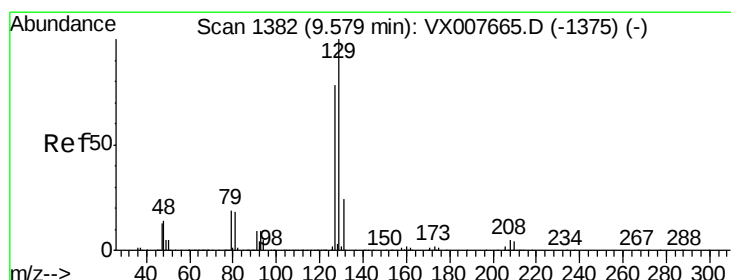
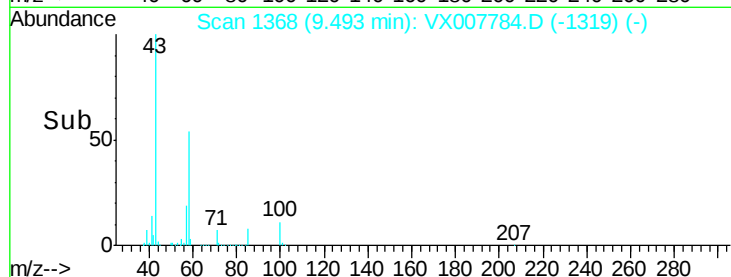
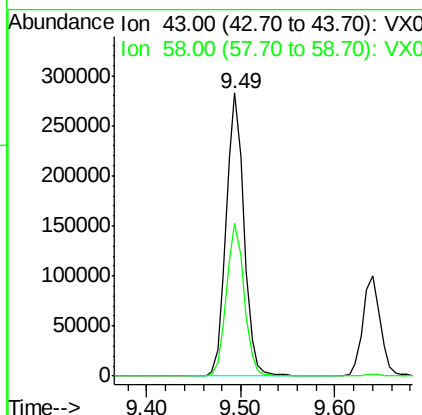
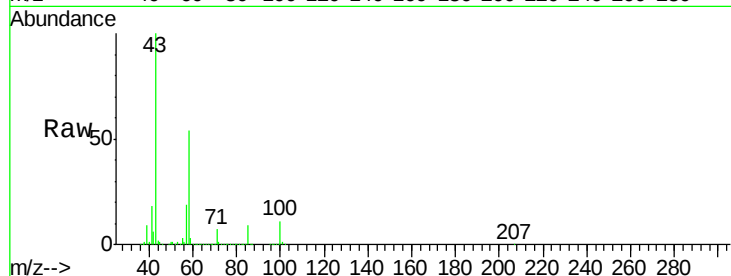
#59
2-Hexanone
Concen: 106.312 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007784.D
Acq: 01 Mar 2019 12:47

Instrument :
MSVOA_X
ClientSampleId :
VX0301WBS01

Tot Ion: 43 Resp: 372139
Ion Ratio Lower Upper
43 100
58 53.7 27.1 81.3

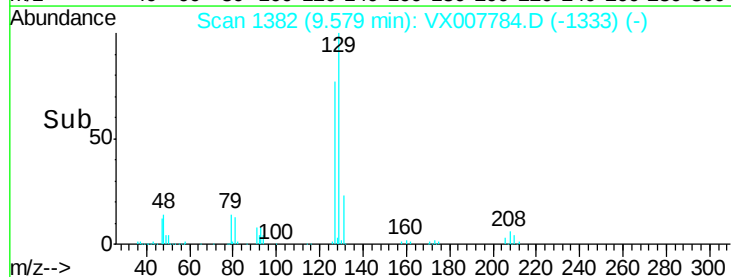
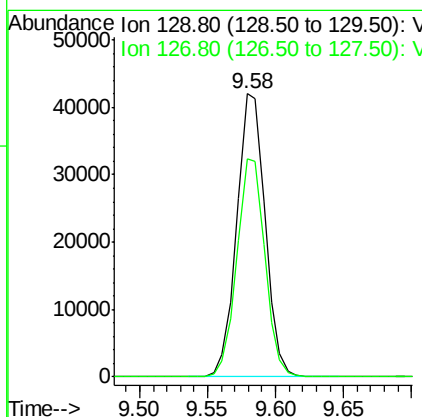
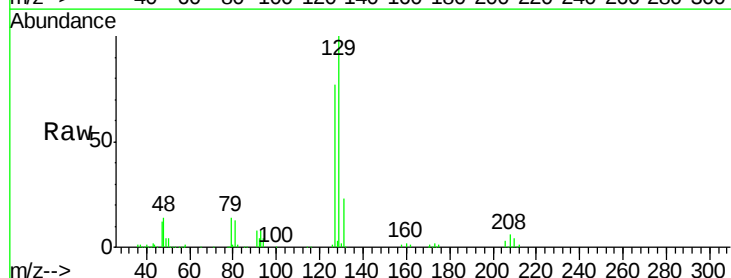
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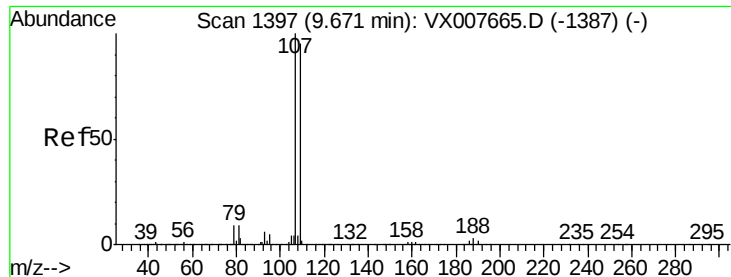
MMDadoda
3/4/2019 1:35:59 PM



#60
Dibromochloromethane
Concen: 20.057 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX007784.D
Acq: 01 Mar 2019 12:47

Tgt Ion: 129 Resp: 61036
Ion Ratio Lower Upper
129 100
127 76.4 37.8 113.4





#61

1,2-Dibromoethane

Concen: 19.935 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007784.D

Acq: 01 Mar 2019 12:47

Instrument :

MSVOA_X

ClientSampled :

VX0301WBS01

Tot Ion: 107 Resp: 65458

Ion Ratio Lower Upper

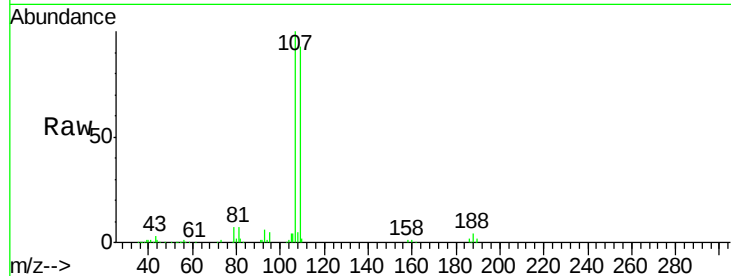
107 100

109 94.3 75.1 112.7

Manual Integrations
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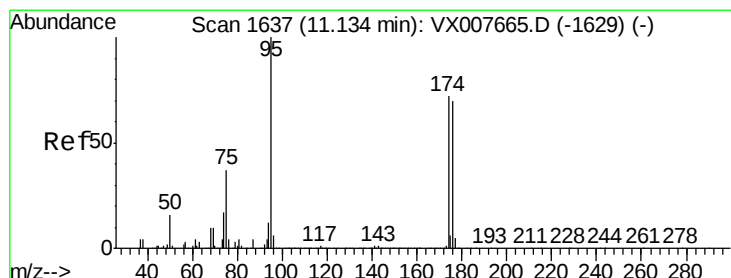
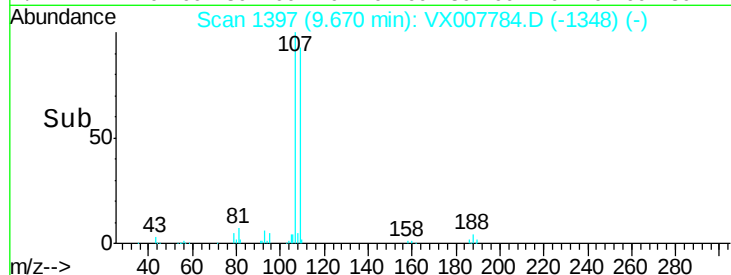
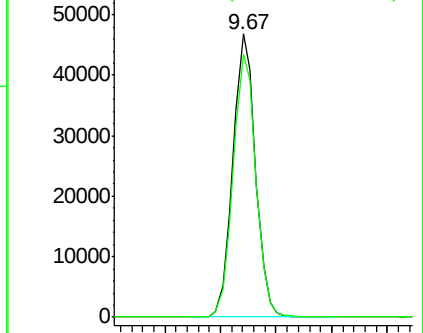
MMDadoda

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 45.870 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007784.D

Acq: 01 Mar 2019 12:47

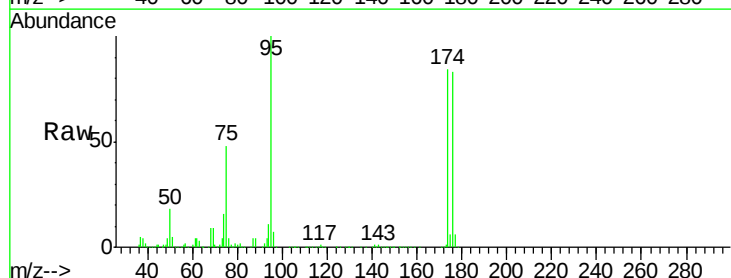
Tgt Ion: 95 Resp: 186716

Ion Ratio Lower Upper

95 100

174 91.0 0.0 189.2

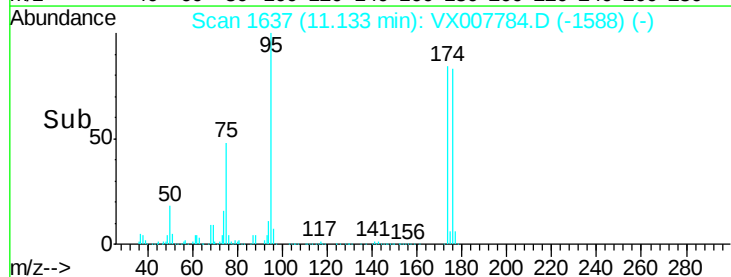
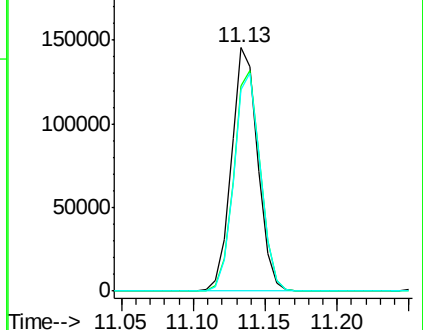
176 89.8 0.0 186.2

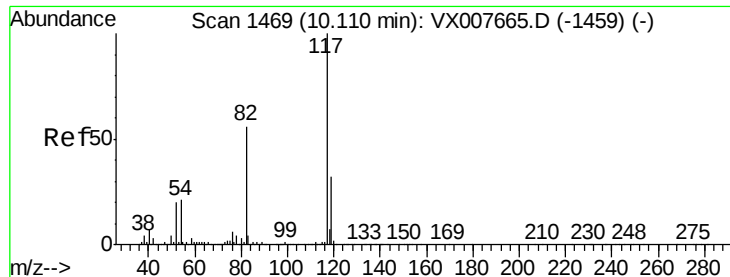


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





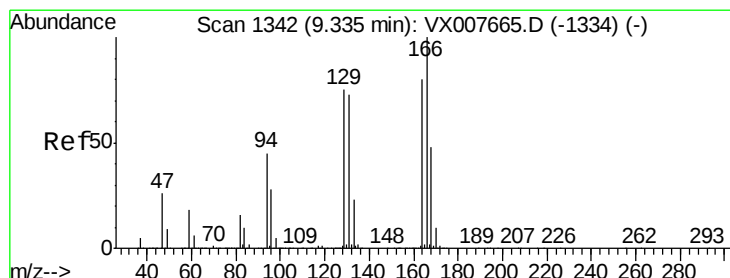
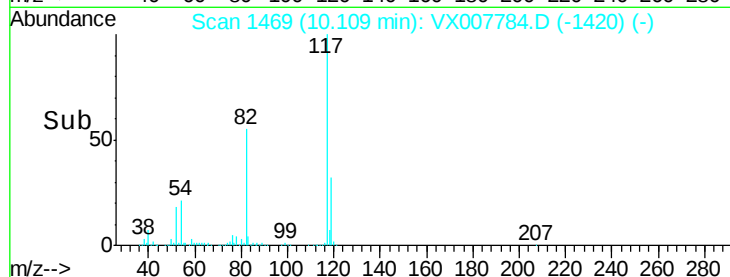
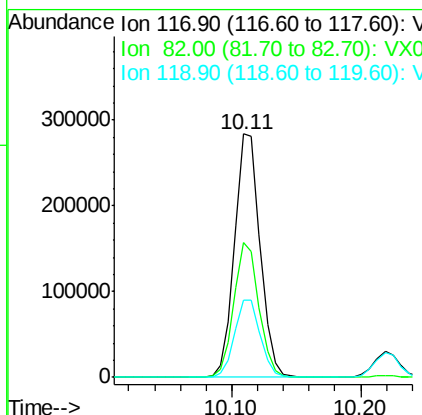
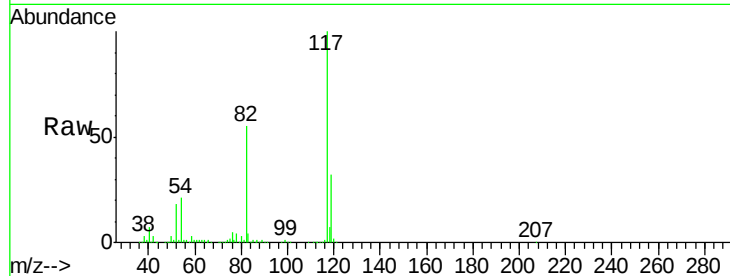
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007784.D
Acq: 01 Mar 2019 12:47

Instrument :
MSVOA_X
ClientSampleId :
VX0301WBS01

Tot Ion	Ratio	Resp Lower	Upper
117	100		
82	55.4	42.1	63.1
119	32.0	26.5	39.7

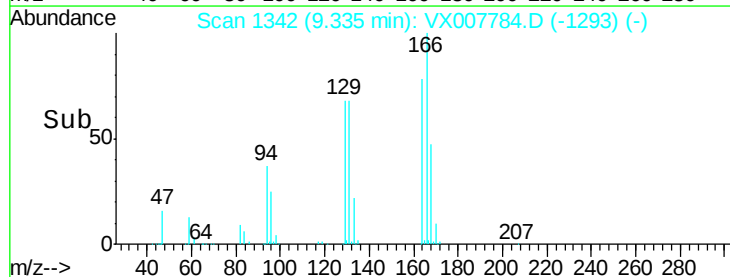
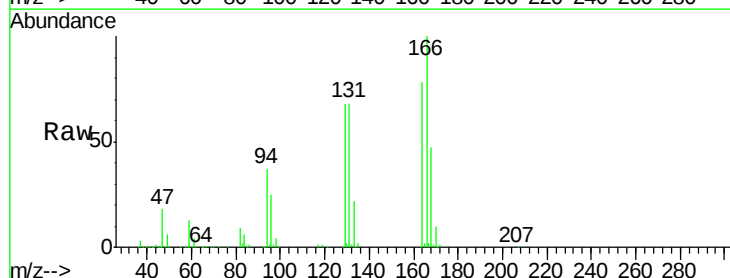
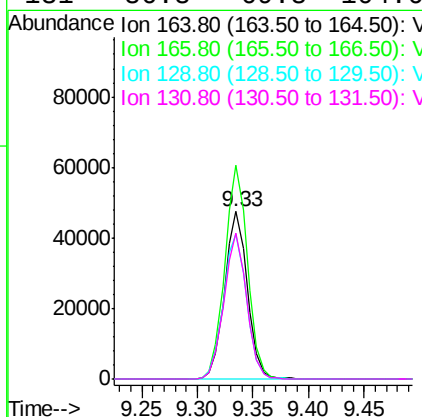
Manual Integrations
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#64
Tetrachloroethene
Concen: 20.952 ug/l
RT: 9.33 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007784.D
Acq: 01 Mar 2019 12:47

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
166	127.6	101.0	151.4
129	86.5	70.5	105.7
131	86.8	69.8	104.6





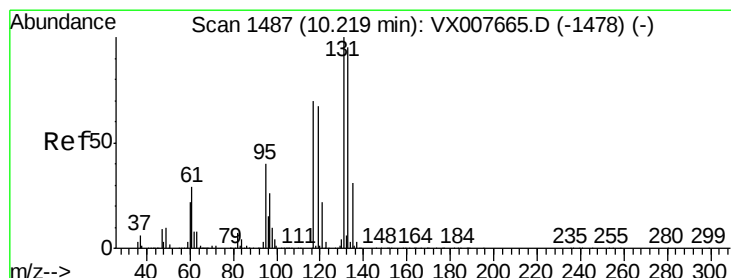
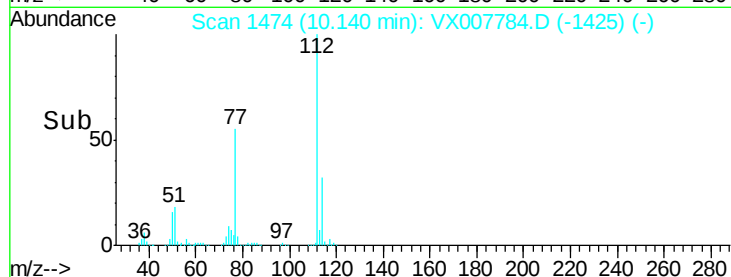
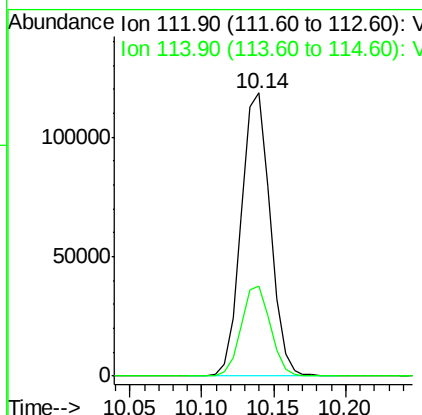
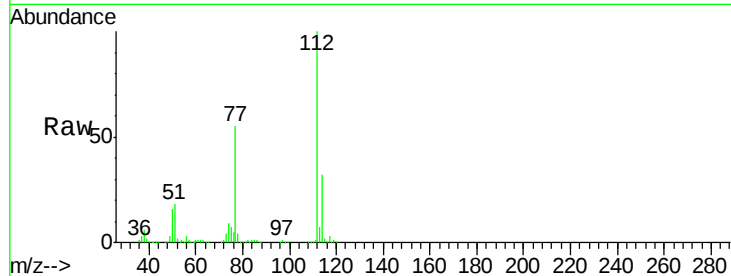
#65
Chlorobenzene
Concen: 19.473 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX007784.D
Acq: 01 Mar 2019 12:47

Instrument :
MSVOA_X
ClientSampleId :
VX0301WBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.8	25.8	38.6

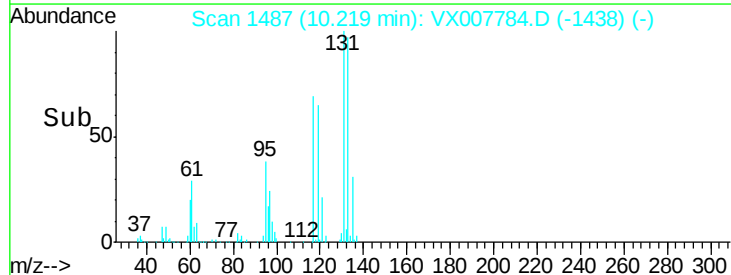
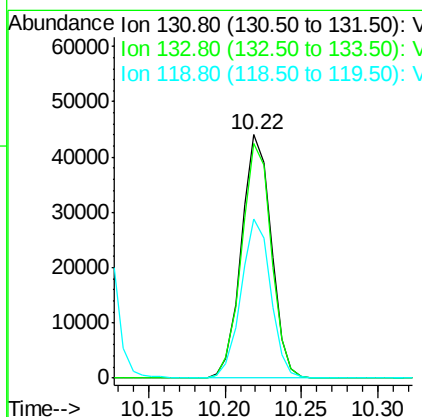
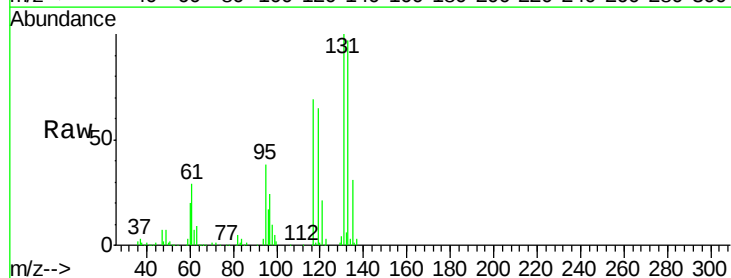
Manual Integrations
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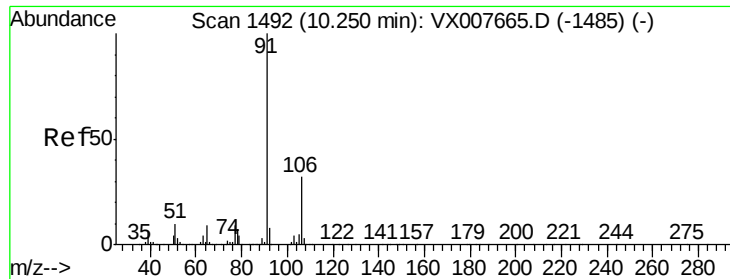
MMDadoda
3/4/2019 1:35:59 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 20.127 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX007784.D
Acq: 01 Mar 2019 12:47

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.9	48.0	144.2
119	64.5	32.0	96.0





#67

Ethyl Benzene

Concen: 19.480 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007784.D

Acq: 01 Mar 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

VX0301WBS01

Tot Ion: 91 Resp: 274773

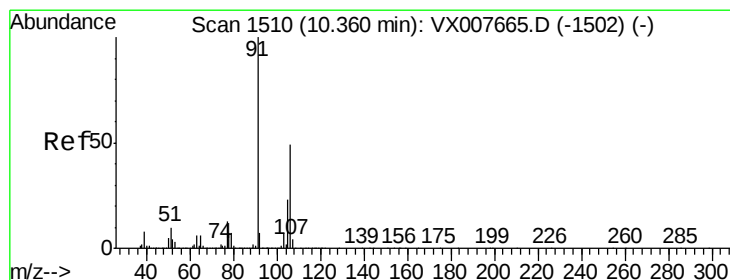
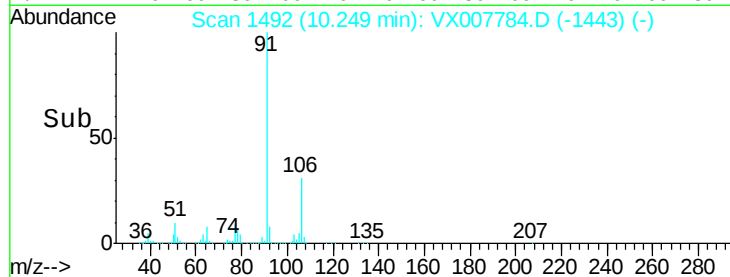
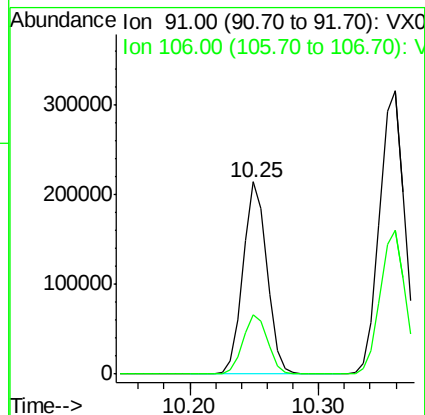
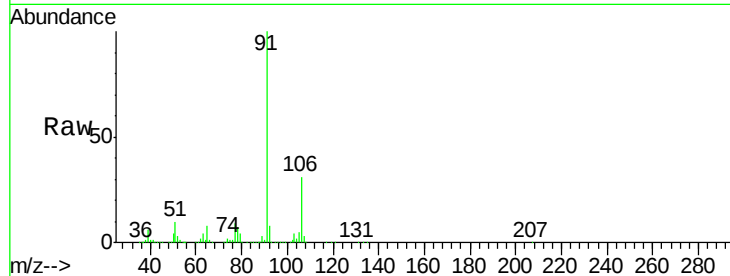
Ion Ratio Lower Upper

91 100

106 31.1 25.4 38.0

Manual Integrations
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3/4/2019 1:35:59 PM



#68

m/p-Xylenes

Concen: 39.023 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007784.D

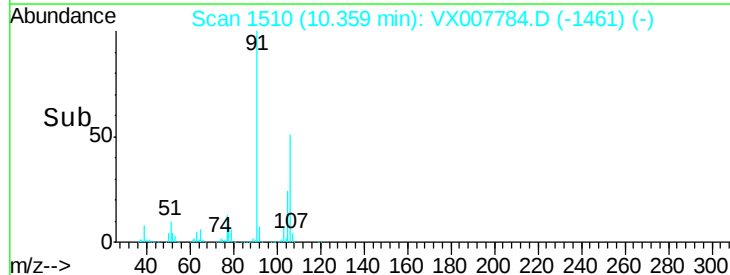
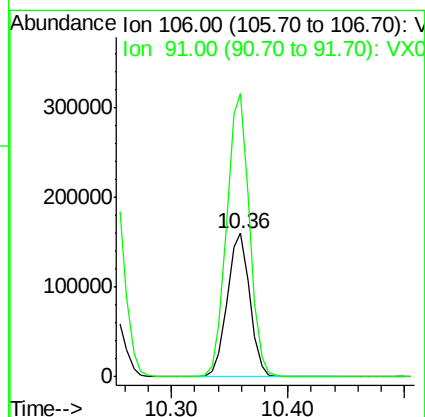
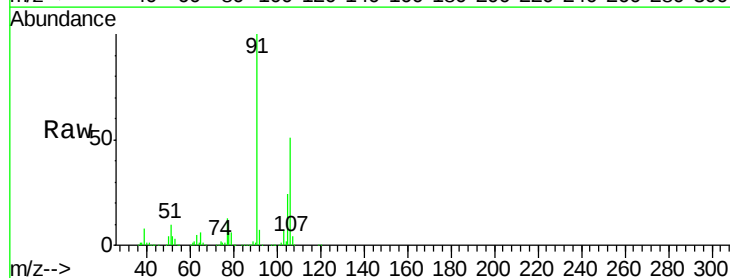
Acq: 01 Mar 2019 12:47

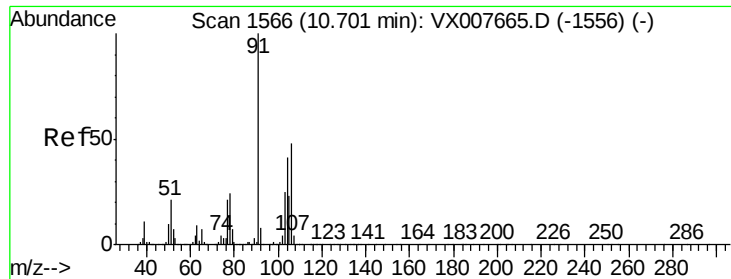
Tgt Ion: 106 Resp: 214135

Ion Ratio Lower Upper

106 100

91 199.2 156.6 234.8





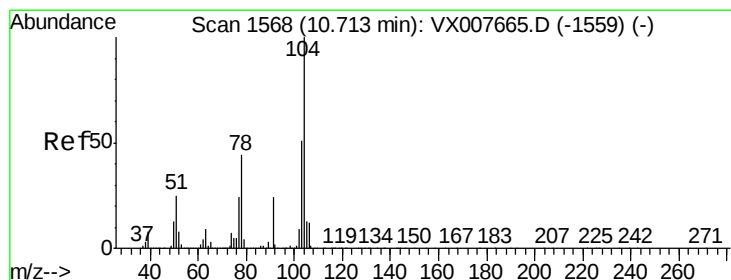
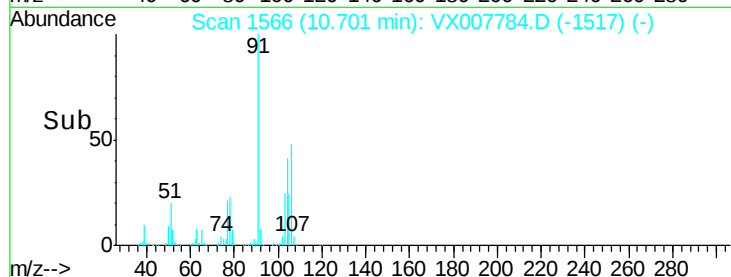
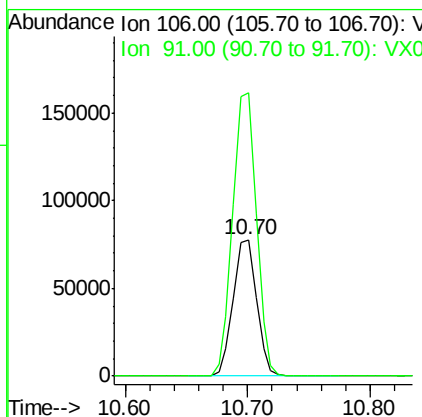
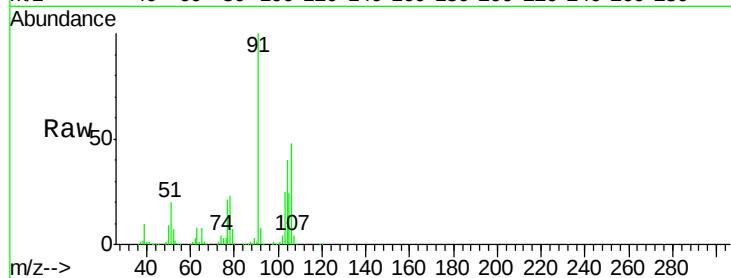
#69
o-Xylene
Concen: 19.536 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX007784.D
Acq: 01 Mar 2019 12:47

Instrument :
MSVOA_X
ClientSampleId :
VX0301WBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	211.5	102.9	308.7

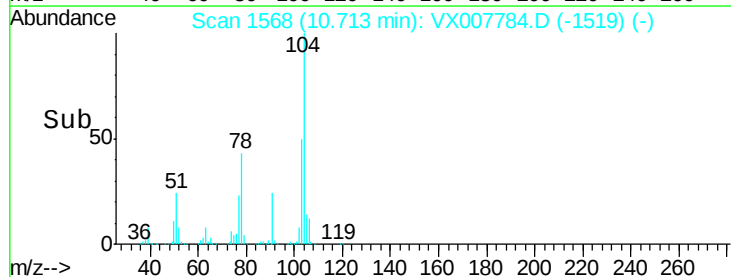
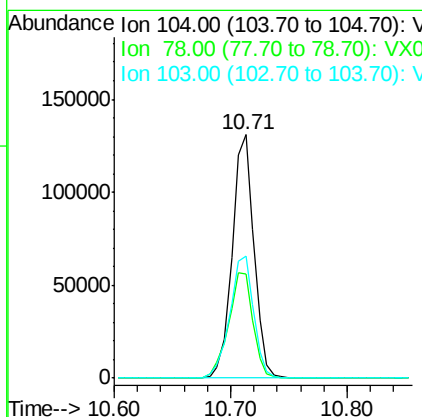
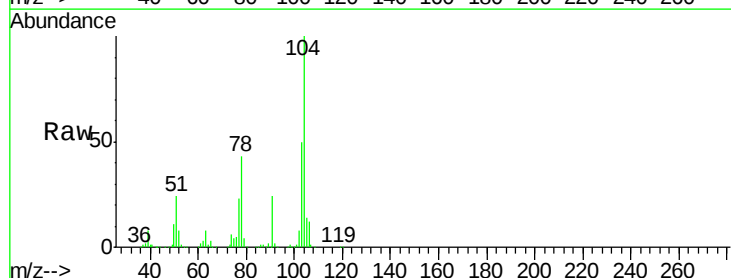
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3/4/2019 1:35:59 PM



#70
Styrene
Concen: 19.708 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007784.D
Acq: 01 Mar 2019 12:47

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.6	38.3	57.5
103	55.1	44.6	67.0





#71

Bromoform

Concen: 21.070 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX007784.D

Acq: 01 Mar 2019 12:47

Instrument :

MSVOA_X

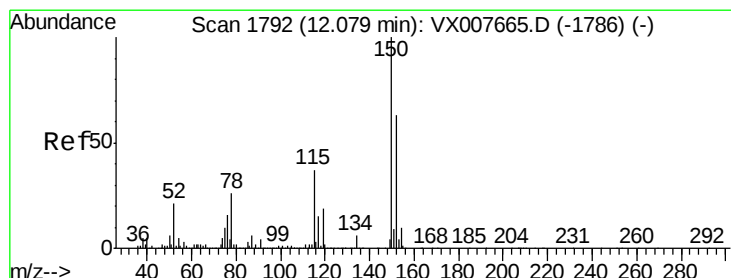
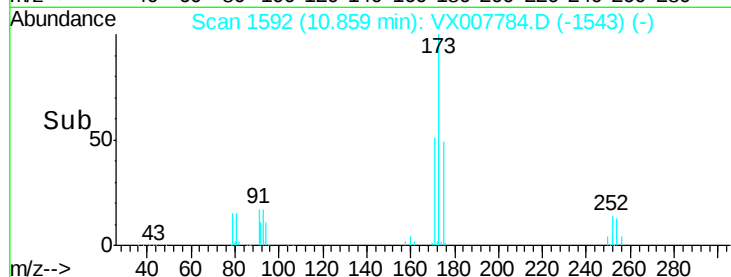
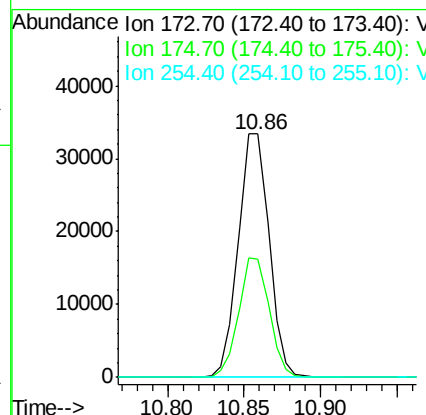
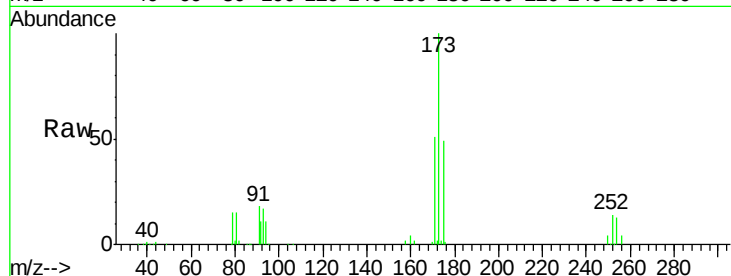
ClientSampleId :

VX0301WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.2	72.6
254	0.0	0.2	0.2

Manual Integrations
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3/4/2019 1:35:59 PM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

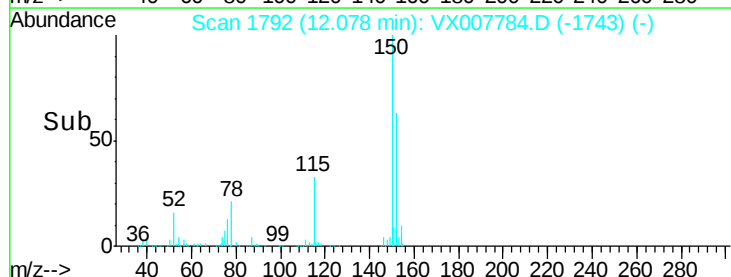
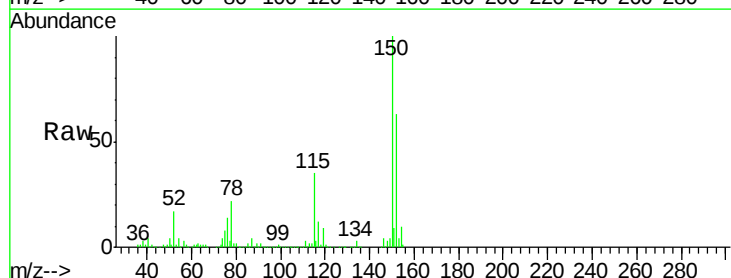
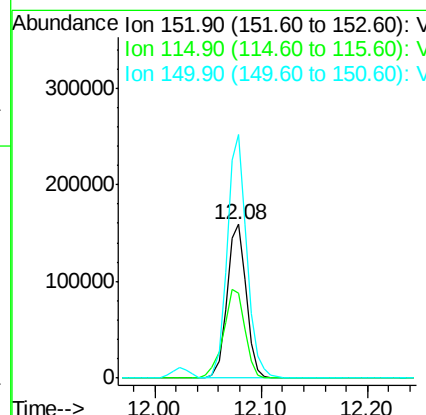
RT: 12.08 min Scan# 1792

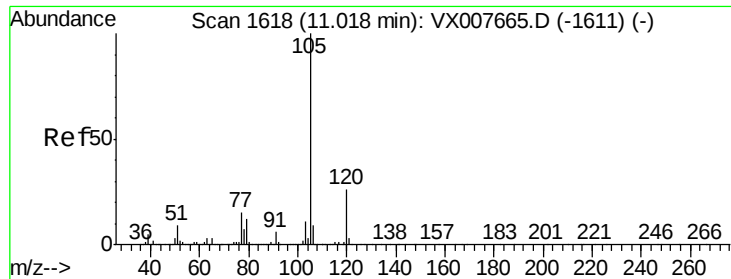
Delta R.T. -0.00 min

Lab File: VX007784.D

Acq: 01 Mar 2019 12:47

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.3	38.0	114.0
150	162.3	0.0	346.4





#73

Isopropylbenzene

Concen: 19.464 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007784.D

Acq: 01 Mar 2019 12:47

Instrument :

MSVOA_X

ClientSampled :

VX0301WBS01

Tot Ion:105 Resp: 276086

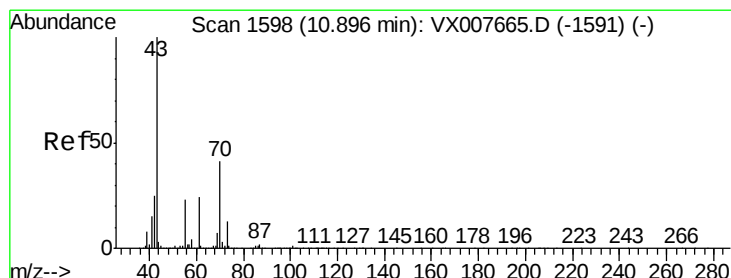
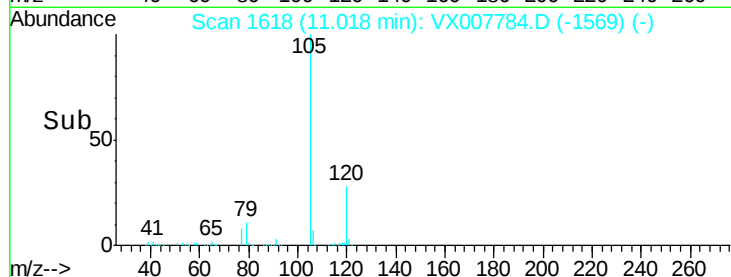
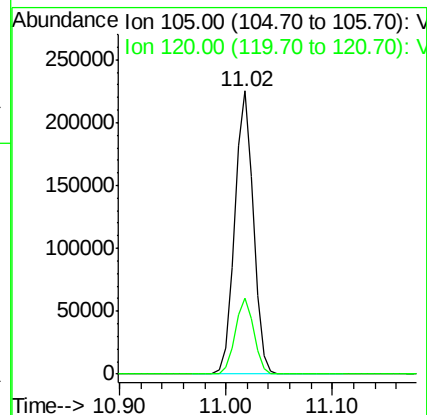
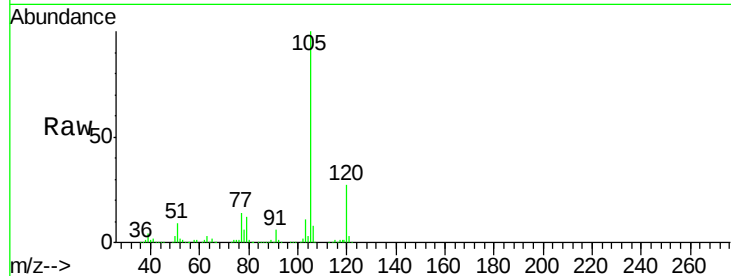
Ion Ratio Lower Upper

105 100

120 26.8 13.6 40.7

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3/4/2019 1:35:59 PM



#74

N-ethyl acetate

Concen: 19.984 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007784.D

Acq: 01 Mar 2019 12:47

Tgt Ion: 43 Resp: 123098

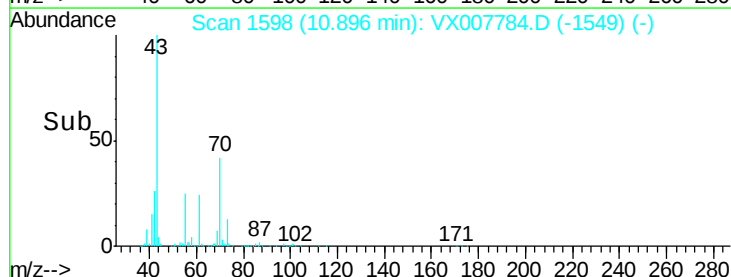
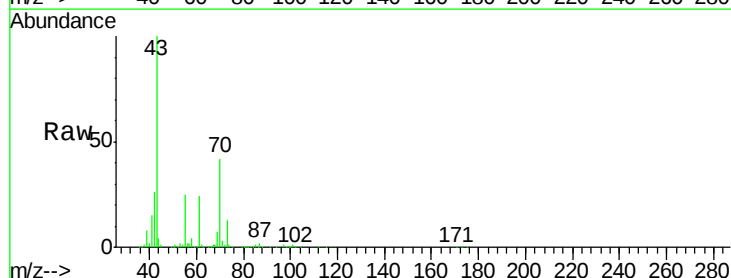
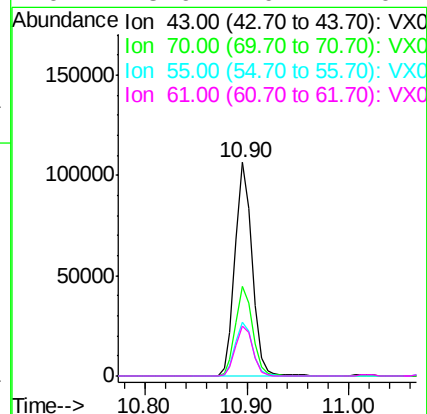
Ion Ratio Lower Upper

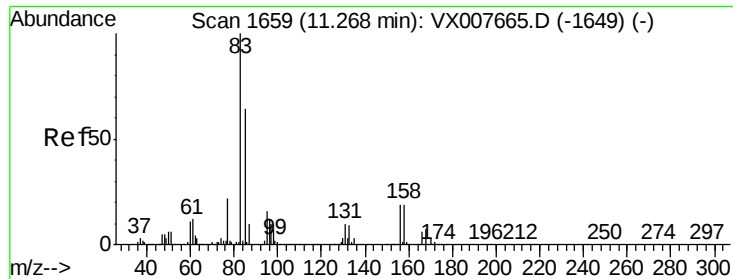
43 100

70 41.8 33.8 50.6

55 26.0 19.5 29.3

61 23.9 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 19.062 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007784.D

Acq: 01 Mar 2019 12:47

Instrument :

MSVOA_X

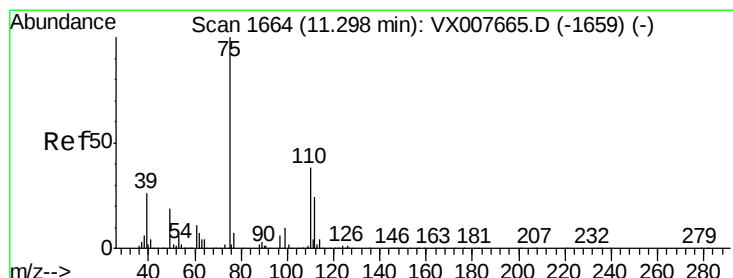
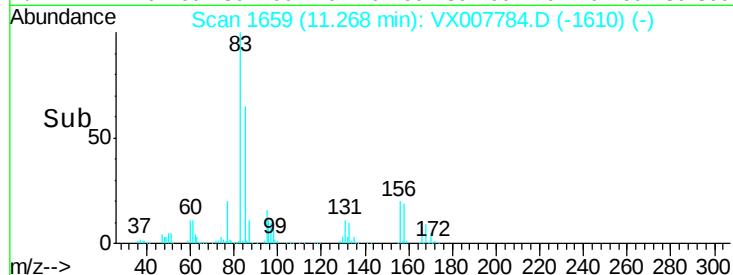
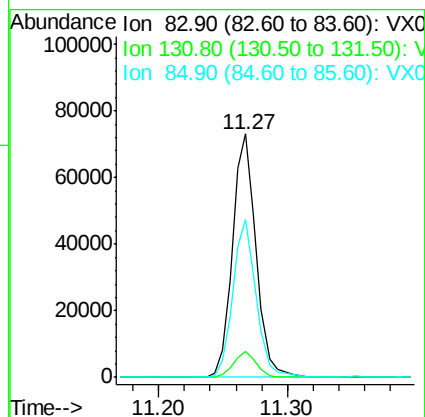
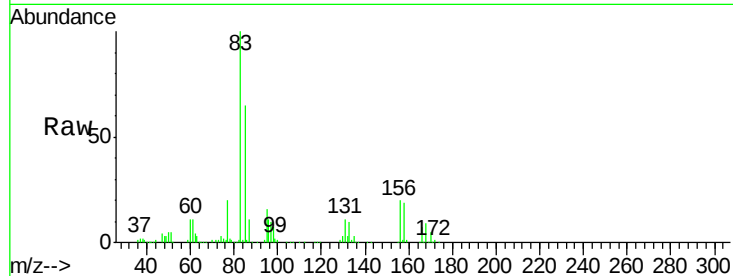
ClientSampleId :

VX0301WBS01

Tot Ion:	83	Resp:	93519
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.7	17.0
85	64.2	32.8	98.3

Manual Integrations
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3/4/2019 1:35:59 PM



#76

1,2,3-Trichloropropane

Concen: 18.337 ug/l m

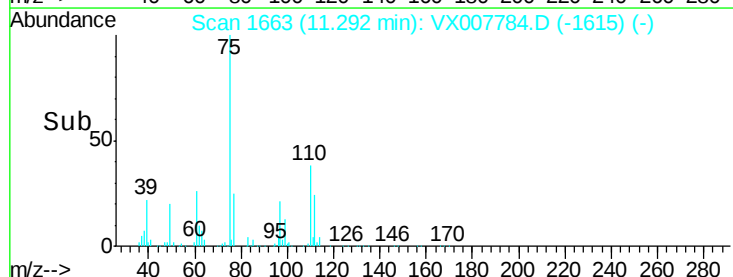
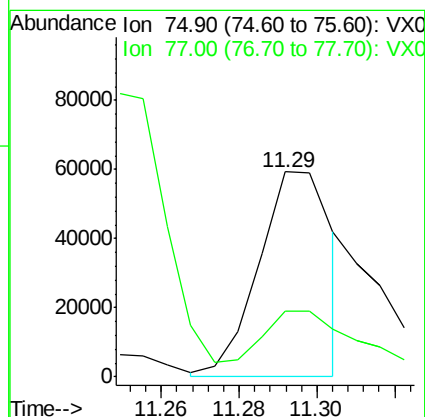
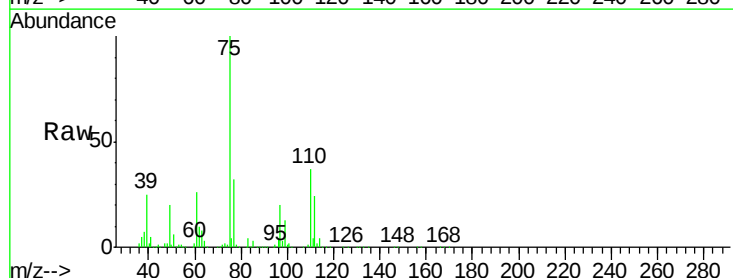
RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX007784.D

Acq: 01 Mar 2019 12:47

Tgt Ion:	75	Resp:	77571
Ion Ratio	Lower	Upper	
75	100		
77	44.5	23.0	69.0





#77

Bromobenzene

Concen: 21.256 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007784.D

Acq: 01 Mar 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

VX0301WBS01

Tot Ion:156 Resp: 75624

Ion Ratio Lower Upper

156 100

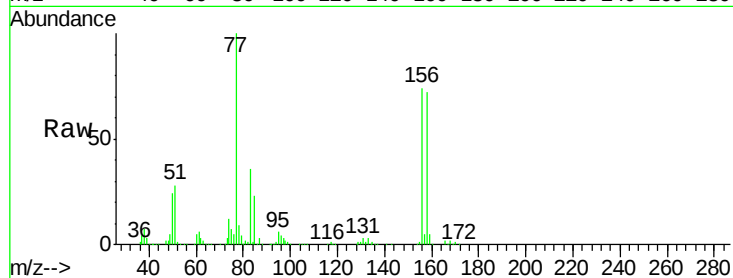
77 142.7 66.8 200.6

158 97.1 47.9 143.8

Manual Integrations
APPROVED

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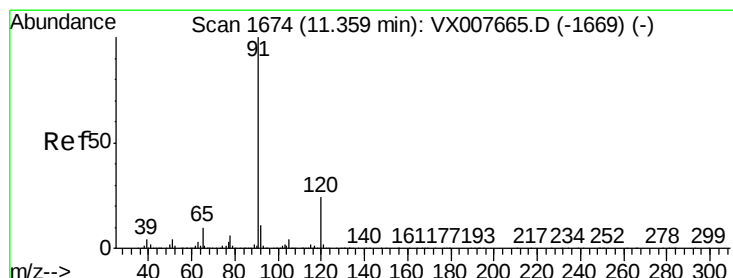
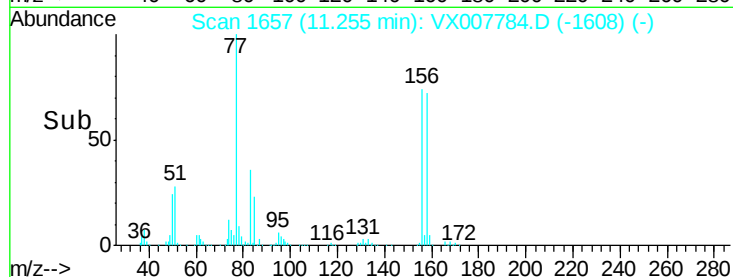
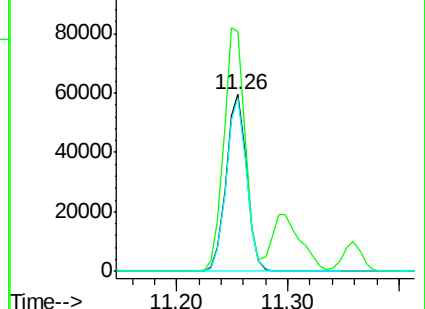
3/4/2019 1:35:59 PM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.135 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007784.D

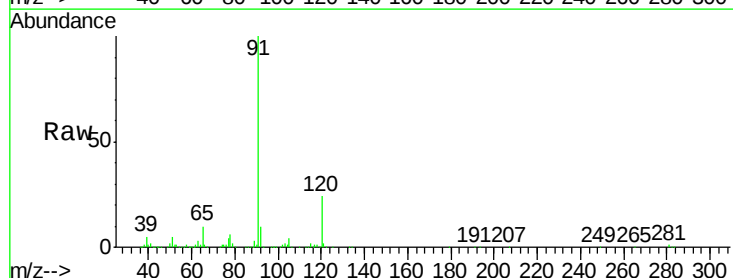
Acq: 01 Mar 2019 12:47

Tgt Ion: 91 Resp: 306716

Ion Ratio Lower Upper

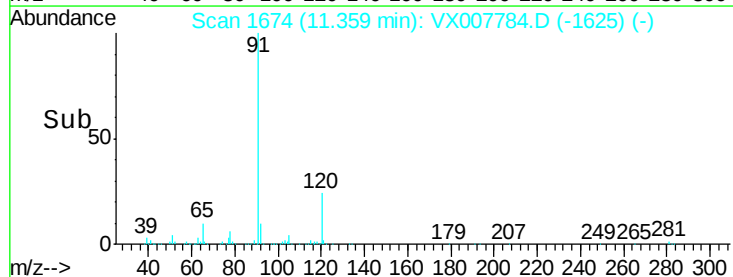
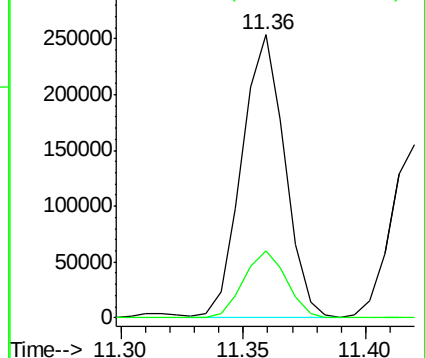
91 100

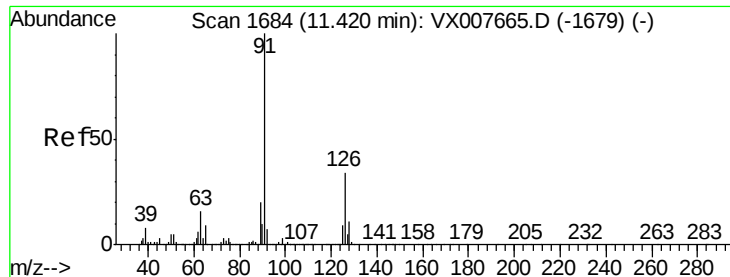
120 24.0 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.315 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007784.D

Acq: 01 Mar 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

VX0301WBS01

Tot Ion: 91 Resp: 186418

Ion Ratio Lower Upper

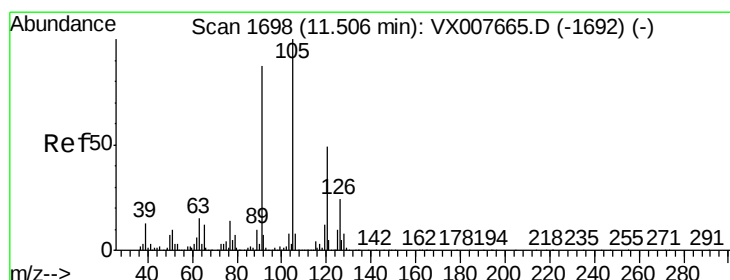
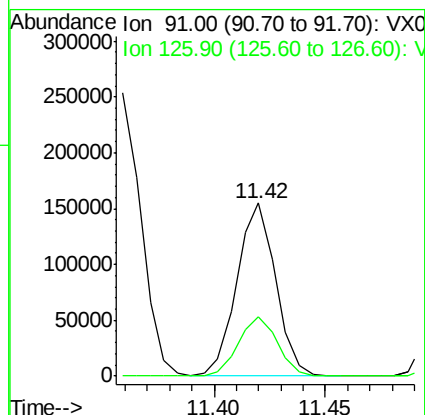
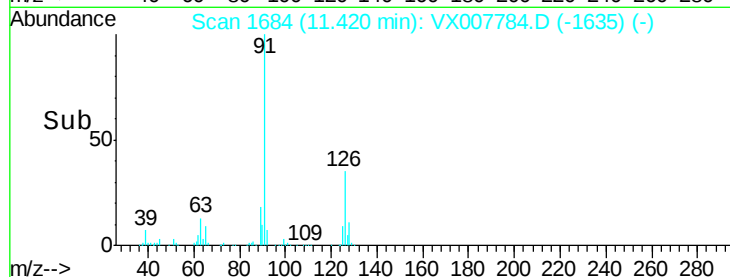
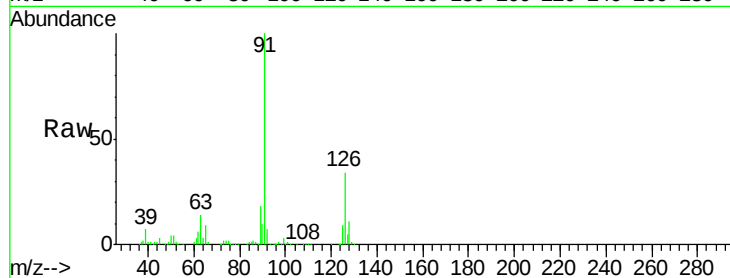
91 100

126 35.1 18.7 56.1

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3/4/2019 1:35:59 PM



#80

1,3,5-Trimethylbenzene

Concen: 19.410 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007784.D

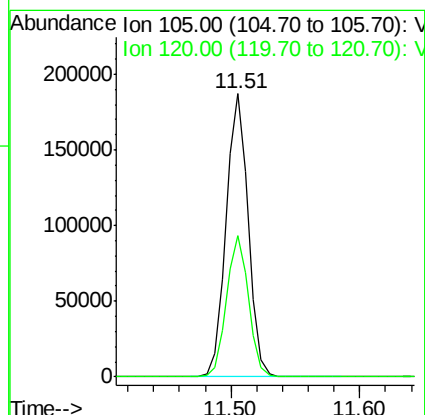
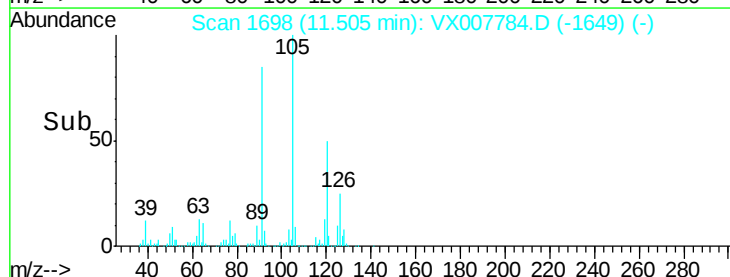
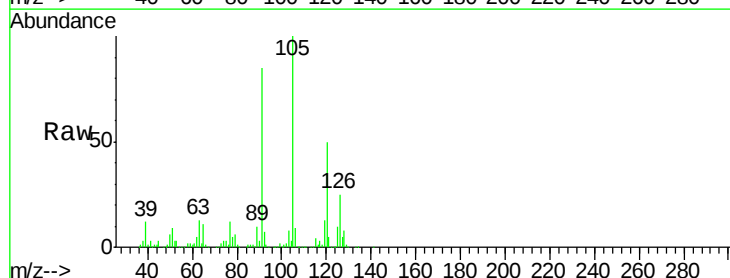
Acq: 01 Mar 2019 12:47

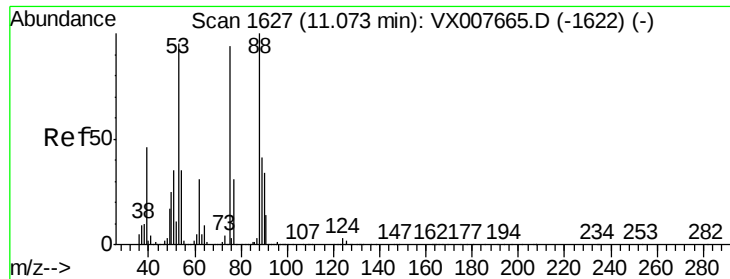
Tgt Ion: 105 Resp: 226464

Ion Ratio Lower Upper

105 100

120 49.7 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 18.076 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007784.D

Acq: 01 Mar 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

VX0301WBS01

Tot Ion: 75 Resp: 25308

Ion Ratio Lower Upper

75 100

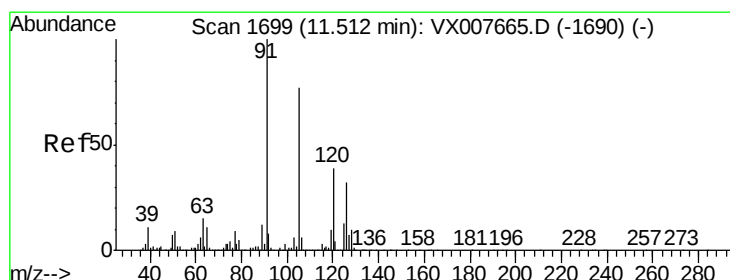
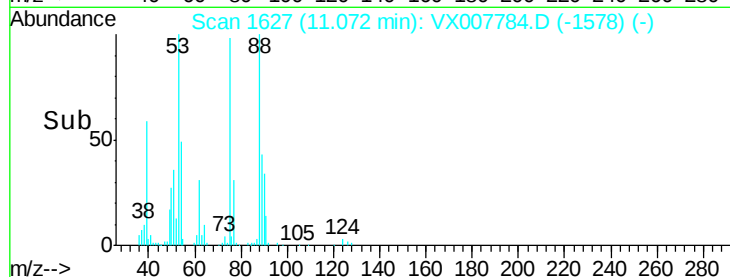
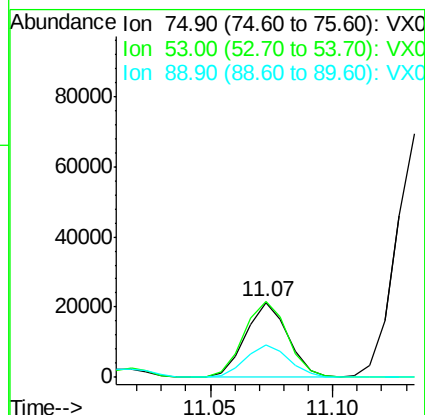
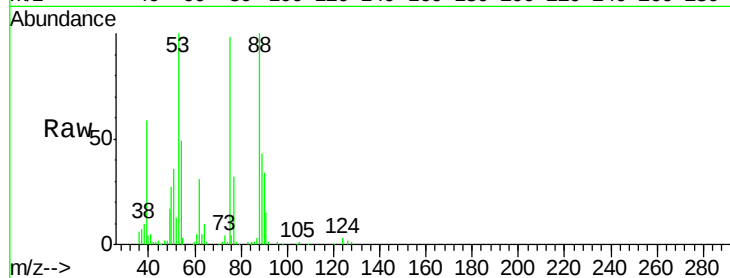
53 106.7 81.0 121.6

89 46.0 41.4 62.0

Manual Integrations
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3/4/2019 1:35:59 PM



#82

4-Chlorotoluene

Concen: 18.892 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX007784.D

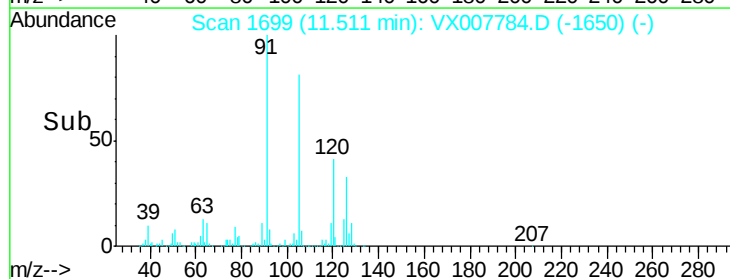
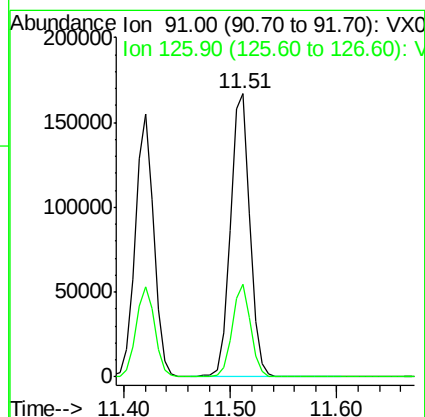
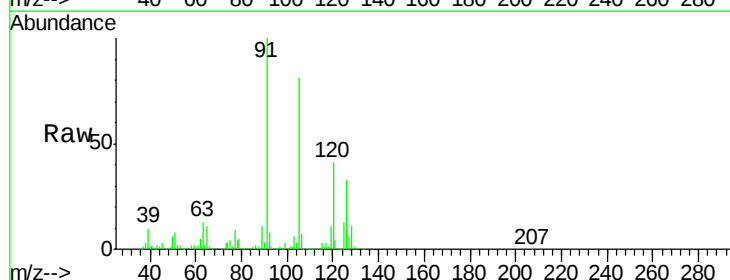
Acq: 01 Mar 2019 12:47

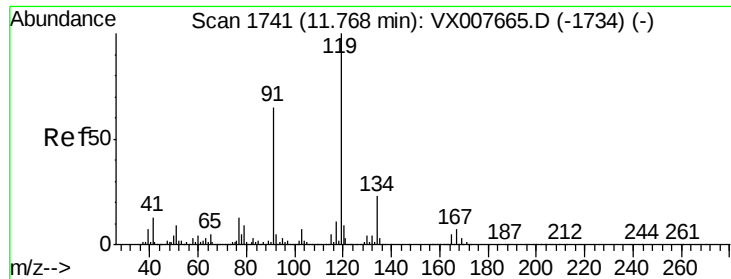
Tgt Ion: 91 Resp: 213291

Ion Ratio Lower Upper

91 100

126 31.2 16.2 48.5





#83

tert-Butylbenzene

Concen: 19.831 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX007784.D

Acq: 01 Mar 2019 12:47

Instrument :

MSVOA_X

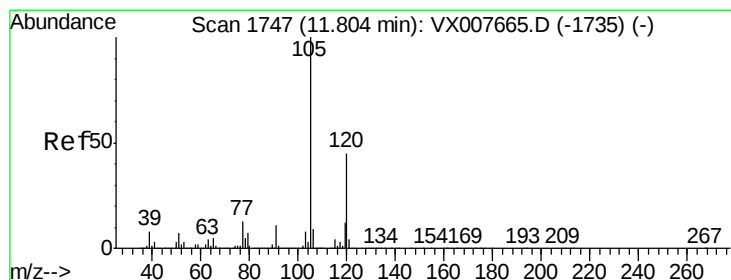
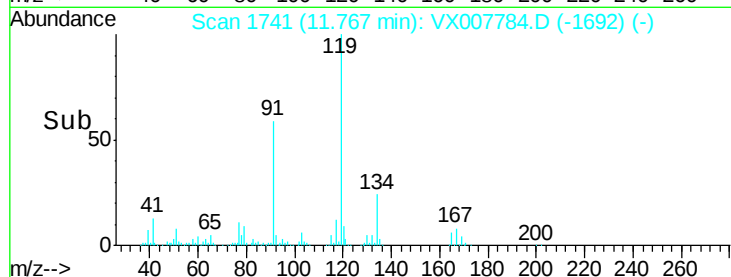
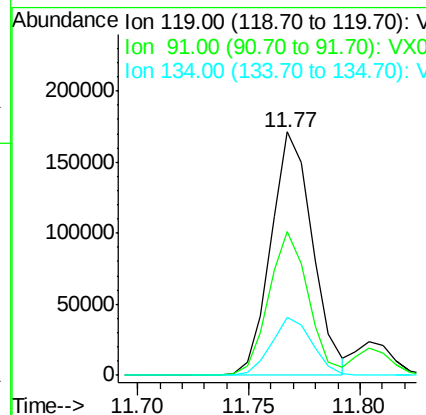
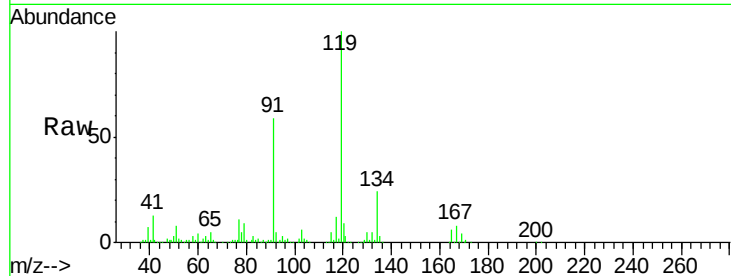
ClientSampleId :

VX0301WBS01

Tot Ion:	119	Resp:	222158
Ion Ratio	Lower	Upper	
119	100		
91	56.2	28.5	85.6
134	23.5	12.0	36.0

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 19.636 ug/l

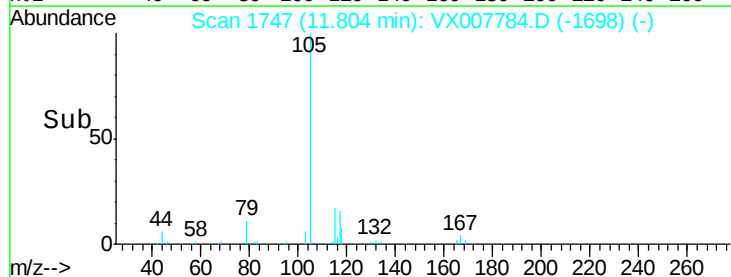
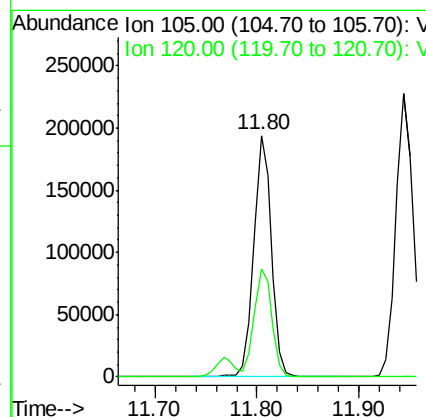
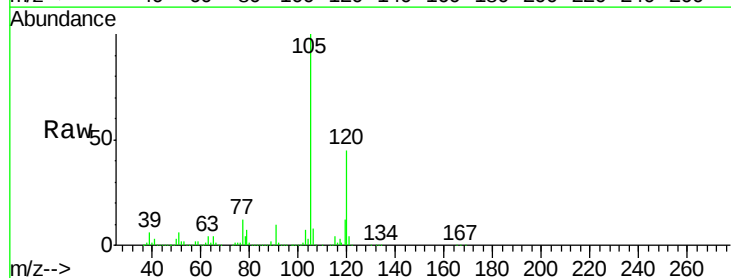
RT: 11.80 min Scan# 1747

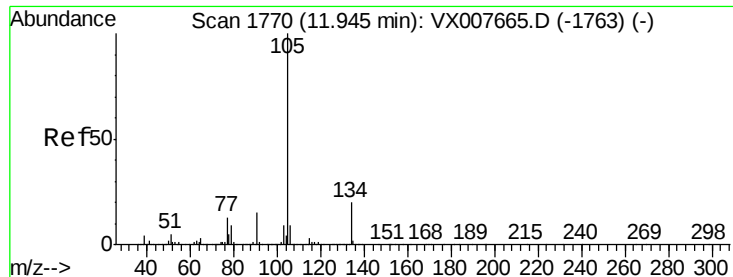
Delta R.T. -0.00 min

Lab File: VX007784.D

Acq: 01 Mar 2019 12:47

Tgt Ion:	105	Resp:	234352
Ion Ratio	Lower	Upper	
105	100		
120	45.2	23.1	69.3





#85

sec-Butylbenzene

Concen: 19.227 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007784.D

Acq: 01 Mar 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

VX0301WBS01

Tot Ion:105 Resp: 269900

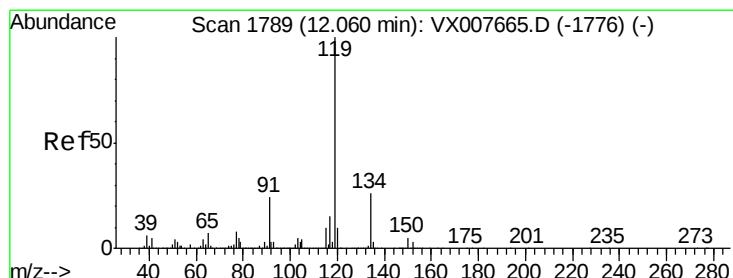
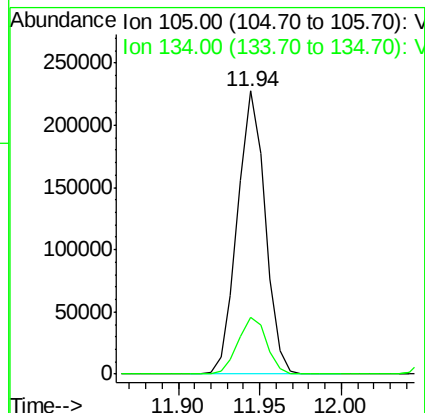
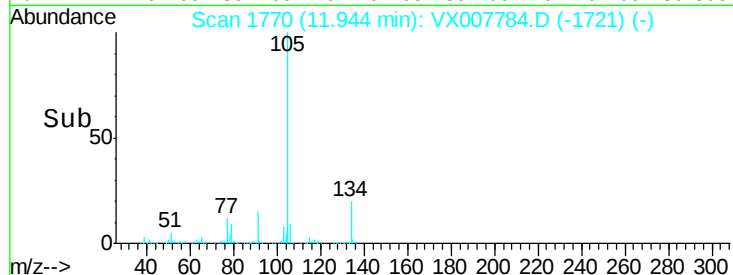
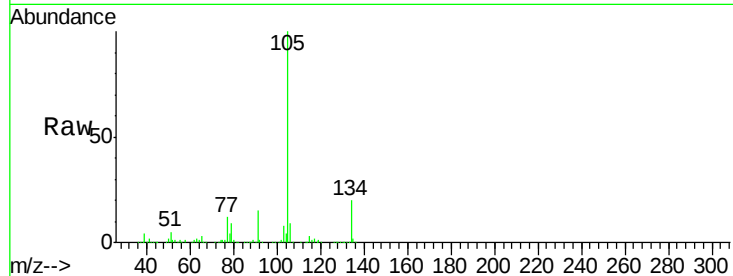
Ion Ratio Lower Upper

105 100

134 20.6 10.6 31.8

Manual Integrations
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3/4/2019 1:35:59 PM



#86

p-Isopropyltoluene

Concen: 19.733 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007784.D

Acq: 01 Mar 2019 12:47

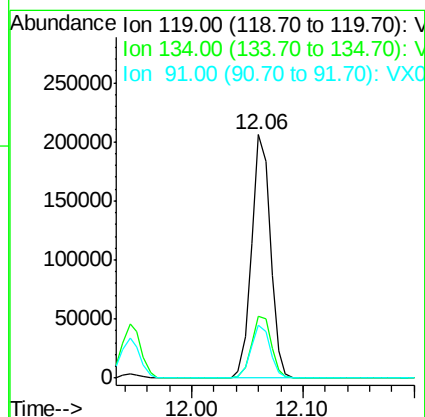
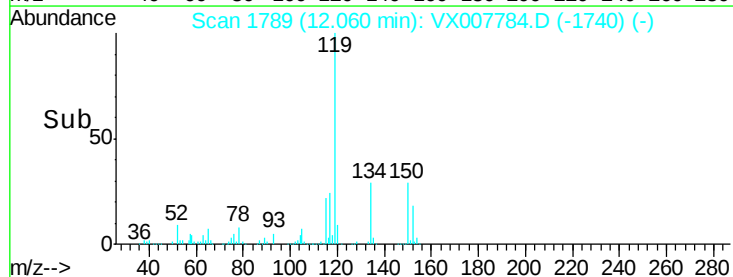
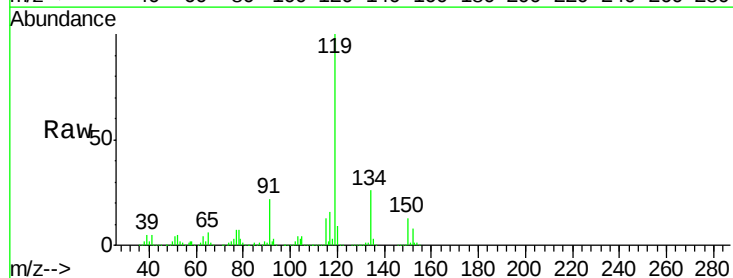
Tgt Ion:119 Resp: 242592

Ion Ratio Lower Upper

119 100

134 26.6 13.7 41.1

91 22.2 11.2 33.5





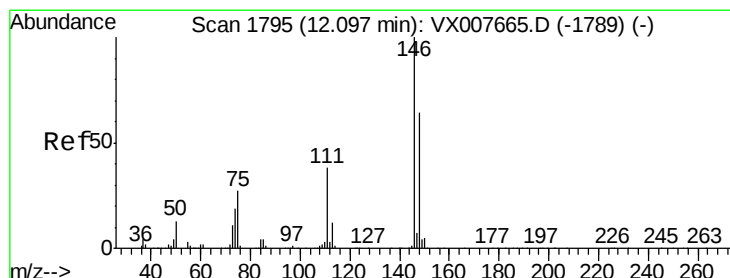
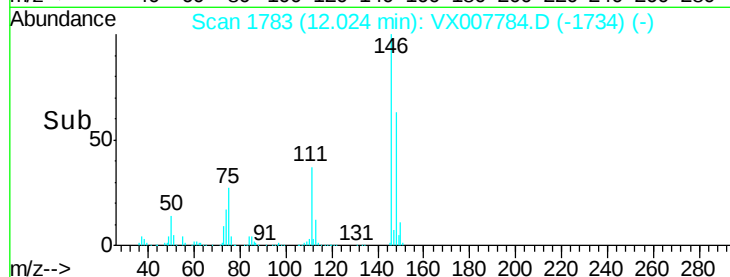
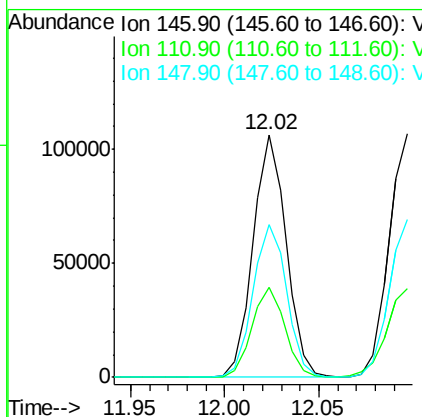
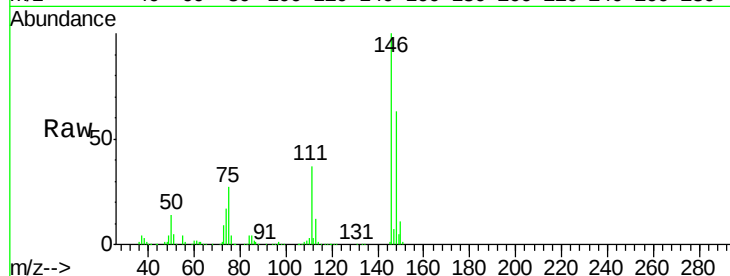
#87
 1,3-Dichlorobenzene
 Concen: 19.646 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007784.D
 Acq: 01 Mar 2019 12:47

Instrument :
 MSVOA_X
 ClientSampled :
 VX0301WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	129652		
111	37.0	18.1	54.1	
148	64.0	32.0	96.2	

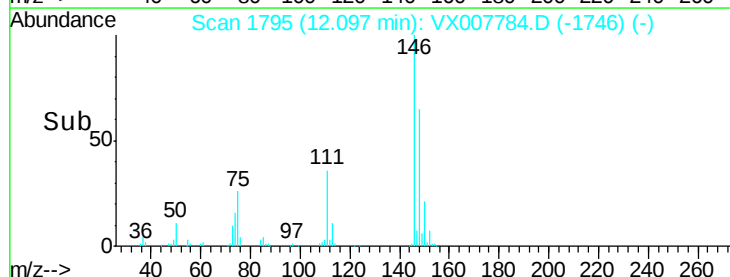
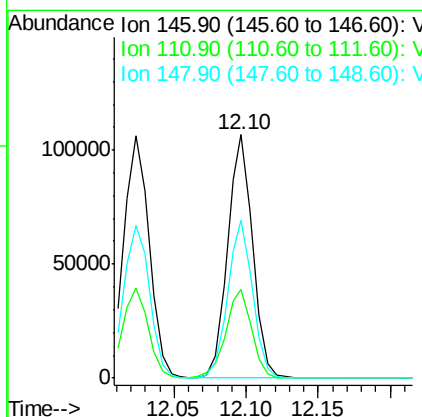
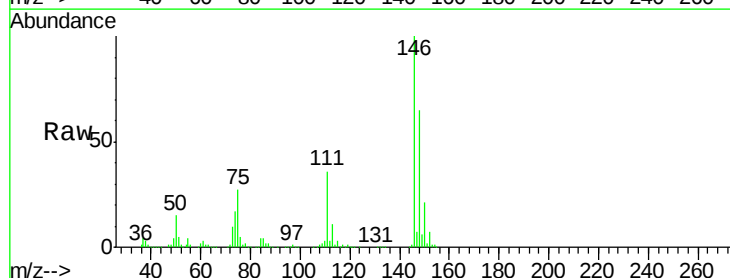
Manual Integrations
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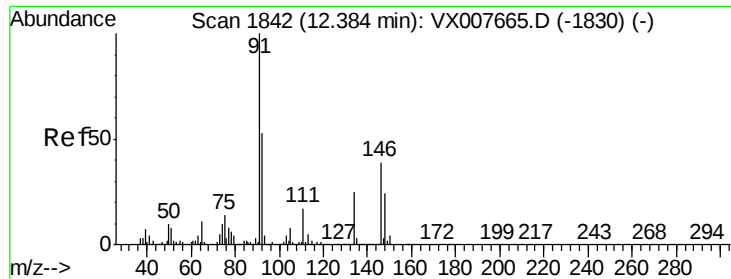
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#88
 1,4-Dichlorobenzene
 Concen: 19.265 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007784.D
 Acq: 01 Mar 2019 12:47

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	130203		
111	38.3	18.1	54.1	
148	64.9	32.3	96.9	





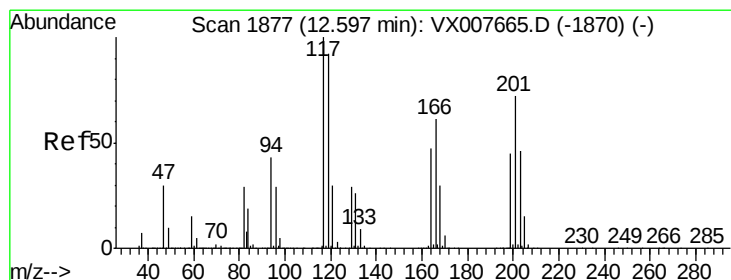
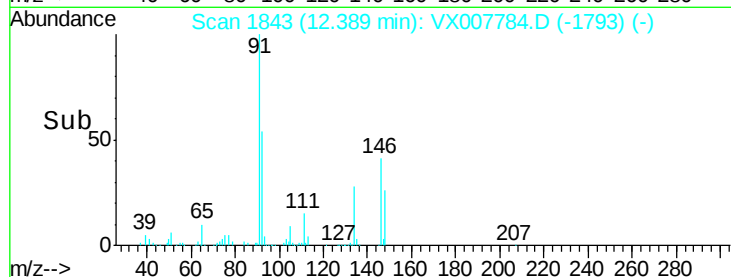
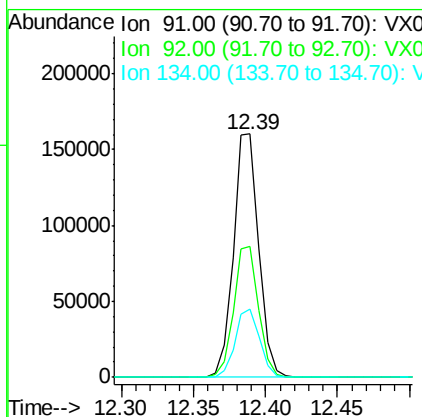
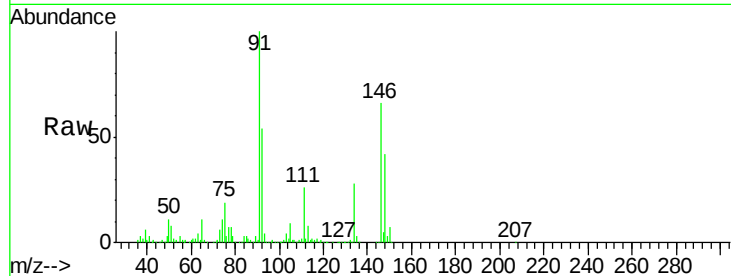
#89
n-Butylbenzene
Concen: 17.949 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VX007784.D
Acq: 01 Mar 2019 12:47

Instrument :
MSVOA_X
ClientSampleId :
VX0301WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.0	26.3	78.9
134	27.1	13.9	41.6

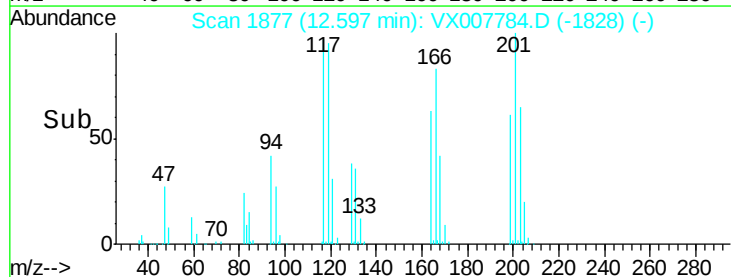
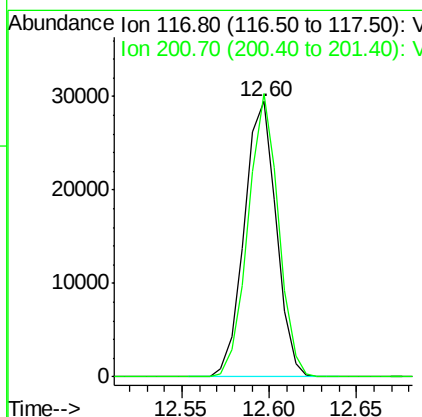
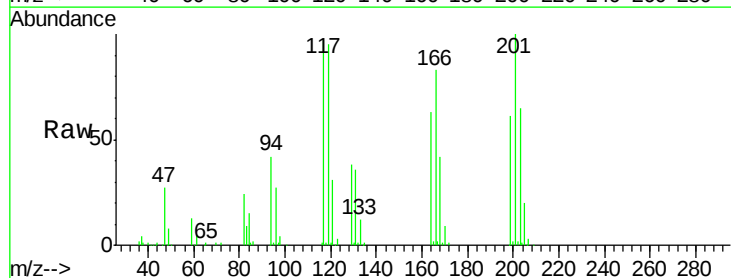
Manual Integrations
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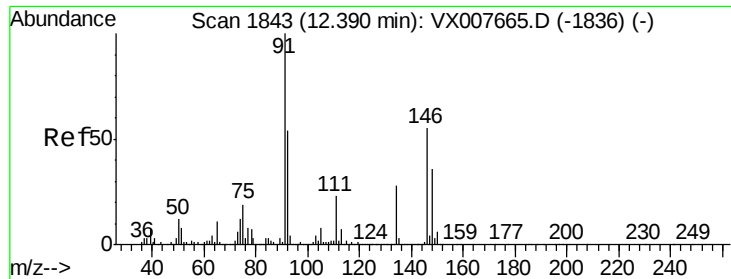
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#90
Hexachloroethane
Concen: 18.095 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX007784.D
Acq: 01 Mar 2019 12:47

Tgt Ion	Ratio	Lower	Upper
117	100		
201	97.3	44.9	134.7





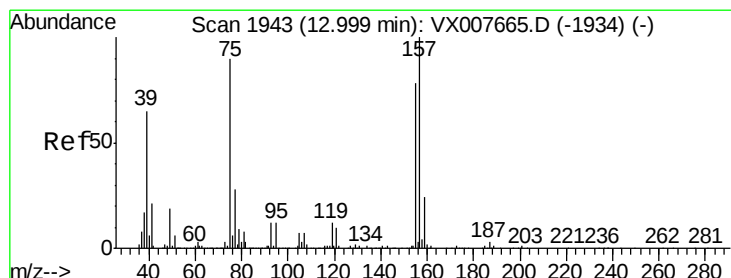
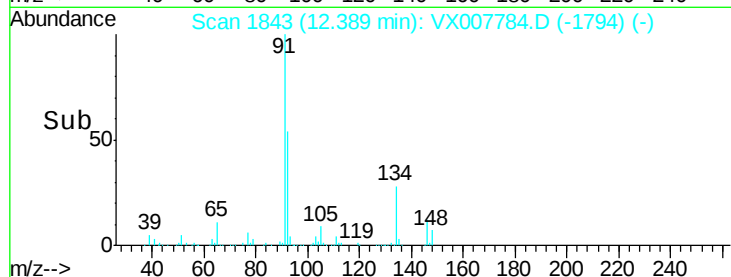
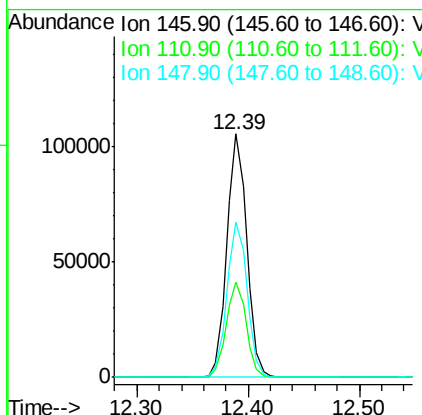
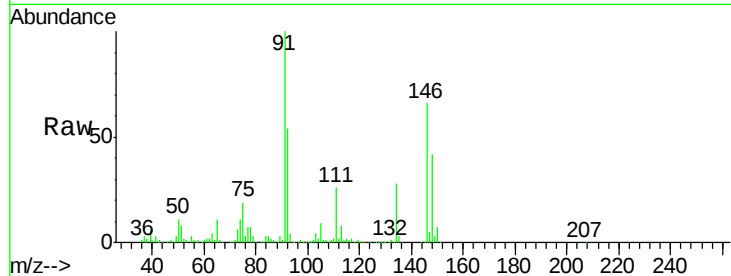
#91
 1,2-Dichlorobenzene
 Concen: 19.780 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX007784.D
 Acq: 01 Mar 2019 12:47

Instrument :
 MSVOA_X
 ClientSampled :
 VX0301WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.1	57.3
148	64.6	32.1	96.3

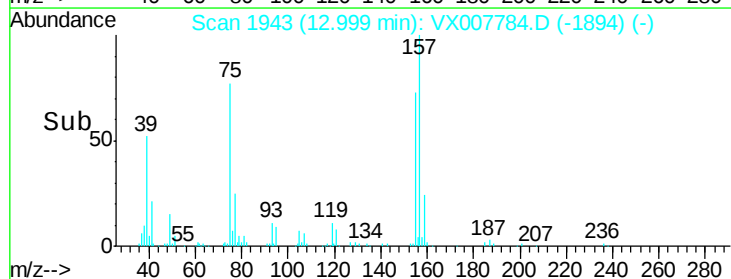
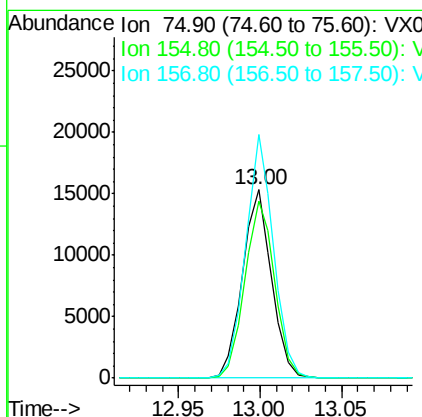
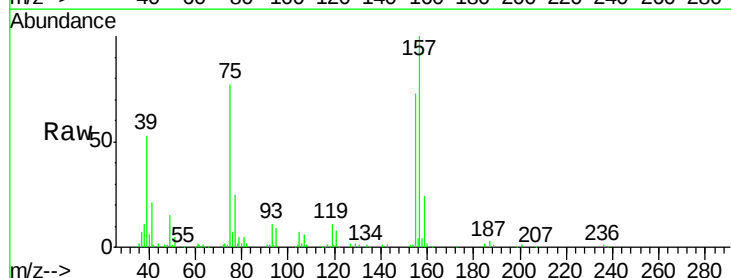
Manual Integrations
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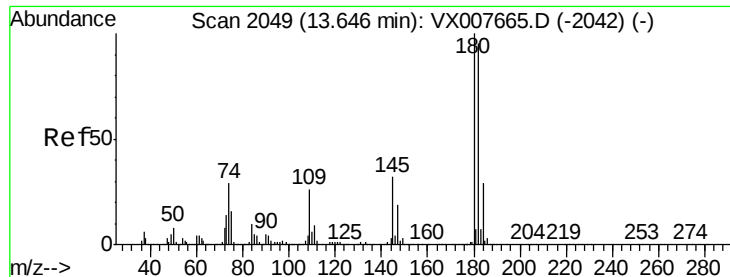
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 3/4/2019 1:35:59 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.776 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX007784.D
 Acq: 01 Mar 2019 12:47

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.2	49.6	149.0
157	124.6	65.1	195.3





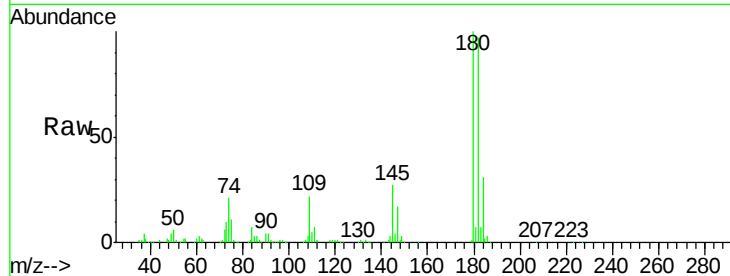
#93
1,2,4-Trichlorobenzene
Concen: 21.499 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. -0.00 min
Lab File: VX007784.D
Acq: 01 Mar 2019 12:47

Instrument :
MSVOA_X
ClientSampleId :
VX0301WBS01

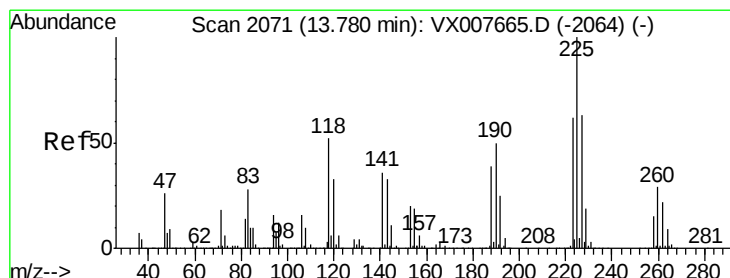
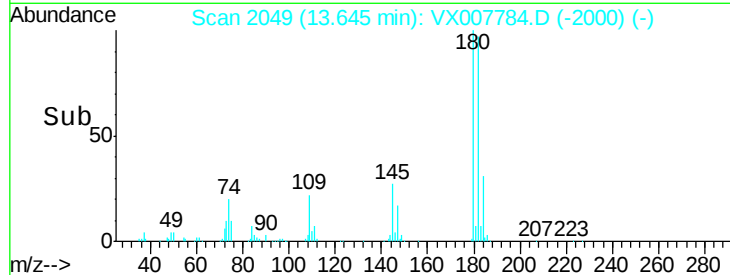
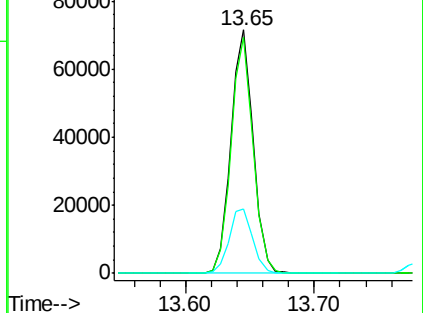
Tot Ion	Ratio	Resp	Lower	Upper
180	100	86655		
182	95.8	47.8	143.3	
145	28.0	14.1	42.2	

Manual Integrations
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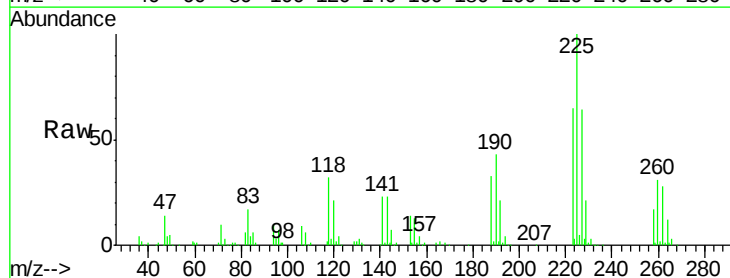


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

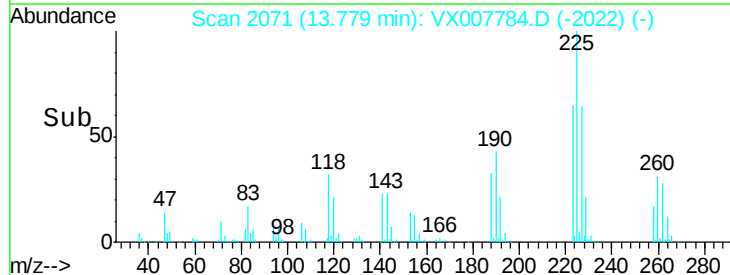
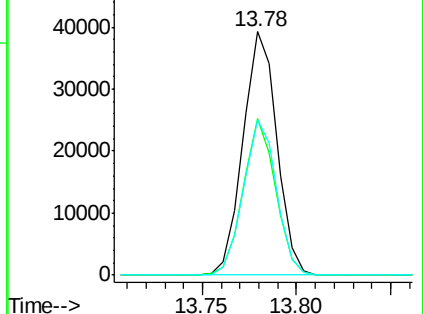


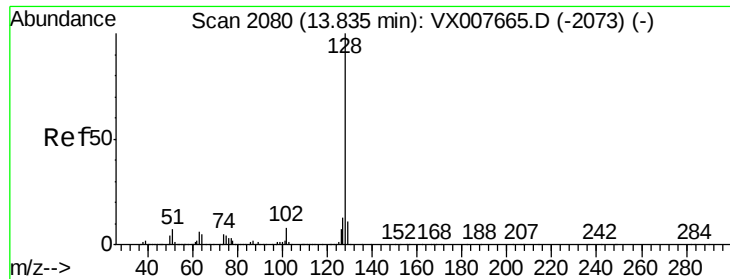
#94
Hexachlorobutadiene
Concen: 26.528 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. -0.00 min
Lab File: VX007784.D
Acq: 01 Mar 2019 12:47

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	48913		
223	61.5	31.6	94.8	
227	62.5	32.1	96.3	



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 19.690 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007784.D

Acq: 01 Mar 2019 12:47

Instrument :

MSVOA_X

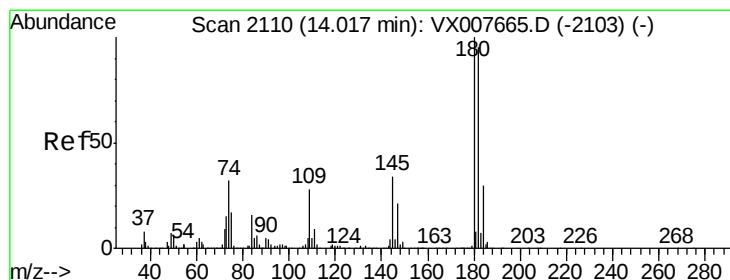
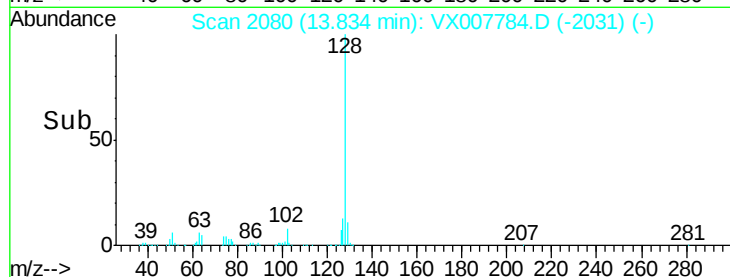
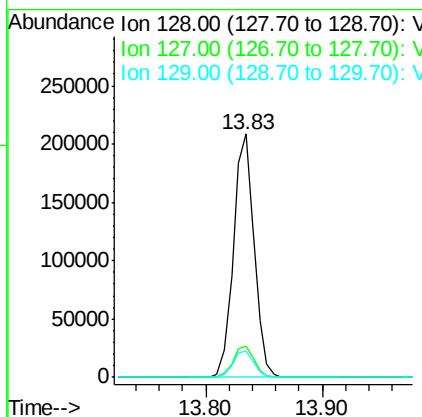
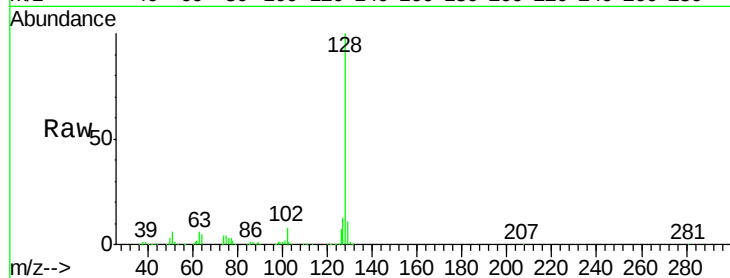
ClientSampleId :

VX0301WBS01

Tot Ion:	128	Resp:	257125
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.5	15.7
129	11.0	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
3/4/2019 1:35:59 PM



#96

1,2,3-Trichlorobenzene

Concen: 21.792 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX007784.D

Acq: 01 Mar 2019 12:47

Tgt Ion:	180	Resp:	88194
Ion Ratio	Lower	Upper	
180	100		
182	96.2	47.5	142.6
145	29.9	14.9	44.5

