

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX030119\
 Data File : VX007802.D
 Acq On : 01 Mar 2019 20:46
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/4/2019 1:36:29 PM

Quant Time: Mar 01 23:27:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	304471	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	447786	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	397326	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	203975	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	159487	42.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.58%	
35) Dibromofluoromethane	5.50	113	138779	46.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.72%	
50) Toluene-d8	8.71	98	509185	44.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.86%	
62) 4-Bromofluorobenzene	11.13	95	182564	43.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	113346	40.412	ug/l	100
3) Chloromethane	1.33	50	131843	42.419	ug/l	98
4) Vinyl Chloride	1.41	62	139558	43.766	ug/l	99
5) Bromomethane	1.64	94	77763	38.354	ug/l	96
6) Chloroethane	1.71	64	111874	54.914	ug/l	97
7) Trichlorofluoromethane	1.93	101	201124	41.143	ug/l	98
8) Diethyl Ether	2.19	74	85670	42.702	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	2.39	101	116908	39.568	ug/l	98
10) Methyl Iodide	2.51	142	163285	44.383	ug/l	99
11) Tert butyl alcohol	3.08	59	172654	241.281	ug/l	99
12) 1,1-Dichloroethene	2.37	96	115144	43.234	ug/l	94
13) Acrolein	2.30	56	98445	154.820	ug/l	100
14) Allyl chloride	2.73	41	246173	49.990	ug/l	92
15) Acrylonitrile	3.15	53	407399	241.929	ug/l	100
16) Acetone	2.45	43	357095	212.917	ug/l	98
17) Carbon Disulfide	2.57	76	340351	45.935	ug/l	99
18) Methyl Acetate	2.78	43	196820	53.780	ug/l	95
19) Methyl tert-butyl Ether	3.21	73	421384	45.435	ug/l	98
20) Methylene Chloride	2.86	84	131287	42.393	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	123879	42.786	ug/l	93
22) Diisopropyl ether	3.87	45	489979	47.797	ug/l	93
23) Vinyl Acetate	3.82	43	2133227	237.183	ug/l	97
24) 1,1-Dichloroethane	3.70	63	260101	46.686	ug/l	98
25) 2-Butanone	4.70	43	606766	237.505	ug/l	96
26) 2,2-Dichloropropane	4.59	77	172760	38.846	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	154866	42.037	ug/l	93
28) Bromochloromethane	5.02	49	121479	44.788	ug/l	86
29) Tetrahydrofuran	5.15	42	406020	241.101	ug/l	93
30) Chloroform	5.21	83	250309	41.943	ug/l	99
31) Cyclohexane	5.57	56	229667	43.824	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	214500	43.460	ug/l	98
36) 1,1-Dichloropropene	5.80	75	185613	46.106	ug/l	97
37) Ethyl Acetate	4.85	43	228324	51.057	ug/l	99
38) Carbon Tetrachloride	5.78	117	190719	47.162	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	219862	43.212	ug/l	94
40) Benzene	6.14	78	578946	46.587	ug/l	99
41) Methacrylonitrile	5.06	41	129179	54.096	ug/l	94
42) 1,2-Dichloroethane	6.20	62	192982	46.202	ug/l	99
43) Isopropyl Acetate	6.46	43	352508	51.217	ug/l	99
44) Trichloroethene	7.21	130	154016	45.052	ug/l	95
45) 1,2-Dichloropropane	7.52	63	155898	48.428	ug/l	97
46) Dibromomethane	7.66	93	97623	43.469	ug/l	98
47) Bromodichloromethane	7.90	83	194567	49.993	ug/l	100
48) Methyl methacrylate	7.77	41	184377	51.106	ug/l	91
49) 1,4-Dioxane	7.75	88	75991	975.230	ug/l	94
51) 4-Methyl-2-Pentanone	8.65	43	1147468	249.068	ug/l	100
52) Toluene	8.78	92	352571	44.991	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	209864	43.746	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	231679	49.054	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	146982	44.978	ug/l	98
56) Ethyl methacrylate	9.18	69	226332	48.704	ug/l	94
57) 1,3-Dichloropropane	9.37	76	244826	46.802	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	599754	234.037	ug/l	96
59) 2-Hexanone	9.49	43	867107	239.734	ug/l	100
60) Dibromochloromethane	9.59	129	163134	51.880	ug/l	99
61) 1,2-Dibromoethane	9.67	107	155517	45.837	ug/l	99
64) Tetrachloroethene	9.34	164	147312	45.670	ug/l	98
65) Chlorobenzene	10.14	112	387353	45.076	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	146892	49.004	ug/l	99
67) Ethyl Benzene	10.25	91	653805	45.928	ug/l	99
68) m/p-Xylenes	10.36	106	504950	91.179	ug/l	97
69) o-Xylene	10.69	106	245479	46.083	ug/l	96
70) Styrene	10.71	104	407367	46.525	ug/l	99
71) Bromoform	10.85	173	130312	57.973	ug/l	99
73) Isopropylbenzene	11.02	105	657078	45.072	ug/l	100
74) N-amyl acetate	10.90	43	303657	47.965	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	221159	43.862	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	212799m	48.944	ug/l	
77) Bromobenzene	11.26	156	175610	48.026	ug/l	95
78) n-propylbenzene	11.36	91	737648	44.777	ug/l	98
79) 2-Chlorotoluene	11.42	91	437445	44.101	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	542409	45.233	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	67652	42.196	ug/l	92
82) 4-Chlorotoluene	11.51	91	502262	43.284	ug/l	99
83) tert-Butylbenzene	11.77	119	545626	47.390	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	554125	45.175	ug/l	99
85) sec-Butylbenzene	11.94	105	648451	44.945	ug/l	99
86) p-Isopropyltoluene	12.06	119	580615	45.952	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	308378	45.466	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	309803	44.600	ug/l	100
89) n-Butylbenzene	12.38	91	481975	42.772	ug/l	99
90) Hexachloroethane	12.60	117	101766	47.801	ug/l	92
91) 1,2-Dichlorobenzene	12.39	146	309313	45.578	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	48963	44.567	ug/l	99

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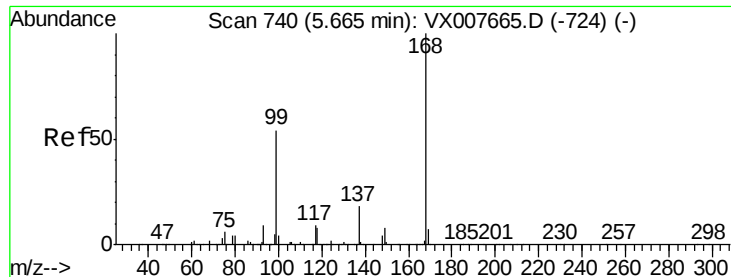
Manual Integrations
APPROVED

MMDadoda
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	220465	53.220	ug/l	100
94) Hexachlorobutadiene	13.78	225	114910	60.637	ug/l	99
95) Naphthalene	13.83	128	661084	49.257	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	222127	53.403	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007802.D

Acq: 01 Mar 2019 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 304471

Ion Ratio Lower Upper

168 100

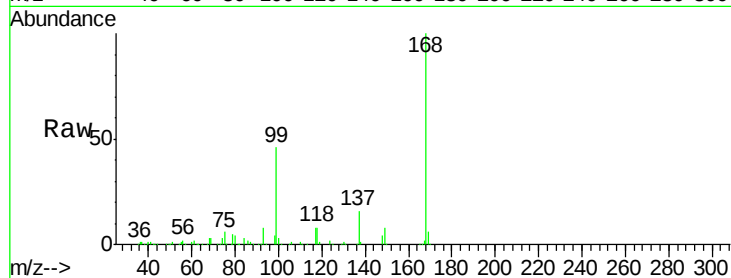
99 46.1 37.9 56.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

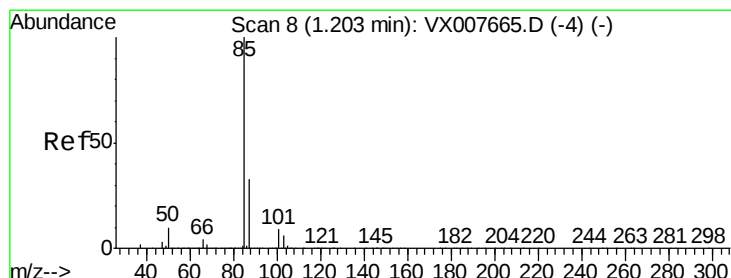
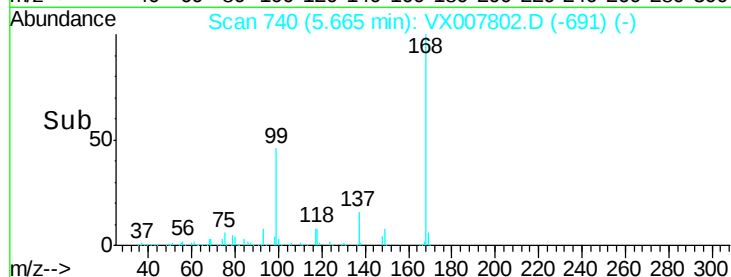
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 40.412 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.01 min

Lab File: VX007802.D

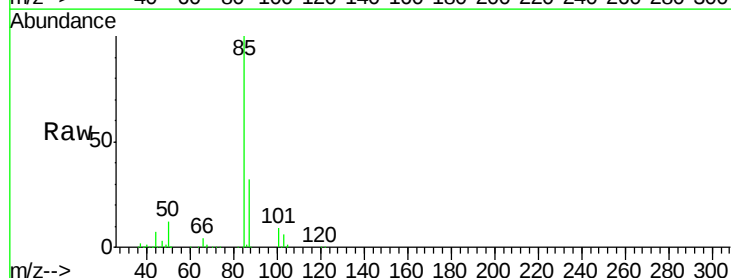
Acq: 01 Mar 2019 20:46

Tgt Ion: 85 Resp: 113346

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

120000

100000

80000

60000

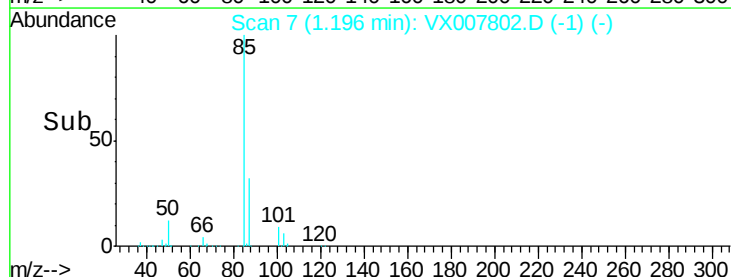
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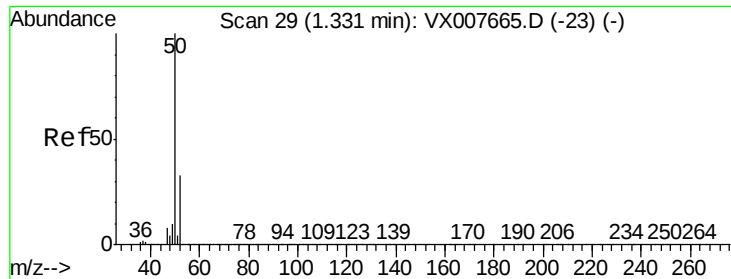
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 42.419 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007802.D

Acq: 01 Mar 2019 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 131843

Ion Ratio Lower Upper

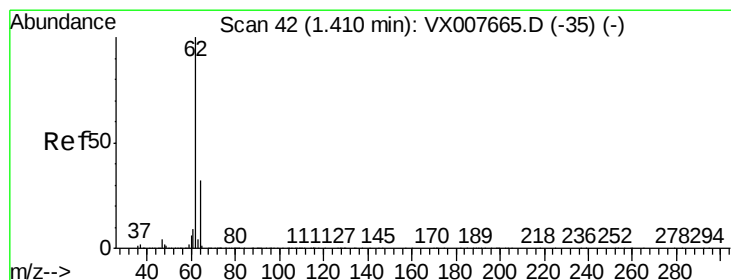
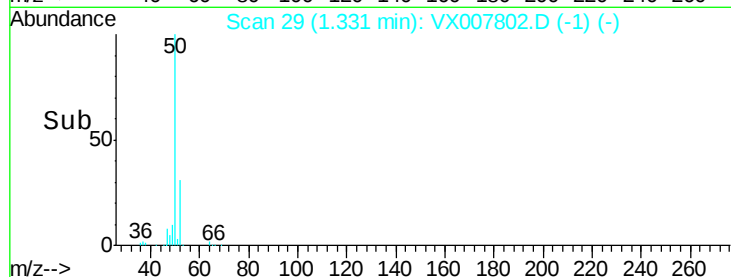
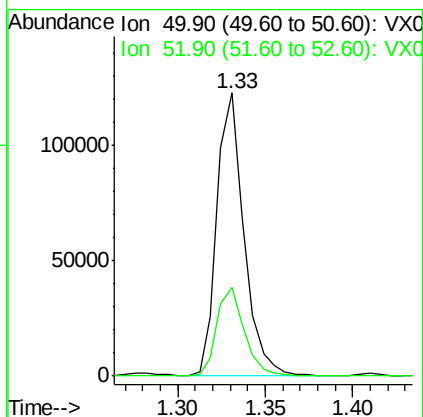
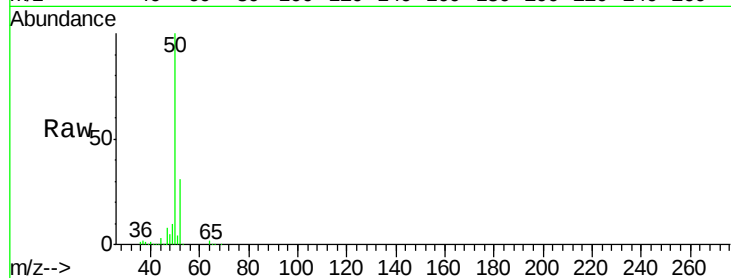
50 100

52 31.3 26.1 39.1

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#4

Vinyl Chloride

Concen: 43.766 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007802.D

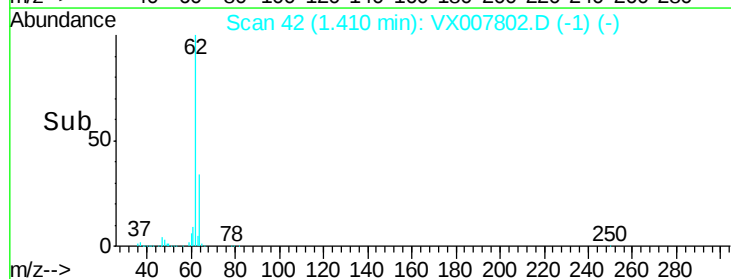
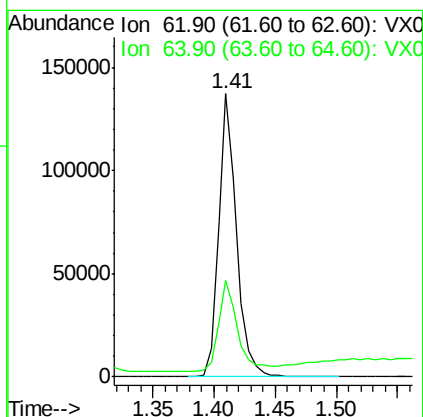
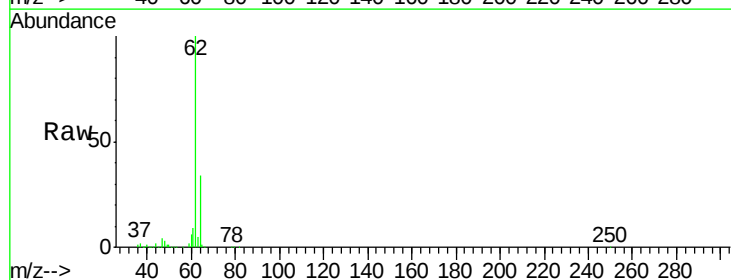
Acq: 01 Mar 2019 20:46

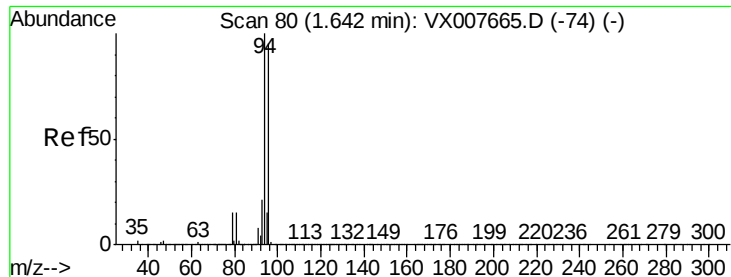
Tgt Ion: 62 Resp: 139558

Ion Ratio Lower Upper

62 100

64 32.2 25.4 38.0





#5

Bromomethane

Concen: 38.354 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007802.D

Acq: 01 Mar 2019 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 77763

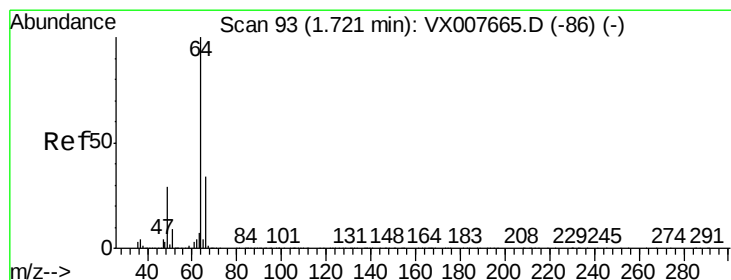
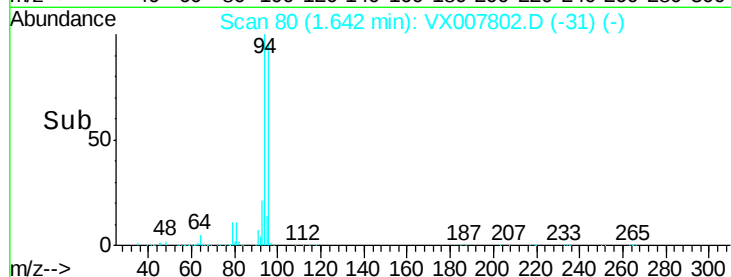
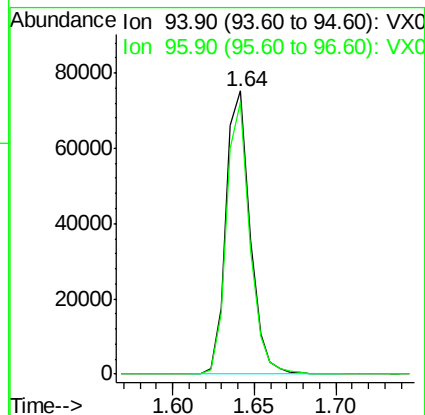
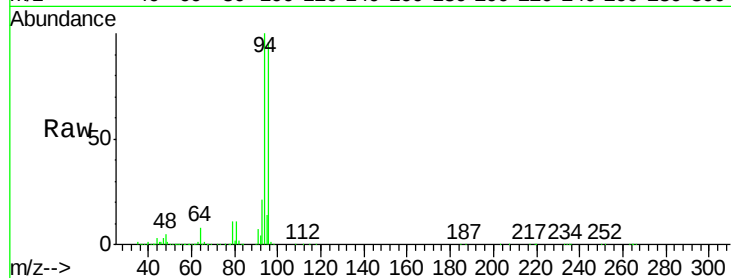
Ion Ratio Lower Upper

94 100

96 96.1 73.9 110.9

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#6

Chloroethane

Concen: 54.914 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX007802.D

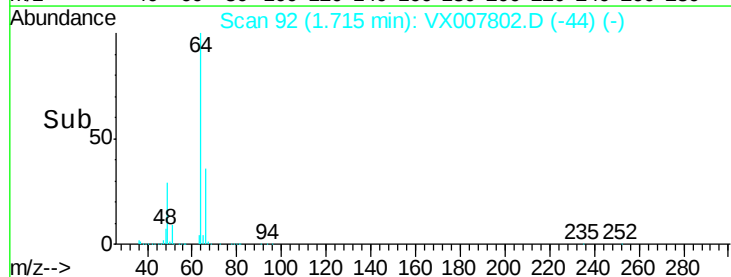
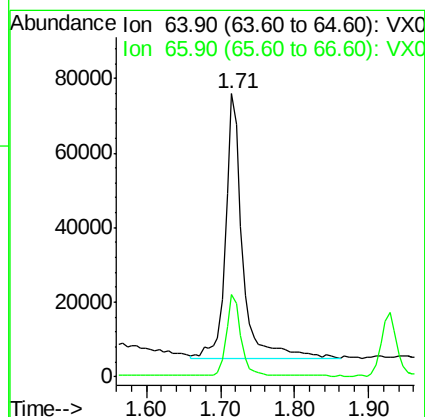
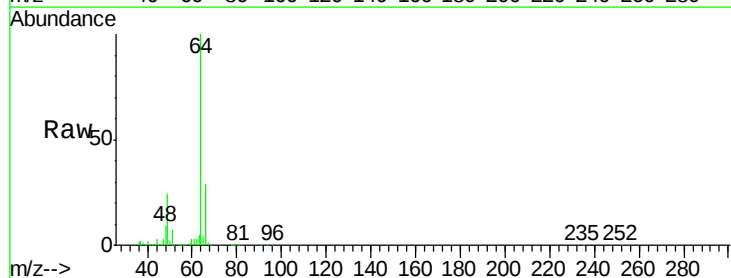
Acq: 01 Mar 2019 20:46

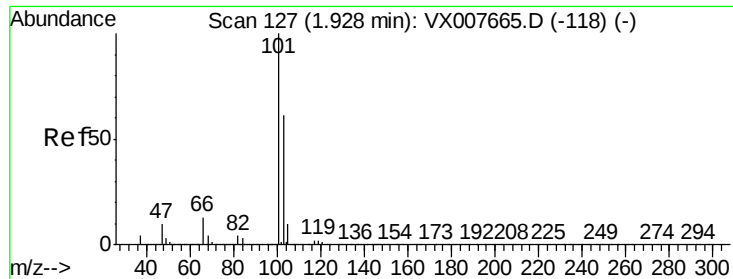
Tgt Ion: 64 Resp: 111874

Ion Ratio Lower Upper

64 100

66 30.5 25.5 38.3





#7

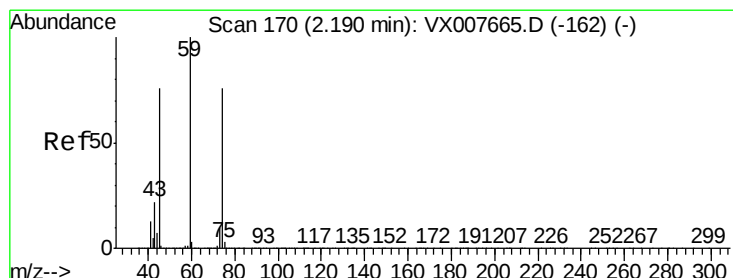
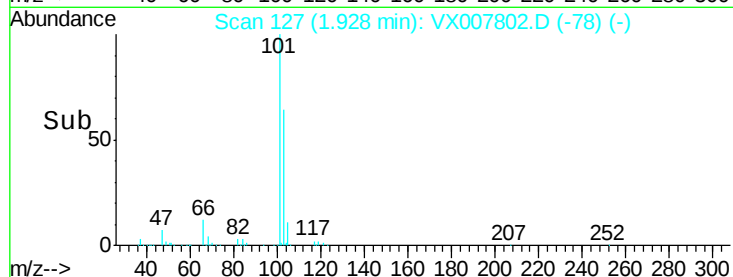
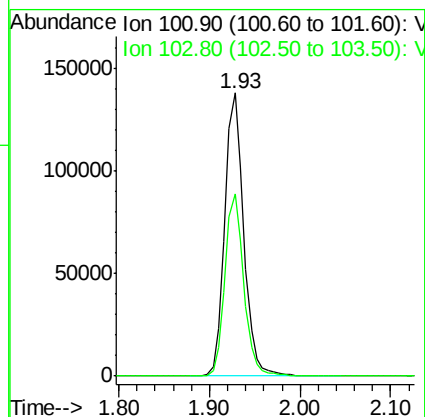
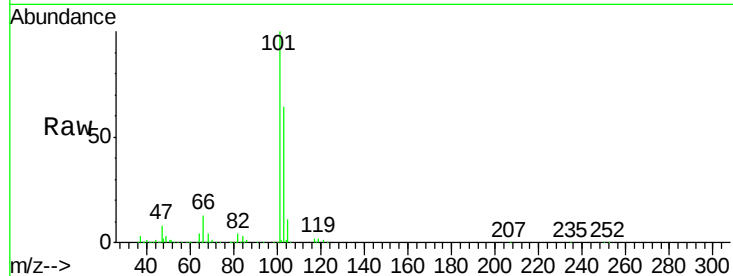
Trichlorofluoromethane
Concen: 41.143 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX007802.D
Acq: 01 Mar 2019 20:46

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.4	52.6	79.0

Manual Integrations
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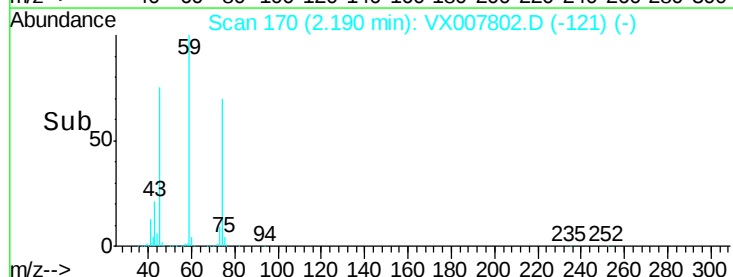
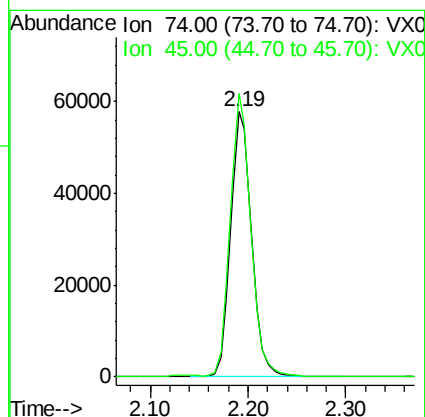
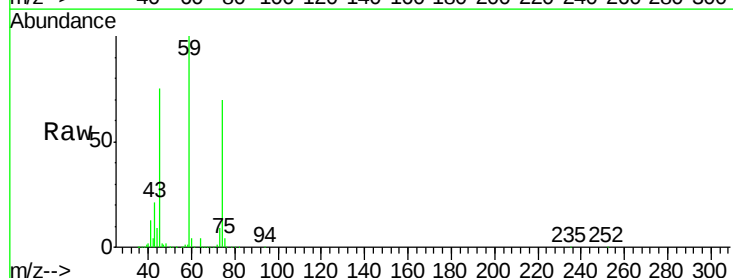
MMDadoda
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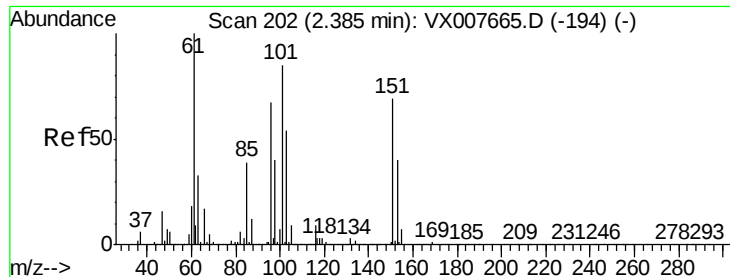


#8

Diethyl Ether
Concen: 42.702 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007802.D
Acq: 01 Mar 2019 20:46

Tgt Ion	Ratio	Lower	Upper
74	100		
45	104.4	45.7	137.1





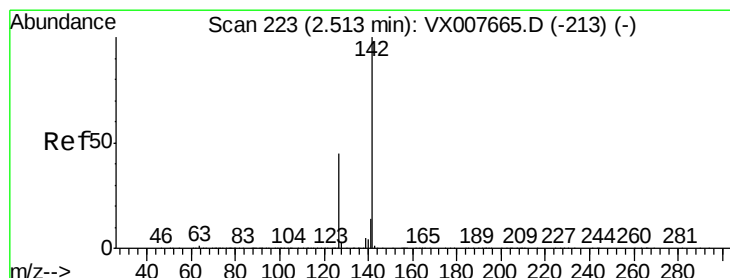
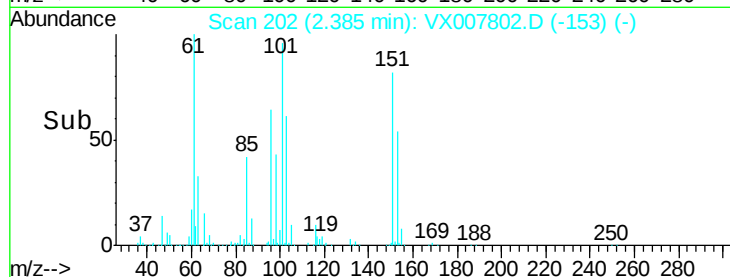
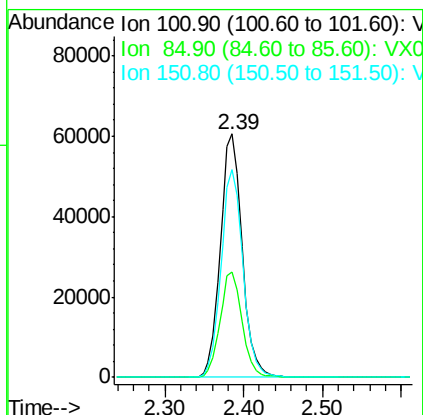
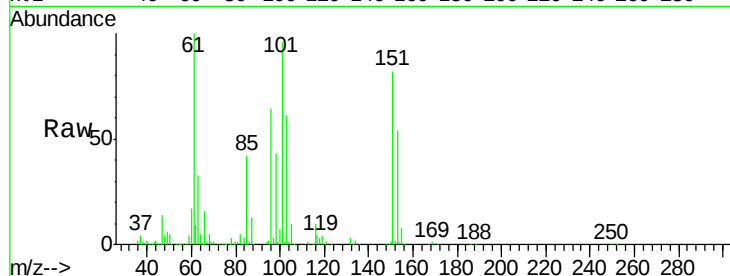
#9
1,1,2-Trichlorotrifluoroethane
Concen: 39.568 ug/l
RT: 2.39 min Scan# 202
Delta R.T. -0.00 min
Lab File: VX007802.D
Acq: 01 Mar 2019 20:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
101	100	116908		
85	43.8	34.1	51.1	
151	85.5	69.9	104.9	

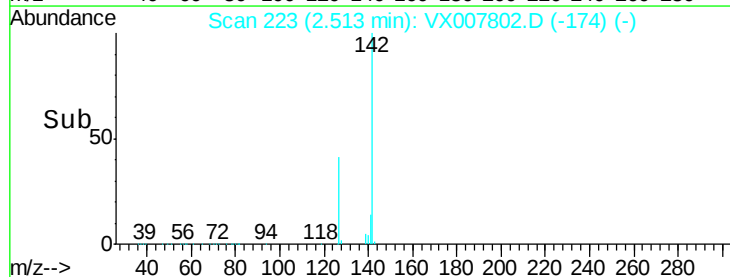
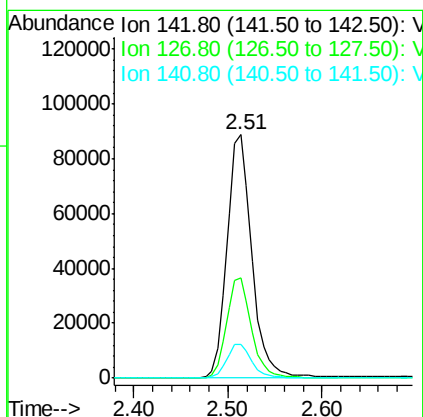
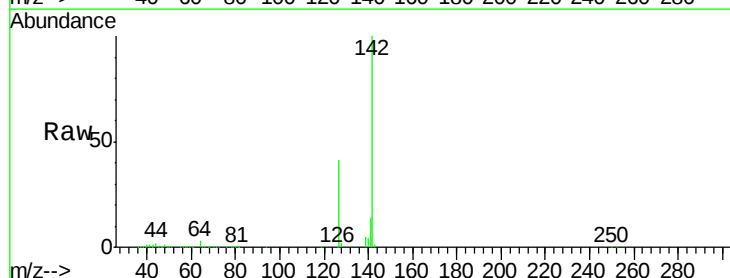
Manual Integrations
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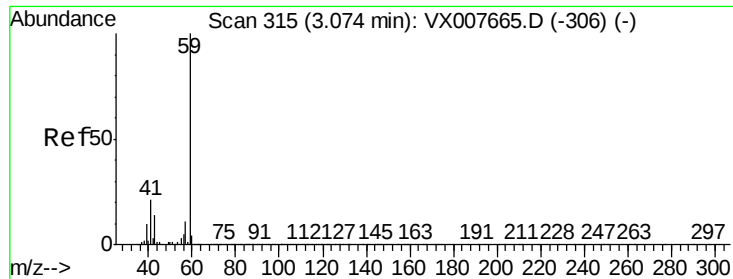
MMDadoda
3/4/2019 1:36:29 PM



#10
Methyl Iodide
Concen: 44.383 ug/l
RT: 2.51 min Scan# 223
Delta R.T. -0.00 min
Lab File: VX007802.D
Acq: 01 Mar 2019 20:46

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	163285		
127	41.3	33.7	50.5	
141	14.1	11.3	16.9	





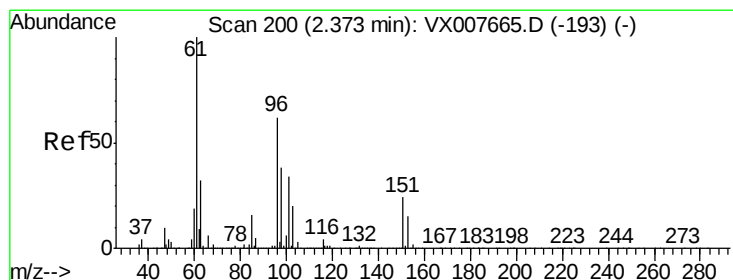
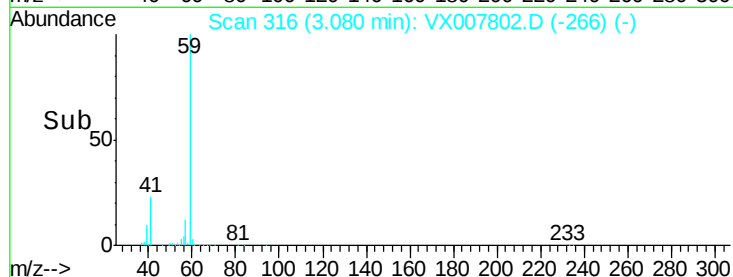
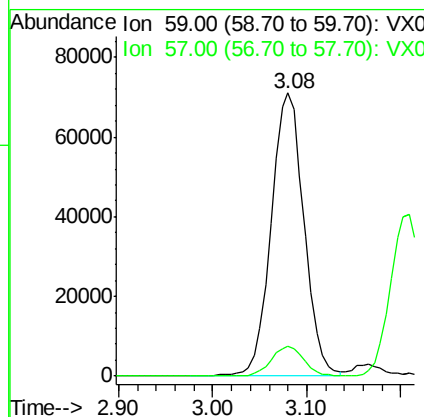
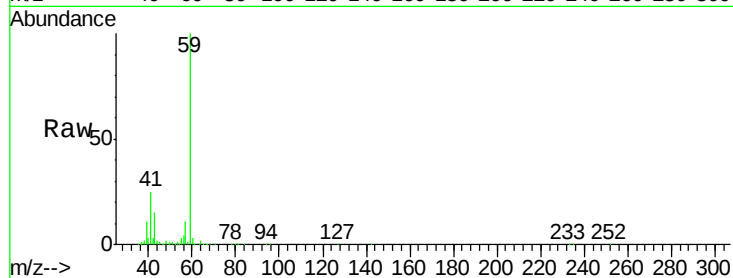
#11
Tert butyl alcohol
Concen: 241.281 ug/l
RT: 3.08 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX007802.D
Acq: 01 Mar 2019 20:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 59 Resp: 172654
Ion Ratio Lower Upper
59 100
57 10.4 8.1 12.1

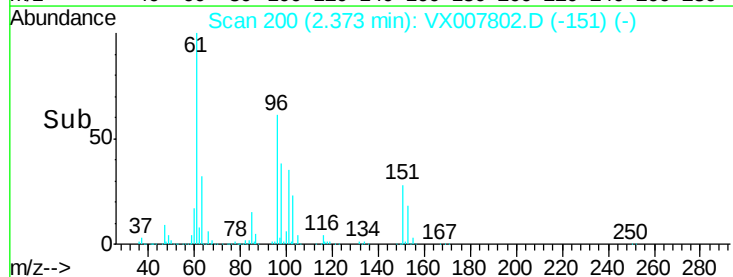
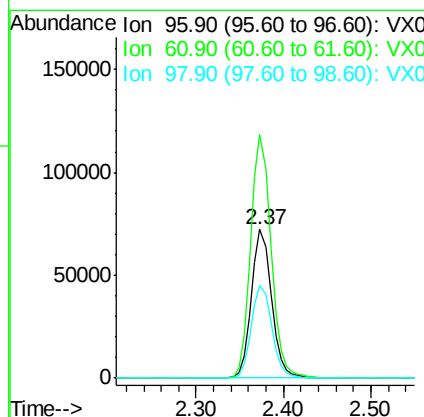
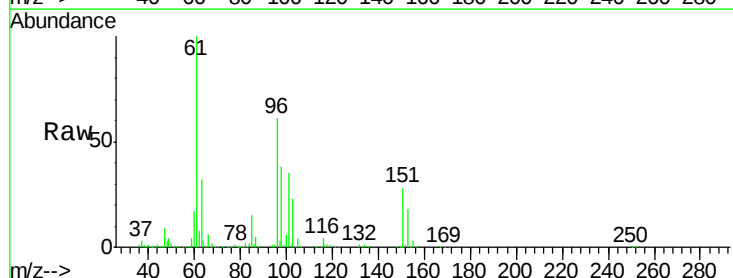
Manual Integrations
APPROVED

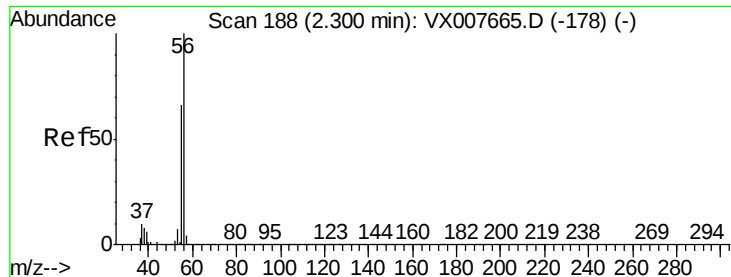
MMDadoda
3/4/2019 1:36:29 PM



#12
1,1-Dichloroethene
Concen: 43.234 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX007802.D
Acq: 01 Mar 2019 20:46

Tgt Ion: 96 Resp: 115144
Ion Ratio Lower Upper
96 100
61 164.0 123.0 184.4
98 62.3 50.9 76.3





#13

Acrolein

Concen: 154.820 ug/l

RT: 2.30 min Scan# 188

Delta R.T. -0.00 min

Lab File: VX007802.D

Acq: 01 Mar 2019 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 98445

Ion Ratio Lower Upper

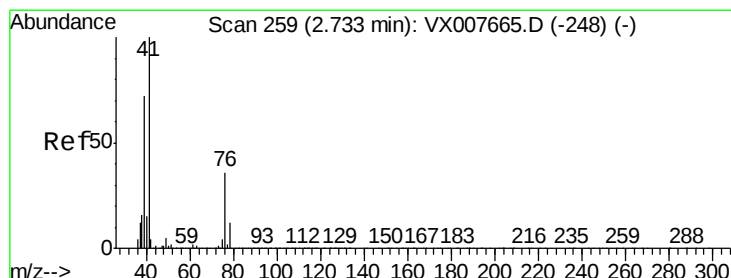
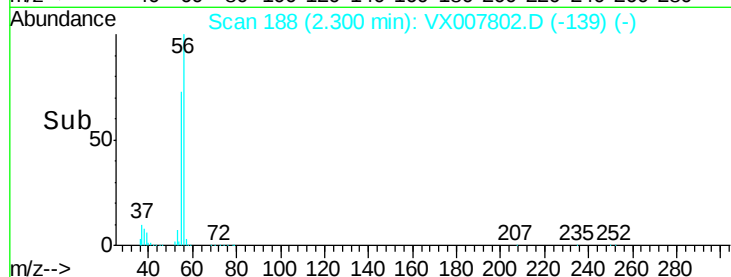
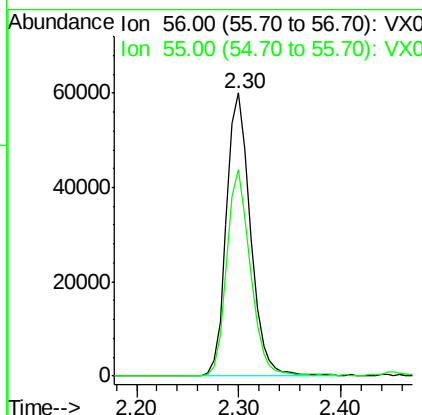
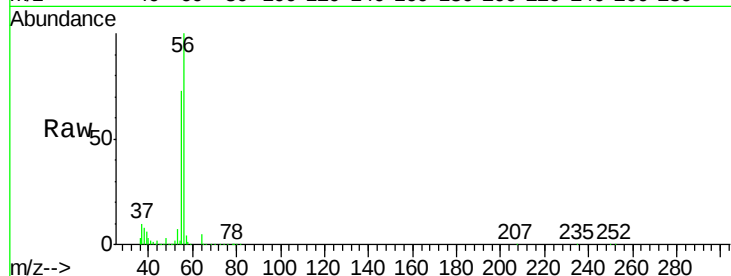
56 100

55 71.1 56.9 85.3

Manual Integrations
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#14

Allyl chloride

Concen: 49.990 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.01 min

Lab File: VX007802.D

Acq: 01 Mar 2019 20:46

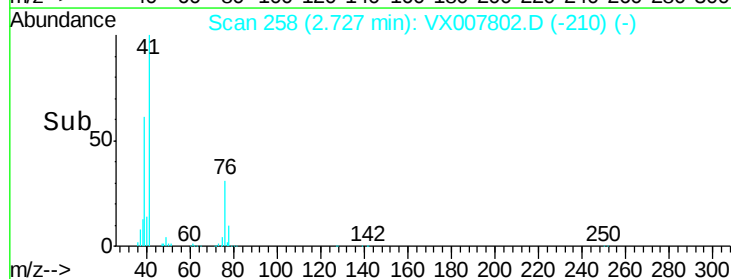
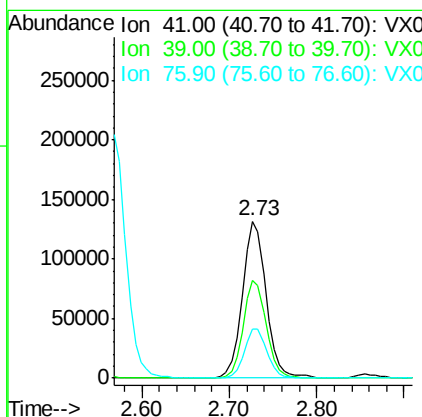
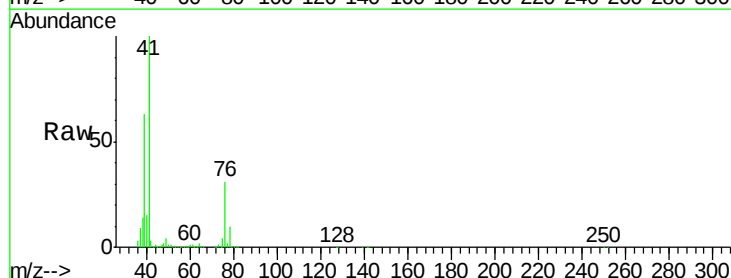
Tgt Ion: 41 Resp: 246173

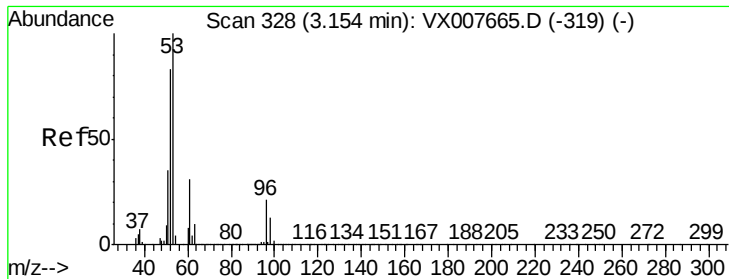
Ion Ratio Lower Upper

41 100

39 60.8 54.1 81.1

76 30.2 27.8 41.8





#15

Acrylonitrile

Concen: 241.929 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX007802.D

Acq: 01 Mar 2019 20:46

Instrument :

MSVOA_X

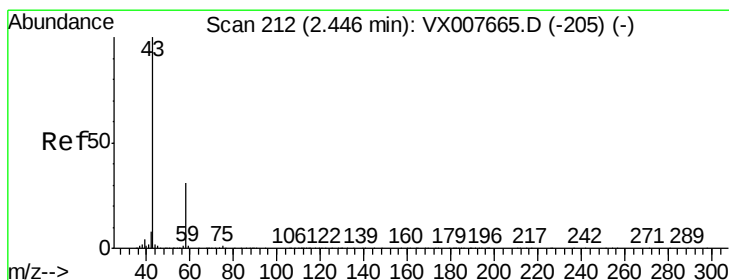
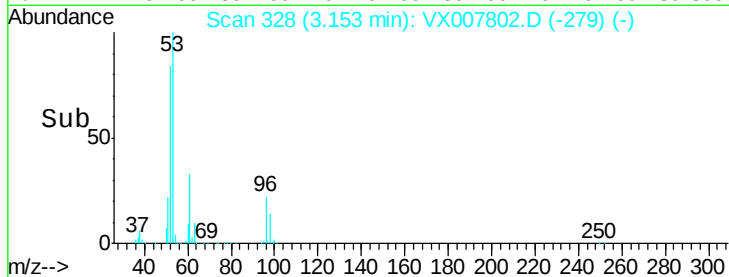
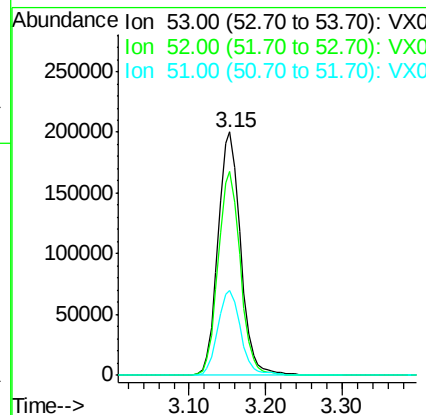
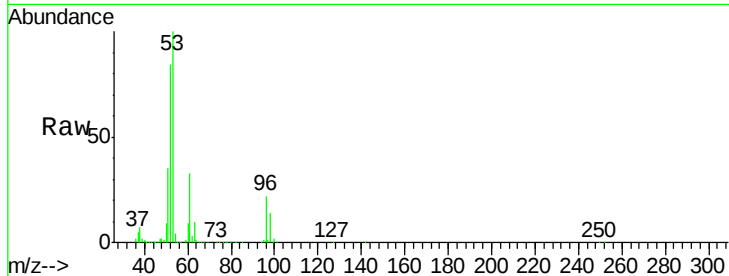
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	407399
Ion	Ratio	Lower	Upper
53	100		
52	82.8	66.4	99.6
51	35.6	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 212.917 ug/l

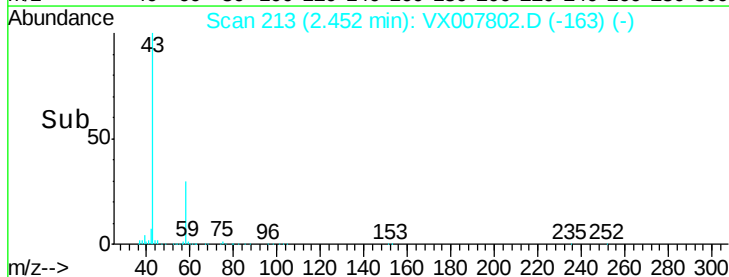
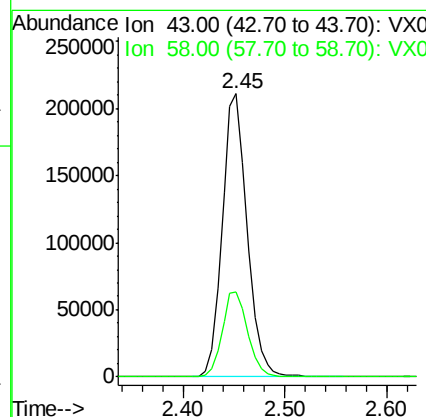
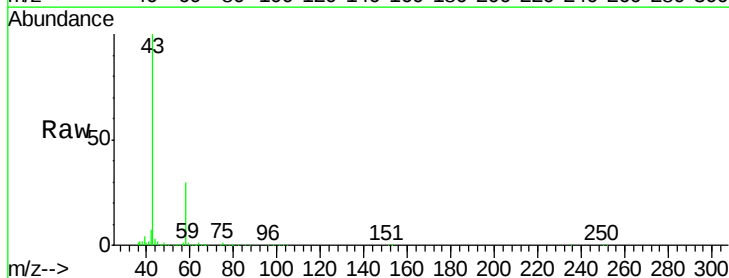
RT: 2.45 min Scan# 213

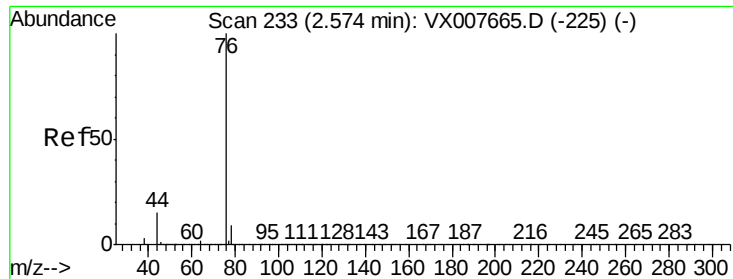
Delta R.T. 0.01 min

Lab File: VX007802.D

Acq: 01 Mar 2019 20:46

Tgt Ion:	43	Resp:	357095
Ion	Ratio	Lower	Upper
43	100		
58	30.1	24.9	37.3





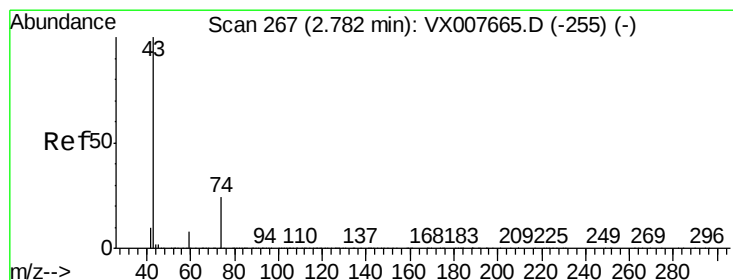
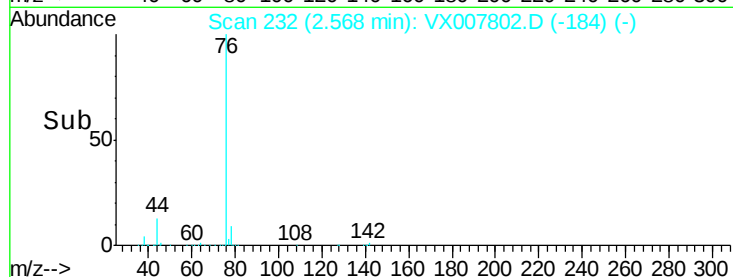
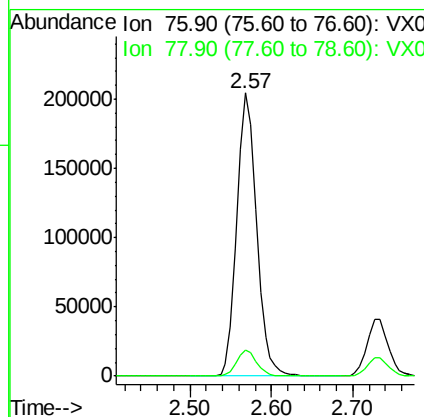
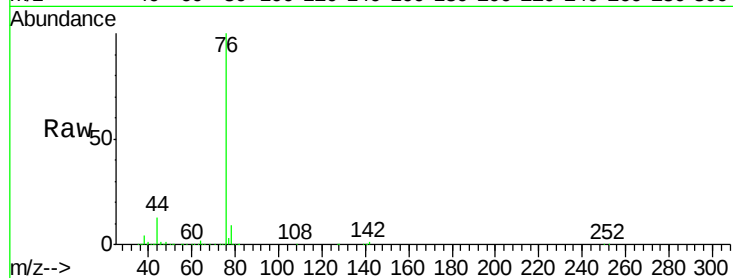
#17
Carbon Disulfide
Concen: 45.935 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.01 min
Lab File: VX007802.D
Acq: 01 Mar 2019 20:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.1	10.7

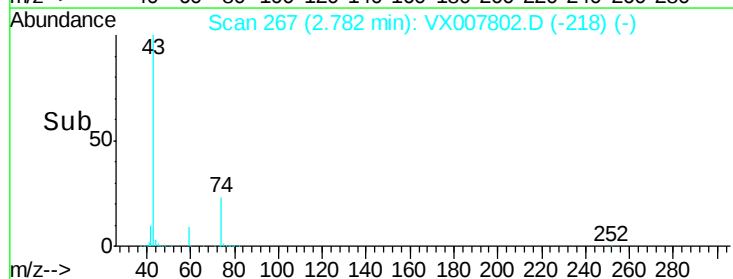
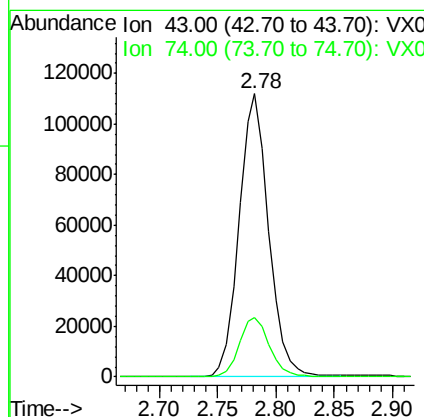
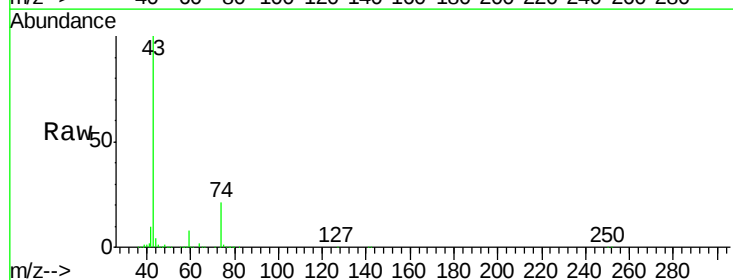
Manual Integrations
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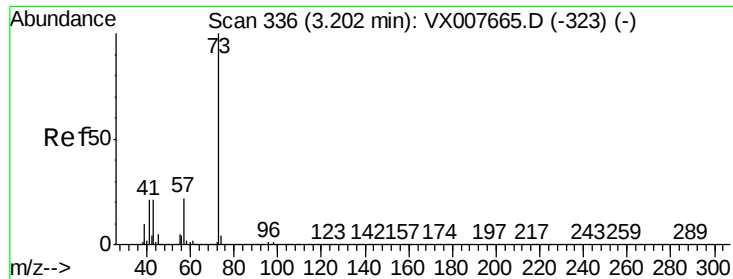
MMDadoda
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#18
Methyl Acetate
Concen: 53.780 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX007802.D
Acq: 01 Mar 2019 20:46

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.7	19.4	29.2





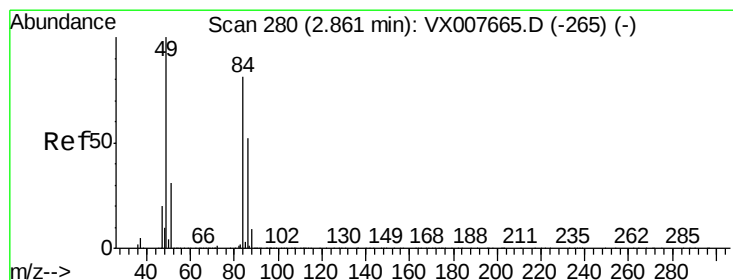
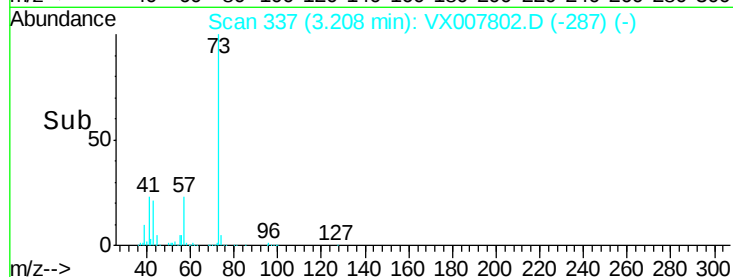
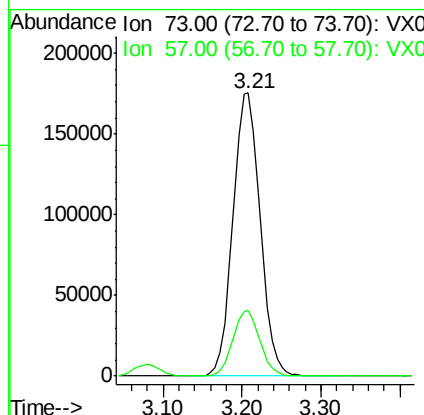
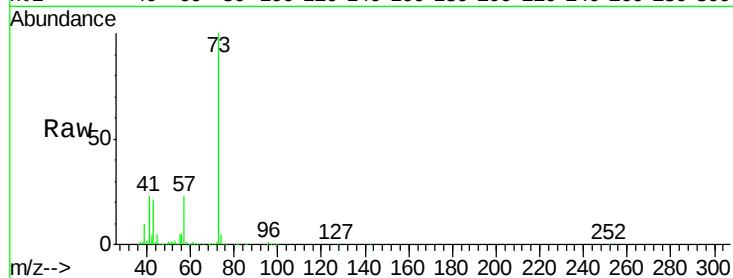
#19
Methvl tert-butvl Ether
Concen: 45.435 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX007802.D
Acq: 01 Mar 2019 20:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 421384
Ion Ratio Lower Upper
73 100
57 23.0 17.8 26.8

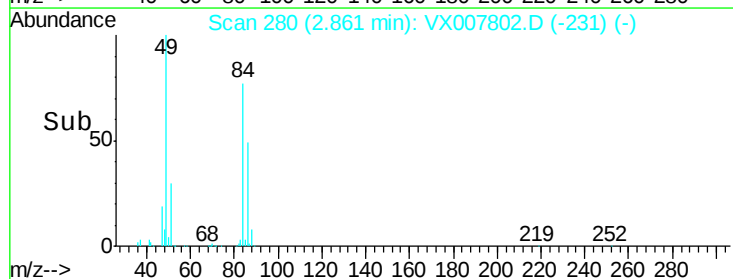
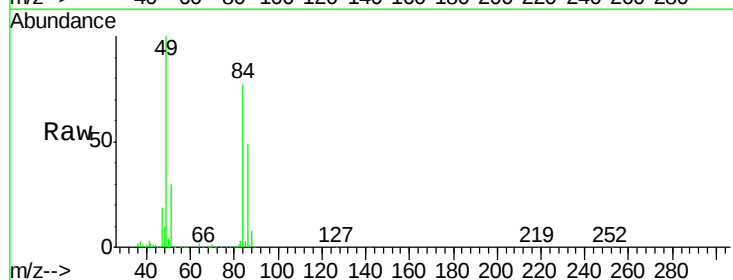
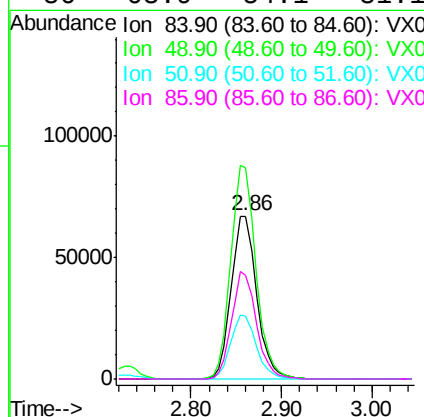
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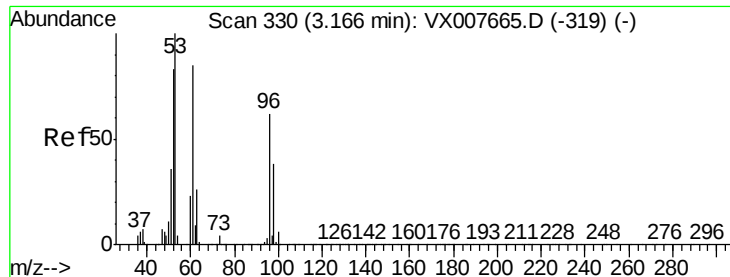
MMDadoda
3/4/2019 1:36:29 PM



#20
Methylene Chloride
Concen: 42.393 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX007802.D
Acq: 01 Mar 2019 20:46

Tgt Ion: 84 Resp: 131287
Ion Ratio Lower Upper
84 100
49 129.4 94.8 142.2
51 38.7 29.8 44.8
86 63.9 54.1 81.1





#21

trans-1,2-Dichloroethene

Concen: 42.786 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007802.D

Acq: 01 Mar 2019 20:46

Instrument :

MSVOA_X

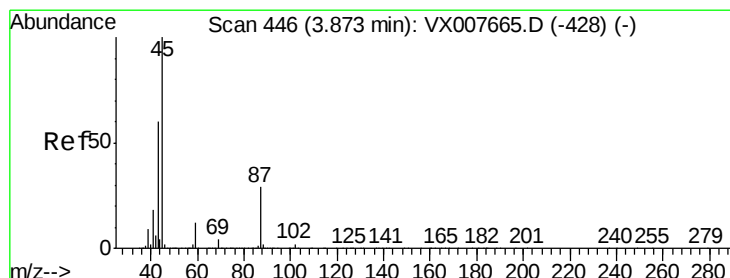
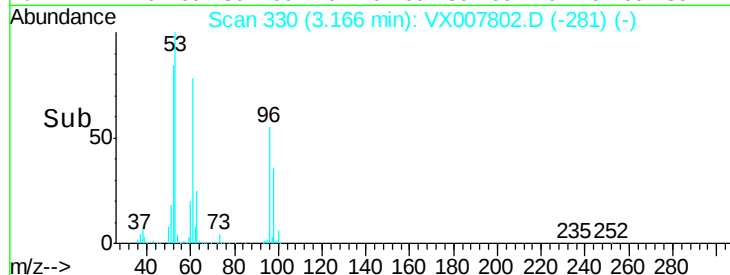
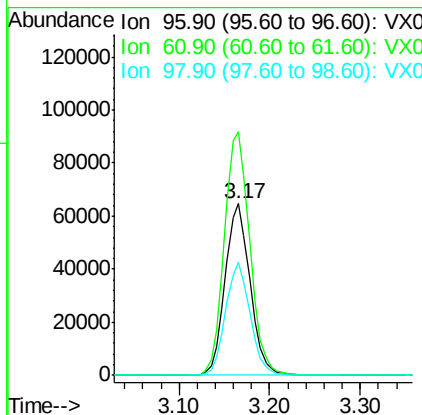
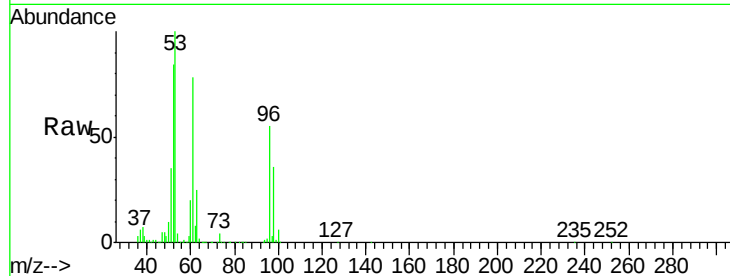
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	123879
Ion	Ratio	Lower	Upper
96	100		
61	141.7	104.6	156.8
98	65.7	51.0	76.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 47.797 ug/l

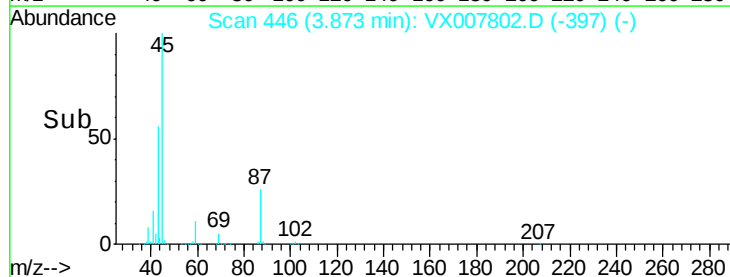
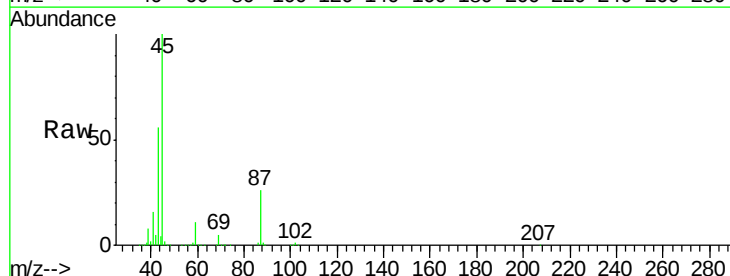
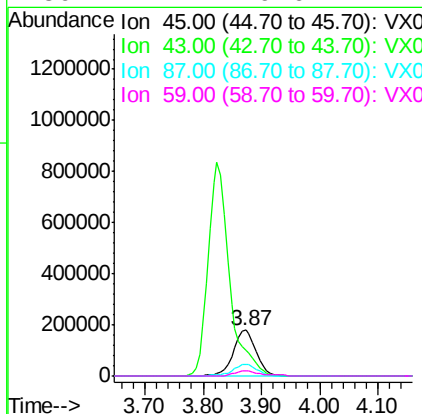
RT: 3.87 min Scan# 446

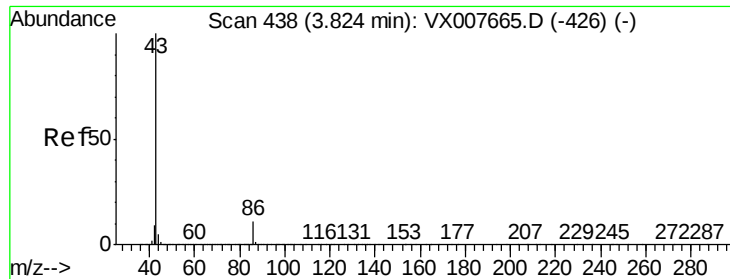
Delta R.T. -0.00 min

Lab File: VX007802.D

Acq: 01 Mar 2019 20:46

Tgt Ion:	45	Resp:	489979
Ion	Ratio	Lower	Upper
45	100		
43	55.5	48.9	73.3
87	26.3	23.9	35.9
59	11.2	9.6	14.4





#23

Vinyl Acetate

Concen: 237.183 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX007802.D

Acq: 01 Mar 2019 20:46

Tot Ion: 43 Resp: 2133227

Ion Ratio Lower Upper

43 100

86 9.7 8.7 13.1

Instrument :

MSVOA_X

ClientSampleId :

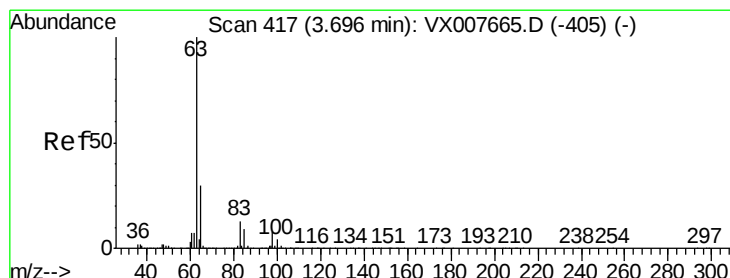
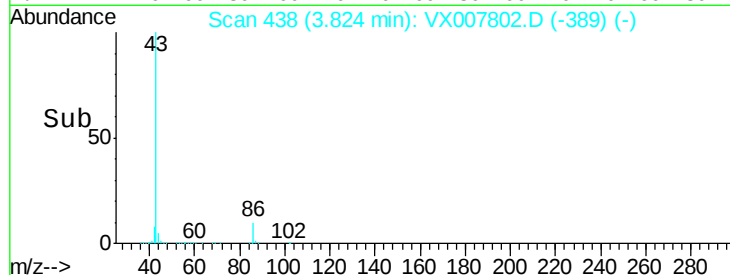
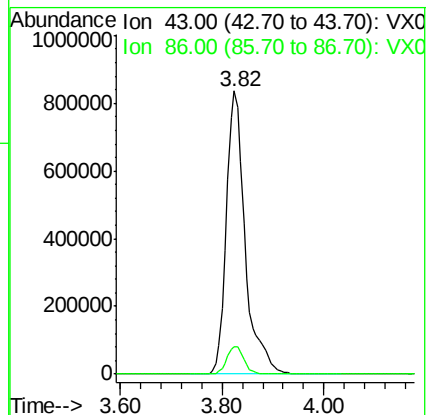
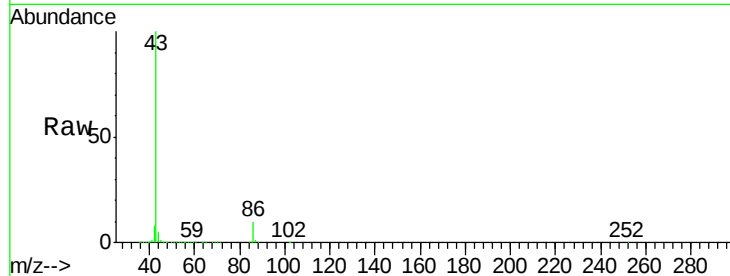
VSTDCCC050EC

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#24

1,1-Dichloroethane

Concen: 46.686 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007802.D

Acq: 01 Mar 2019 20:46

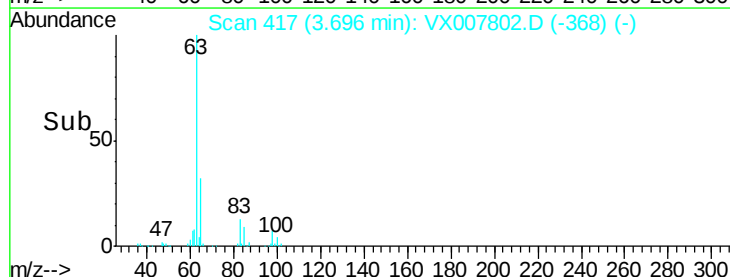
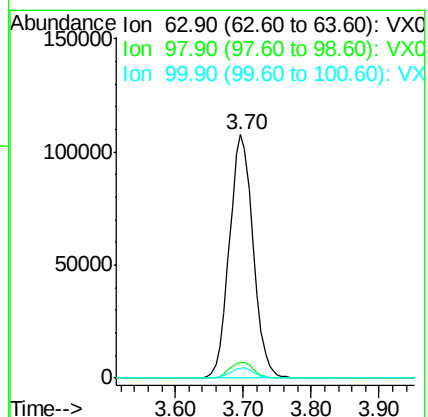
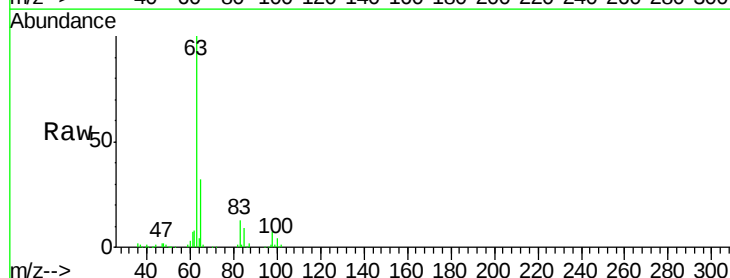
Tgt Ion: 63 Resp: 260101

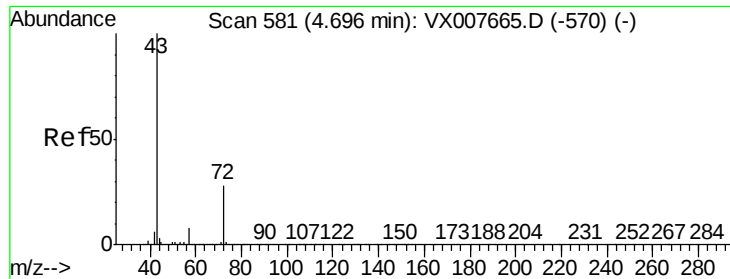
Ion Ratio Lower Upper

63 100

98 6.7 3.6 10.8

100 4.1 2.5 7.4





#25

2-Butanone

Concen: 237.505 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX007802.D

Acq: 01 Mar 2019 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 606766

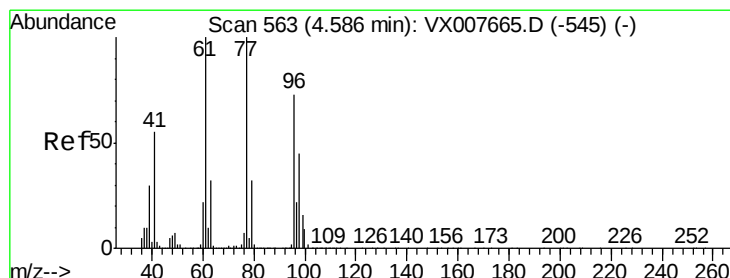
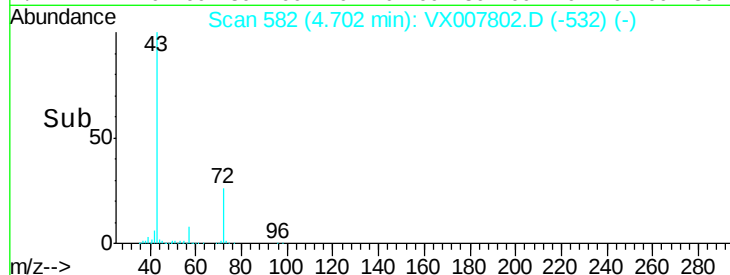
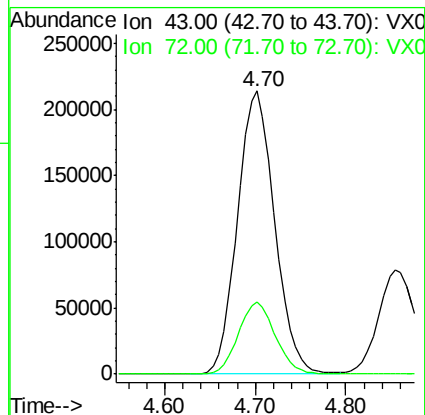
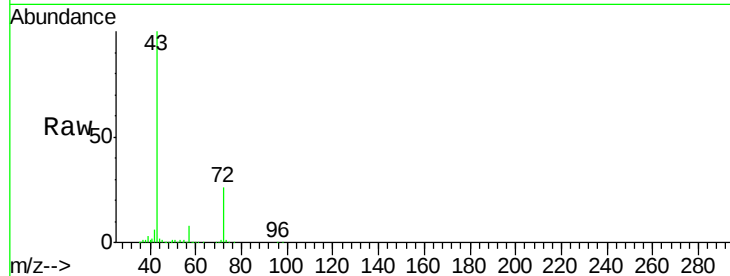
Ion Ratio Lower Upper

43 100

72 25.6 22.2 33.2

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 38.846 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX007802.D

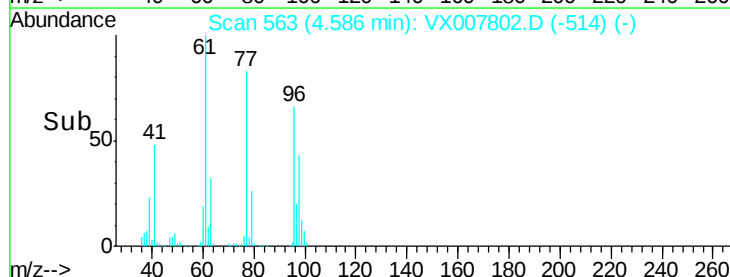
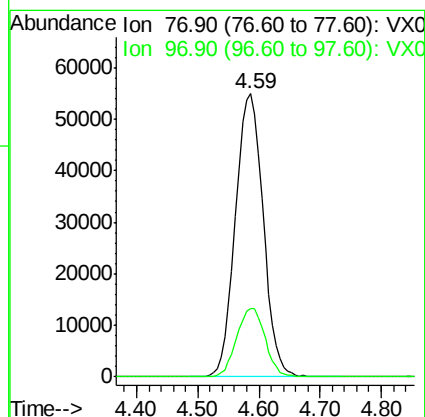
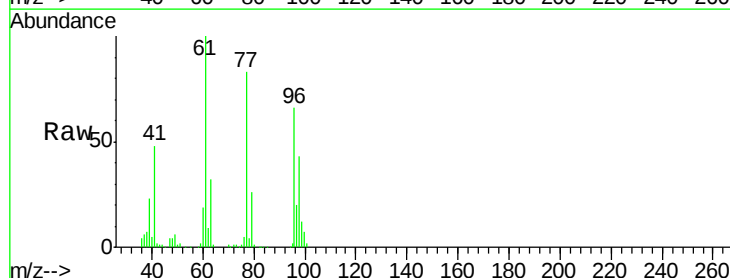
Acq: 01 Mar 2019 20:46

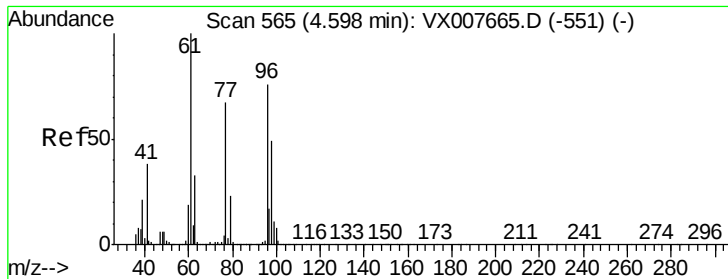
Tgt Ion: 77 Resp: 172760

Ion Ratio Lower Upper

77 100

97 24.7 12.1 36.3





#27

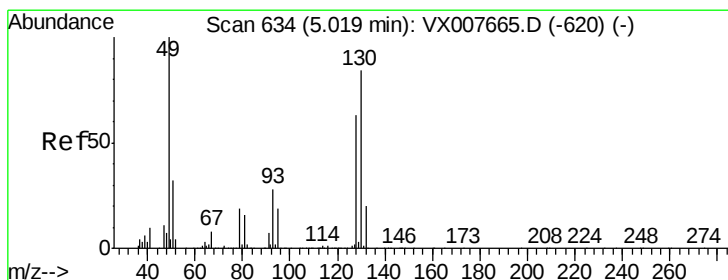
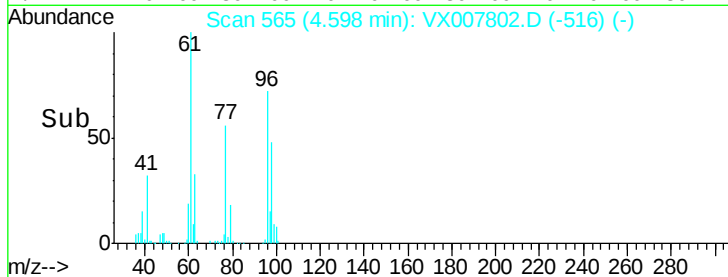
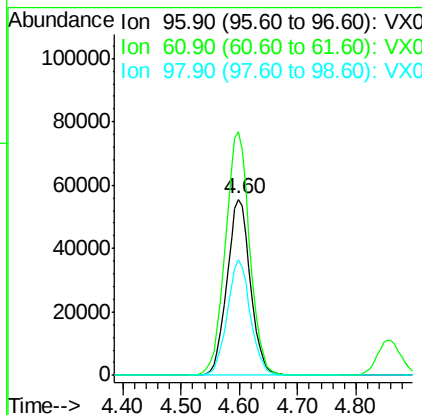
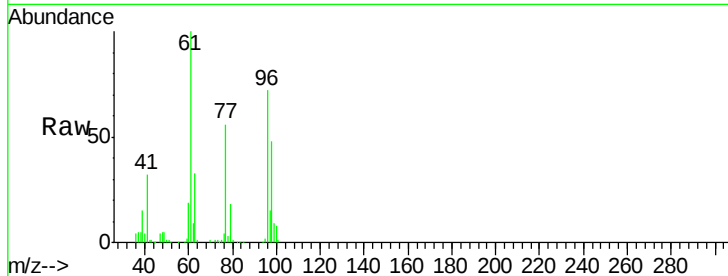
cis-1,2-Dichloroethene
Concen: 42.037 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX007802.D
Acq: 01 Mar 2019 20:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	143.9	0.0	265.6	
98	64.8	0.0	131.6	

Manual Integrations
APPROVED

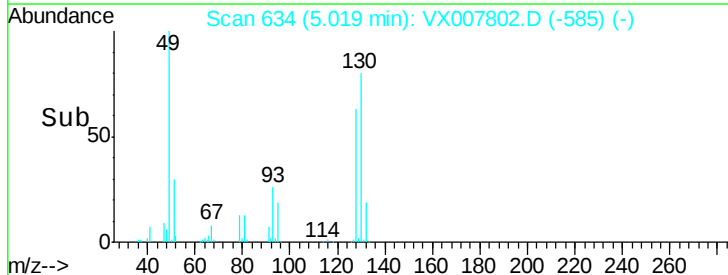
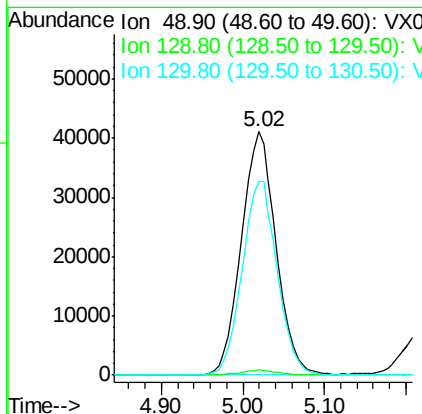
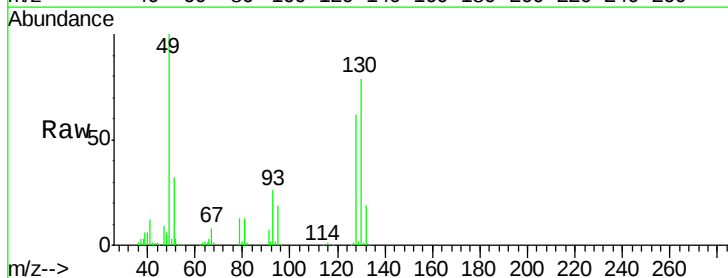
MMDadoda
3/4/2019 1:36:29 PM

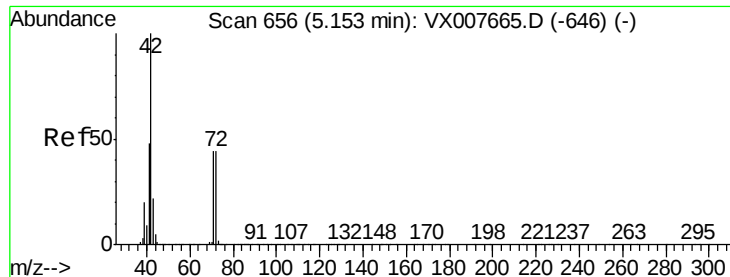


#28

Bromochloromethane
Concen: 44.788 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX007802.D
Acq: 01 Mar 2019 20:46

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.0	0.0	5.6	
130	80.2	75.6	113.4	





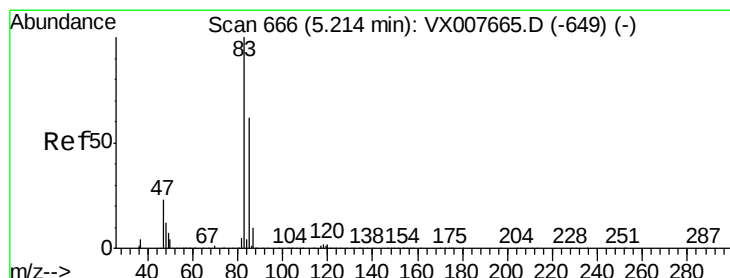
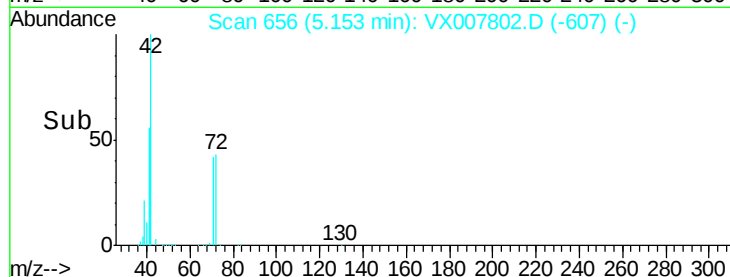
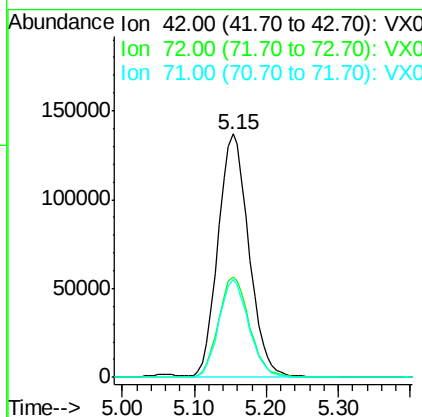
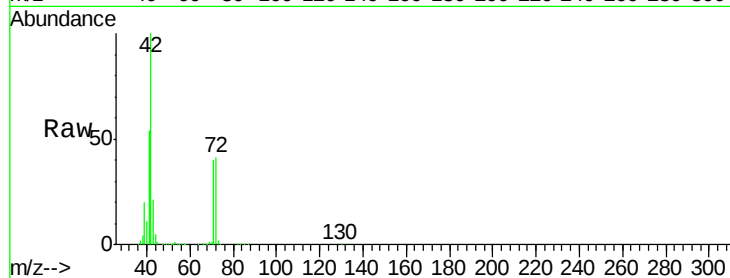
#29
Tetrahydrofuran
Concen: 241.101 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX007802.D
Acq: 01 Mar 2019 20:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	42	Resp:	406020
Ion Ratio		Lower	Upper
42	100		
72	42.0	37.6	56.4
71	39.3	34.6	51.8

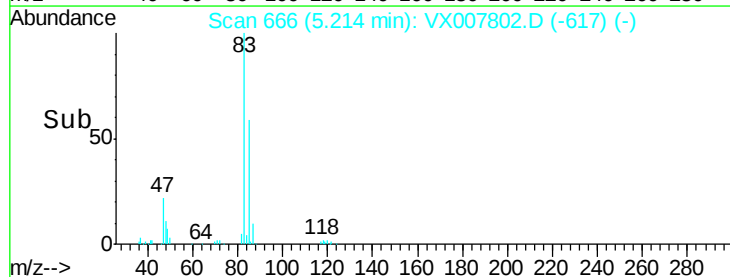
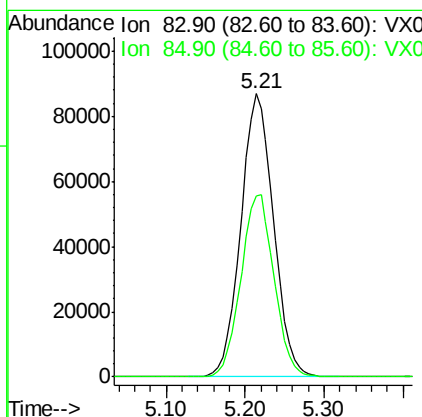
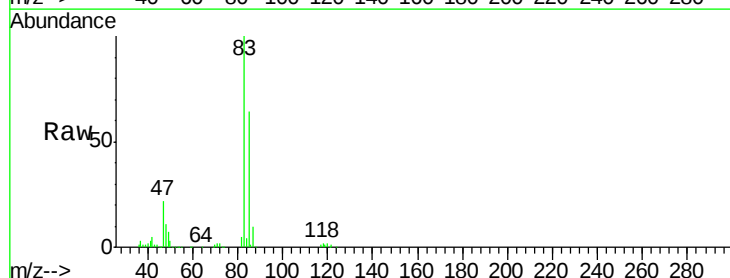
Manual Integrations
APPROVED

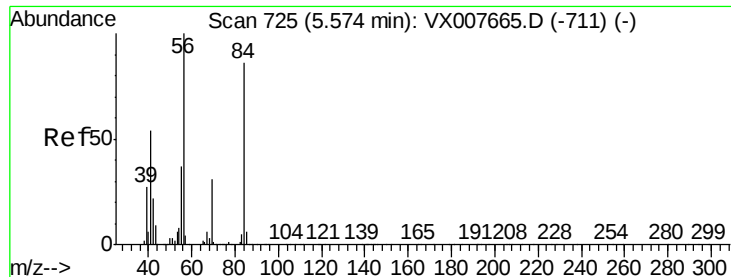
MMDadoda
3/4/2019 1:36:29 PM



#30
Chloroform
Concen: 41.943 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX007802.D
Acq: 01 Mar 2019 20:46

Tgt Ion:	83	Resp:	250309
Ion Ratio		Lower	Upper
83	100		
85	64.1	51.6	77.4





#31

Cyclohexane

Concen: 43.824 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX007802.D

Acq: 01 Mar 2019 20:46

Instrument :

MSVOA_X

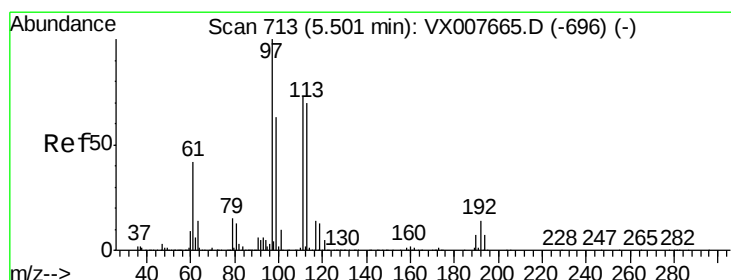
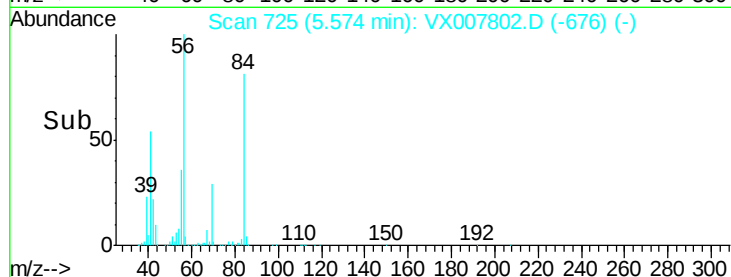
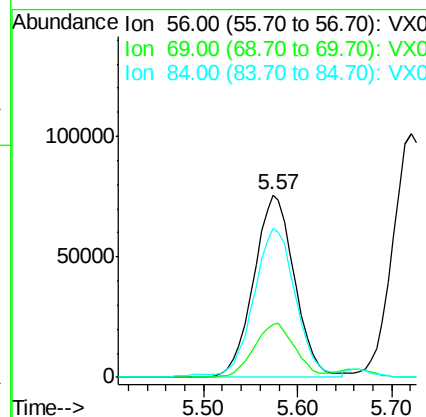
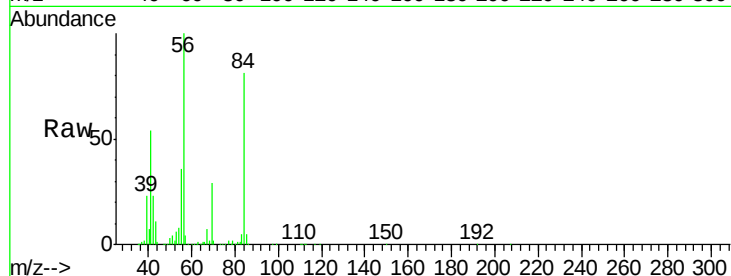
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	229667
Ion Ratio	Lower	Upper	
56	100		
69	29.0	23.0	34.6
84	80.0	69.8	104.6

Manual Integrations
APPROVED

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3/4/2019 1:36:29 PM



#32

1,1,1-Trichloroethane

Concen: 43.460 ug/l

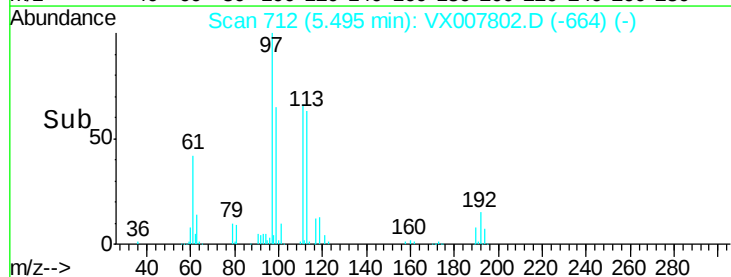
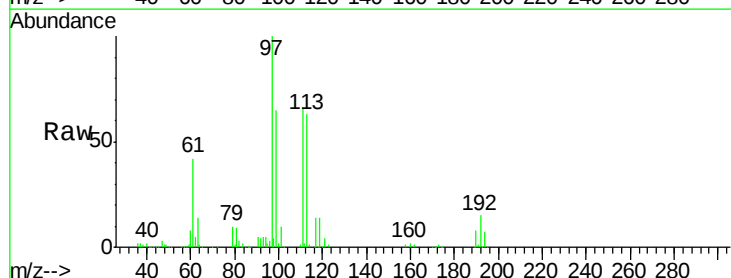
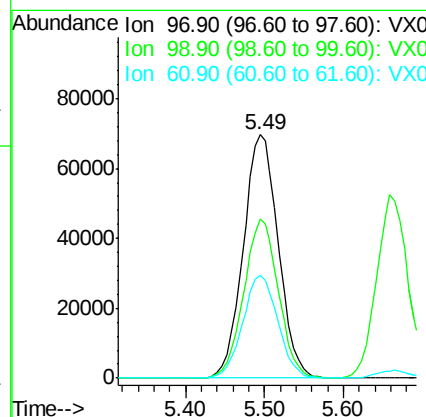
RT: 5.49 min Scan# 712

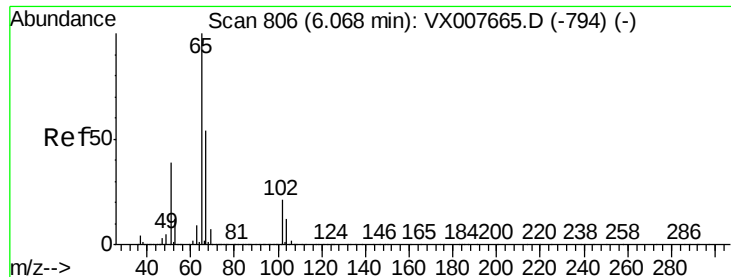
Delta R.T. -0.01 min

Lab File: VX007802.D

Acq: 01 Mar 2019 20:46

Tgt Ion:	97	Resp:	214500
Ion Ratio	Lower	Upper	
97	100		
99	64.5	52.2	78.2
61	42.6	32.7	49.1





#33

1,2-Dichloroethane-d4

Concen: 42.288 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007802.D

Acq: 01 Mar 2019 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 159487

Ion Ratio Lower Upper

65 100

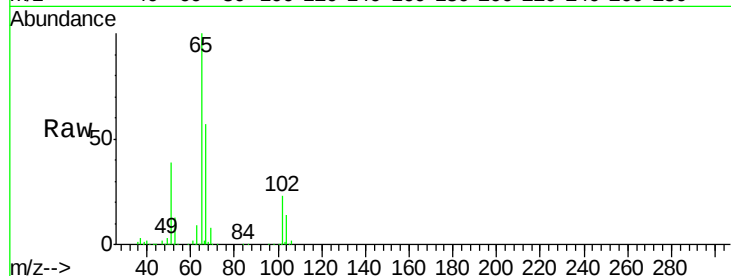
67 54.4 0.0 108.8

Manual Integrations

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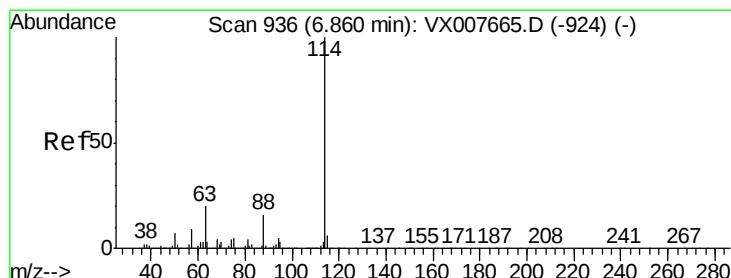
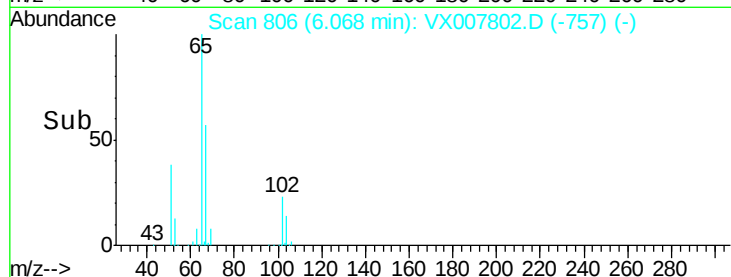
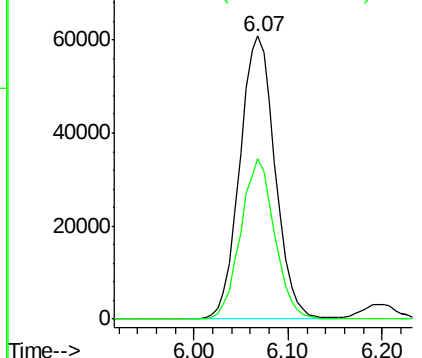
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007802.D

Acq: 01 Mar 2019 20:46

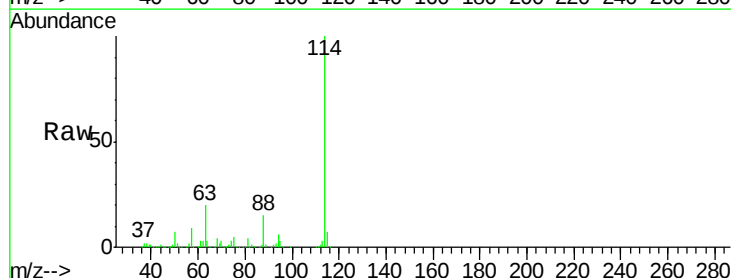
Tgt Ion: 114 Resp: 447786

Ion Ratio Lower Upper

114 100

63 20.2 0.0 35.6

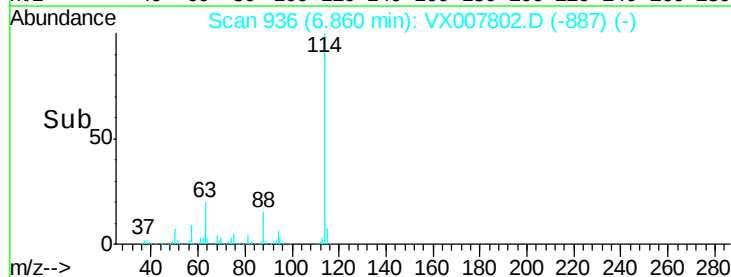
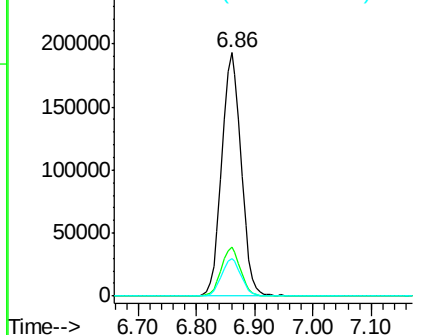
88 15.3 0.0 29.6

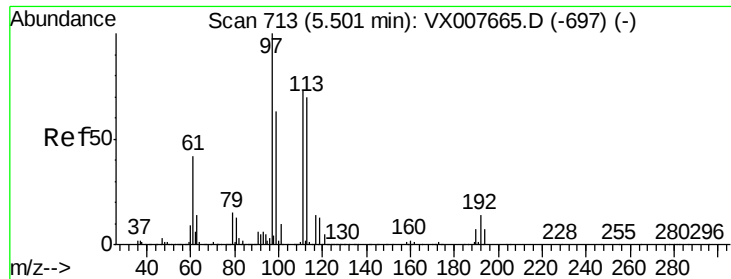


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





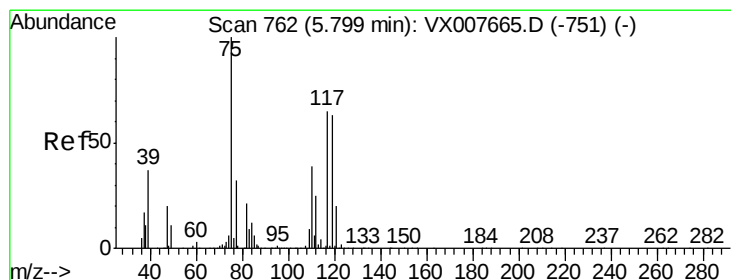
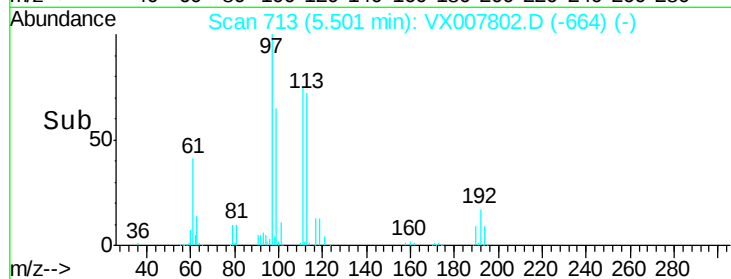
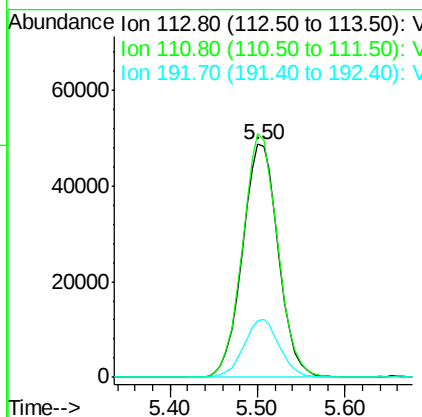
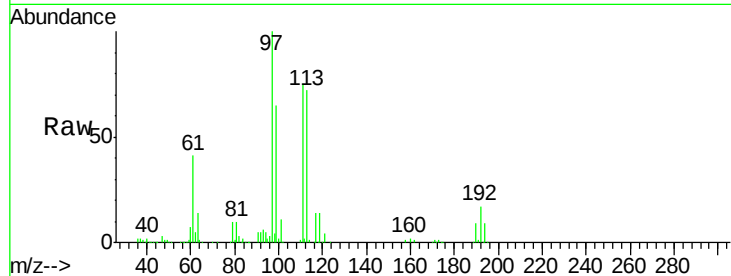
#35
 Dibromofluoromethane
 Concen: 46.363 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX007802.D
 Acq: 01 Mar 2019 20:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.8	122.8
192	24.6	18.5	27.7

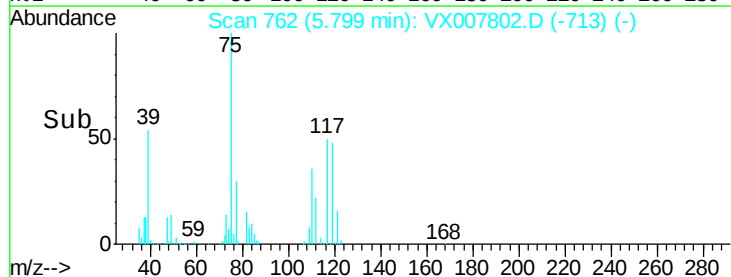
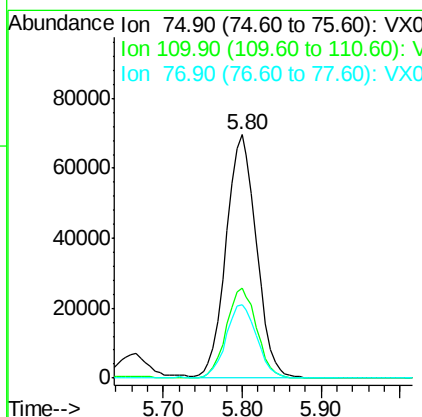
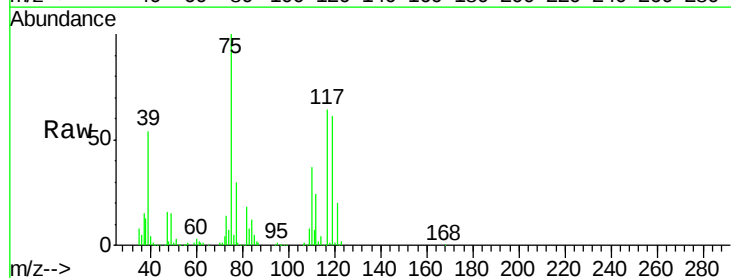
Manual Integrations
 APPROVED

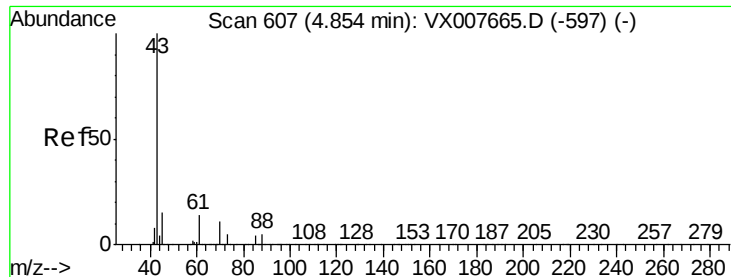
MMDadoda
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#36
 1,1-Dichloropropene
 Concen: 46.106 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX007802.D
 Acq: 01 Mar 2019 20:46

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.0	20.0	59.9
77	30.9	24.7	37.1





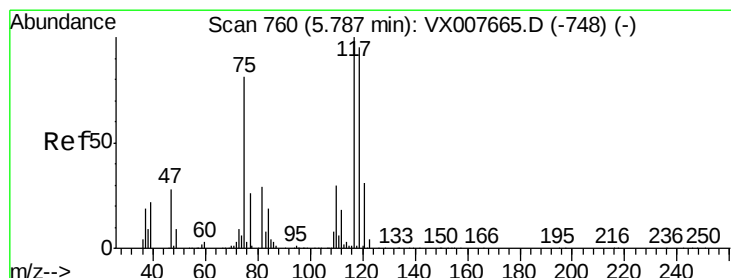
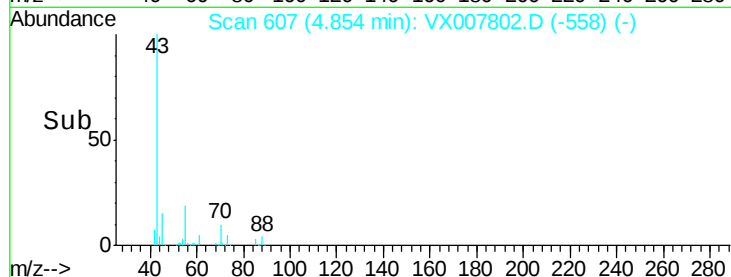
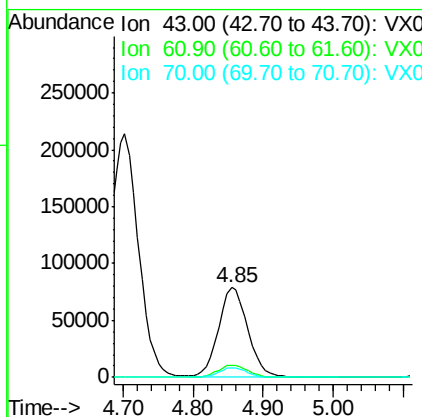
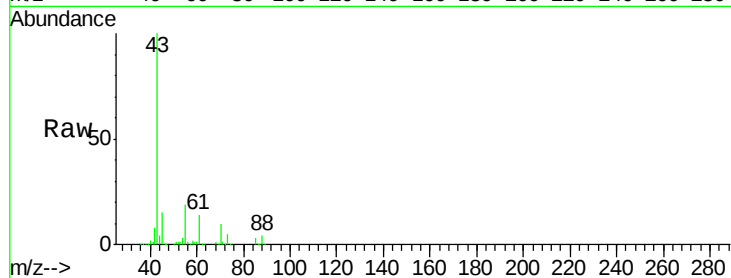
#37
Ethyl Acetate
Concen: 51.057 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX007802.D
Acq: 01 Mar 2019 20:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	228324
Ion	Ratio	Lower	Upper
43	100		
61	14.3	11.3	16.9
70	10.5	8.6	13.0

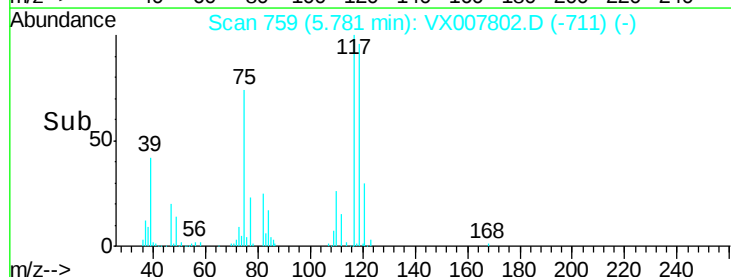
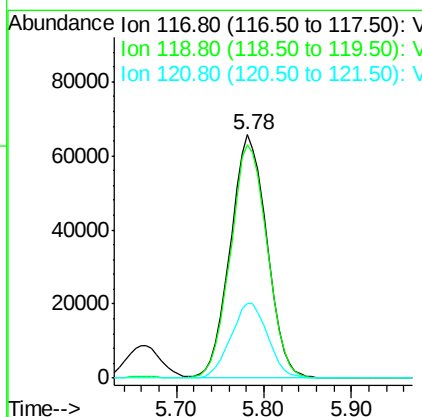
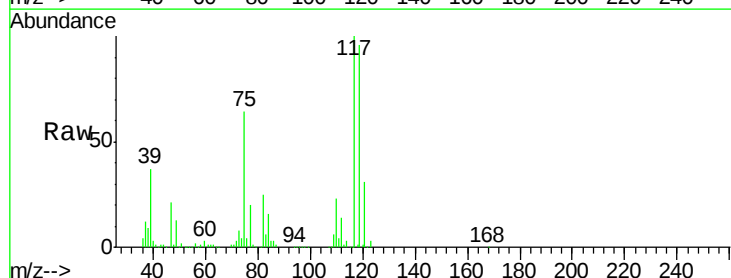
Manual Integrations
APPROVED

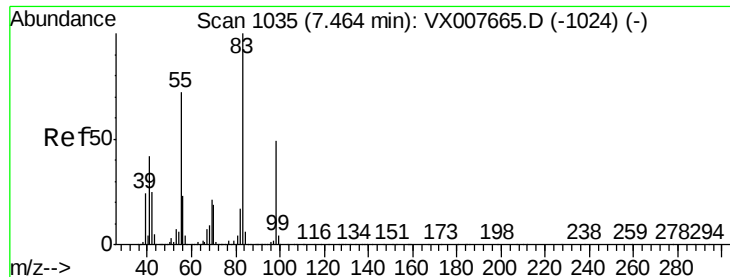
MMDadoda
3/4/2019 1:36:29 PM



#38
Carbon Tetrachloride
Concen: 47.162 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX007802.D
Acq: 01 Mar 2019 20:46

Tgt Ion	117	Resp	190719
Ion	Ratio	Lower	Upper
117	100		
119	95.9	75.3	112.9
121	30.5	25.0	37.4





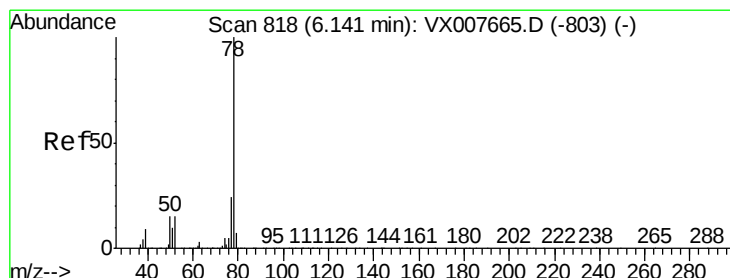
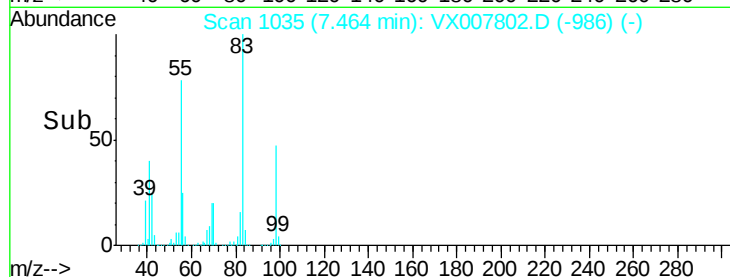
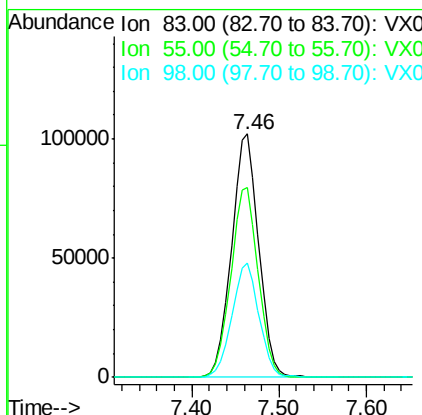
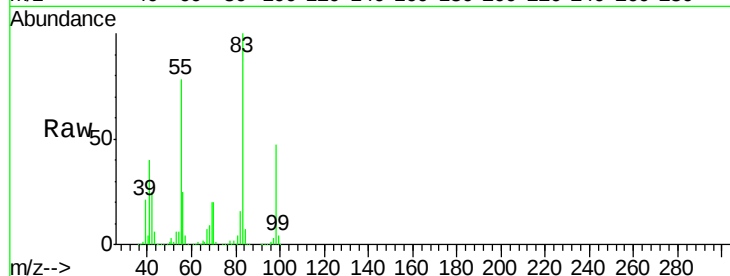
#39
Methvlcvclohexane
Concen: 43.212 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX007802.D
Acq: 01 Mar 2019 20:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.7	56.2	84.2
98	46.7	36.8	55.2

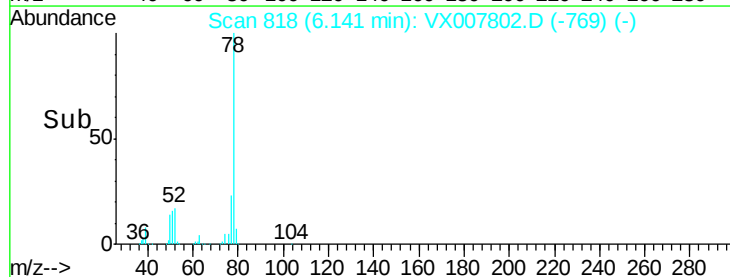
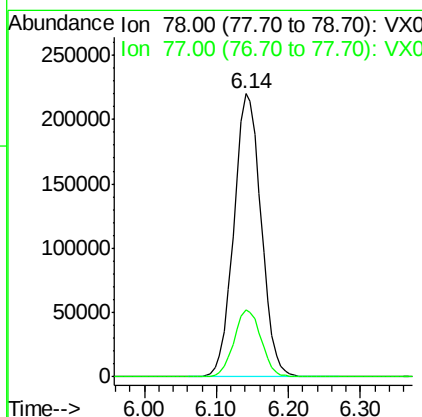
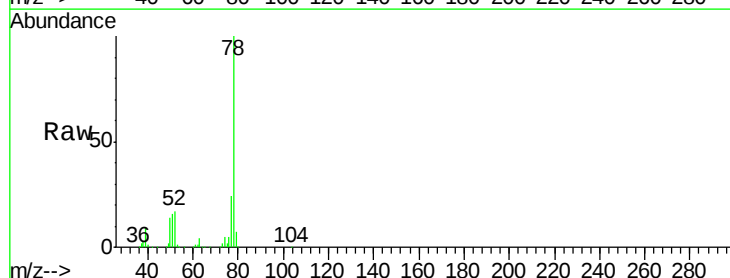
Manual Integrations
APPROVED

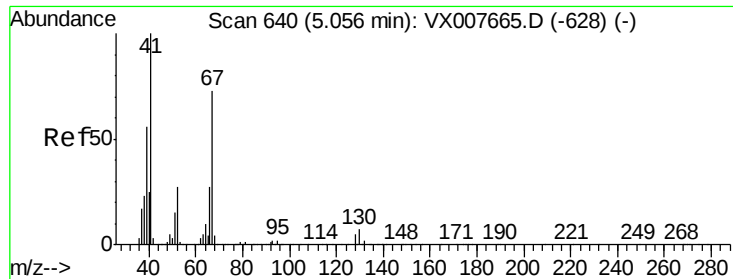
MMDadoda
3/4/2019 1:36:29 PM



#40
Benzene
Concen: 46.587 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX007802.D
Acq: 01 Mar 2019 20:46

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.3	28.9





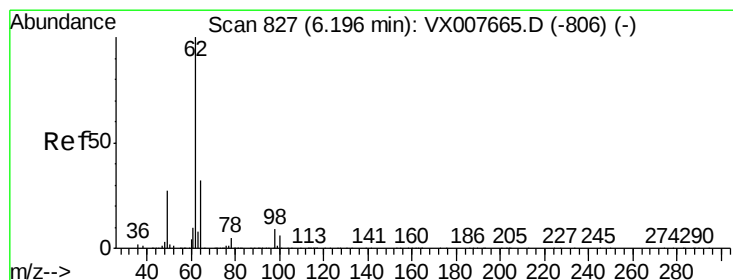
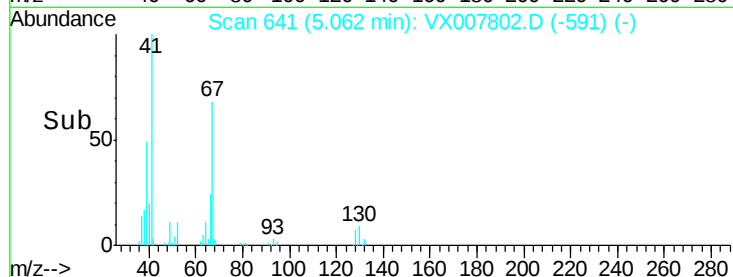
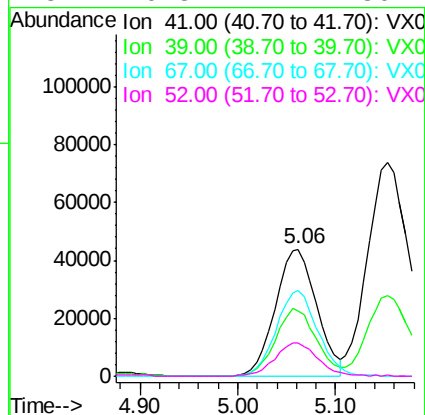
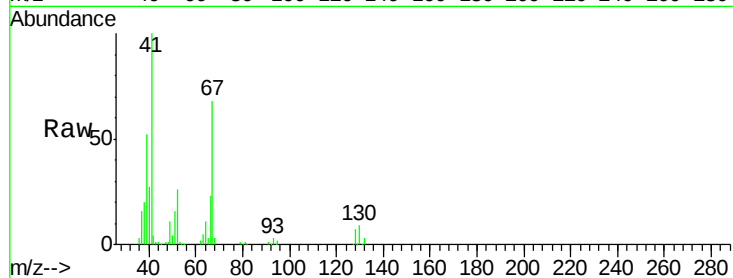
#41
Methacrylonitrile
Concen: 54.096 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.01 min
Lab File: VX007802.D
Acq: 01 Mar 2019 20:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	53.3	44.5	66.7
67	68.4	60.4	90.6
52	26.8	24.1	36.1

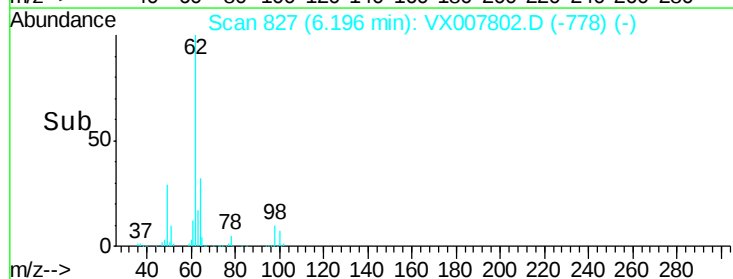
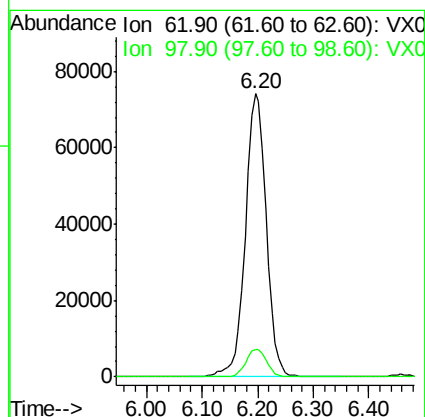
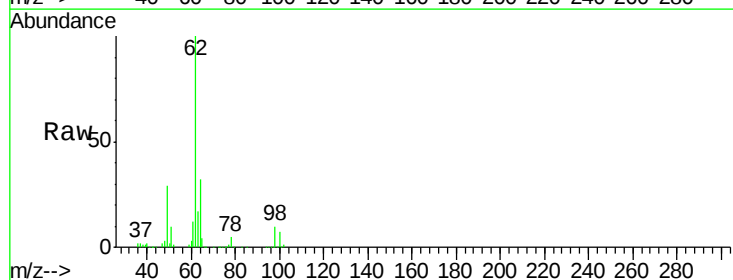
Manual Integrations
APPROVED

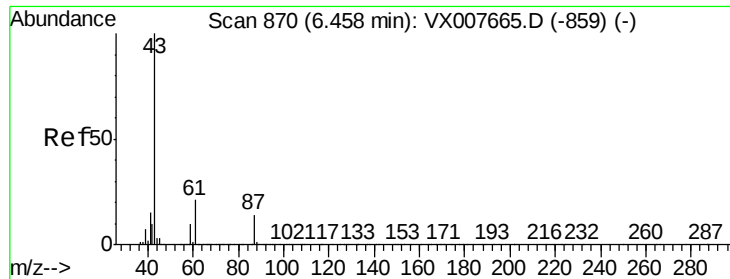
MMDadoda
3/4/2019 1:36:29 PM



#42
1,2-Dichloroethane
Concen: 46.202 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX007802.D
Acq: 01 Mar 2019 20:46

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	19.0





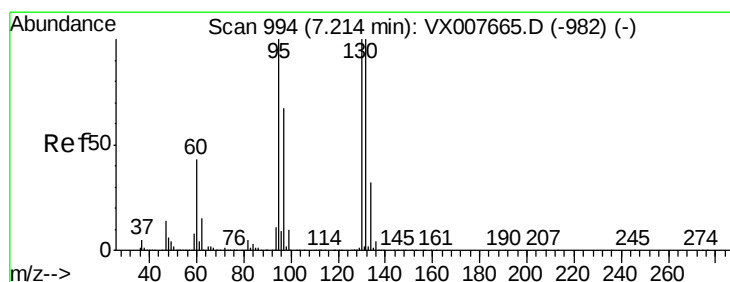
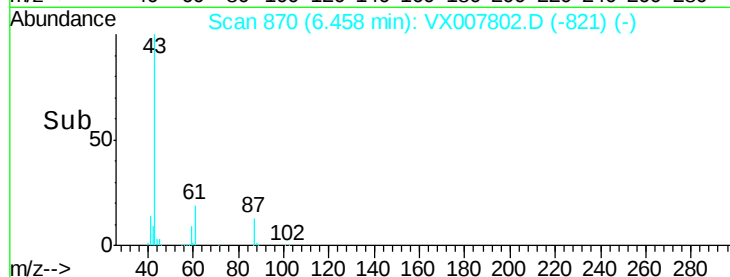
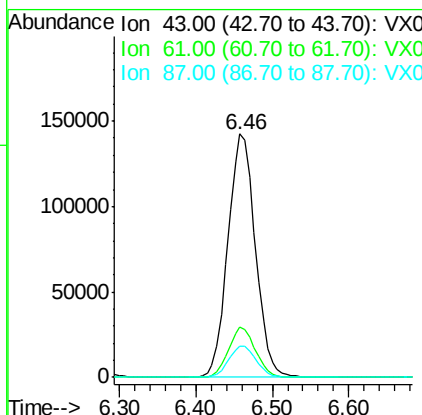
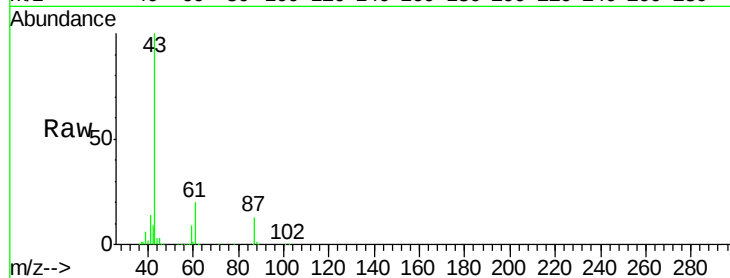
#43
Isopropyl Acetate
Concen: 51.217 ug/l
RT: 6.46 min Scan# 870
Delta R.T. -0.00 min
Lab File: VX007802.D
Acq: 01 Mar 2019 20:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.2	16.1	24.1
87	13.0	11.5	17.3

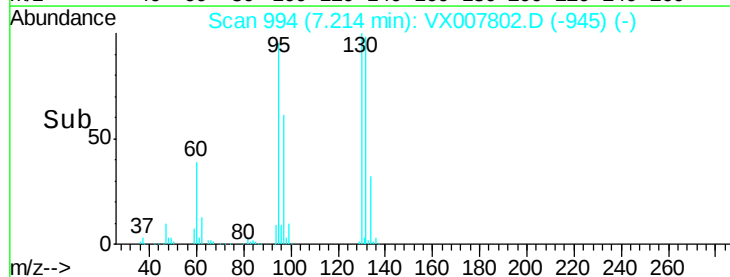
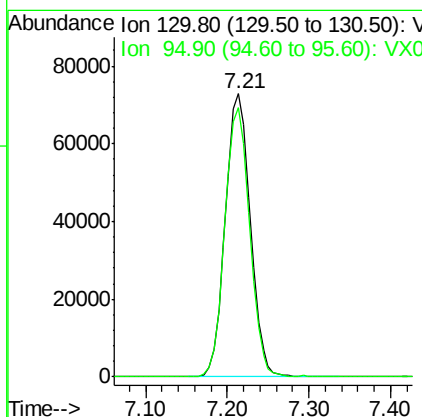
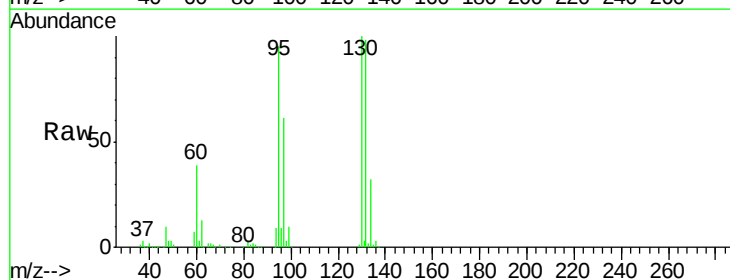
Manual Integrations
APPROVED

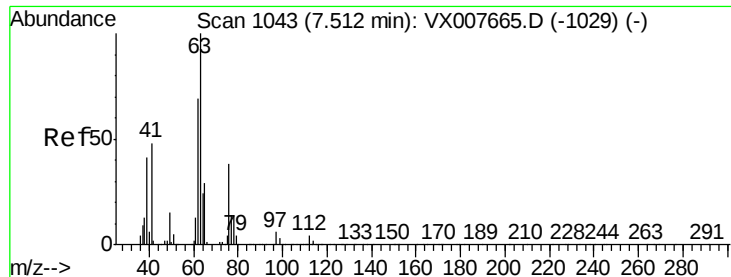
MMDadoda
3/4/2019 1:36:29 PM



#44
Trichloroethene
Concen: 45.052 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.00 min
Lab File: VX007802.D
Acq: 01 Mar 2019 20:46

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.1	0.0	180.0





#45

1,2-Dichloropropane

Concen: 48.428 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VX007802.D

Acq: 01 Mar 2019 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 155898

Ion Ratio Lower Upper

63 100

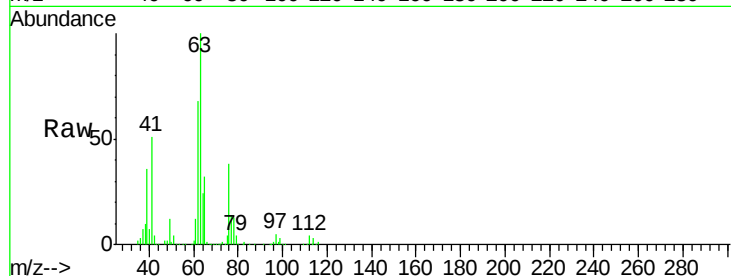
65 31.8 24.2 36.2

Manual Integrations

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.52

80000

60000

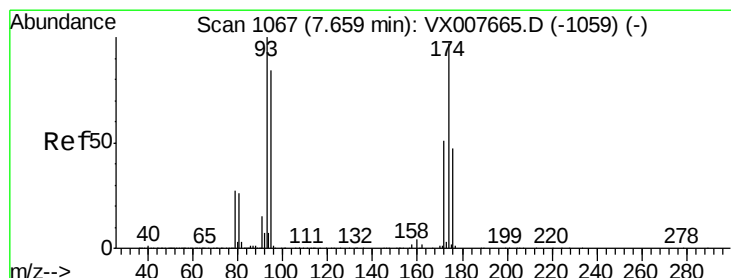
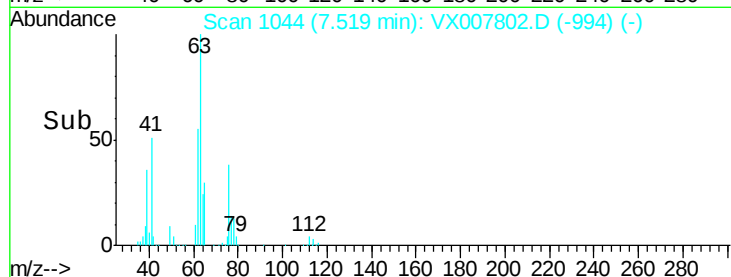
40000

20000

0

7.40 7.50 7.60

Time-->



#46

Dibromomethane

Concen: 43.469 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX007802.D

Acq: 01 Mar 2019 20:46

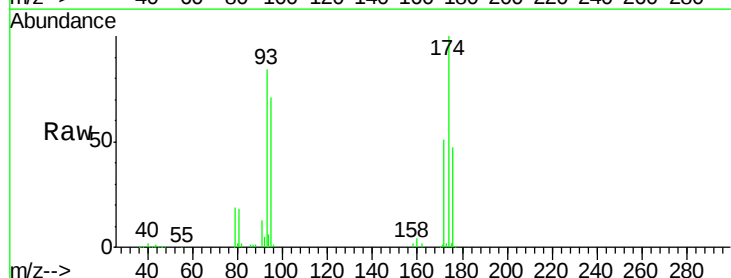
Tgt Ion: 93 Resp: 97623

Ion Ratio Lower Upper

93 100

95 83.8 67.6 101.4

174 121.2 94.2 141.4



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

80000

60000

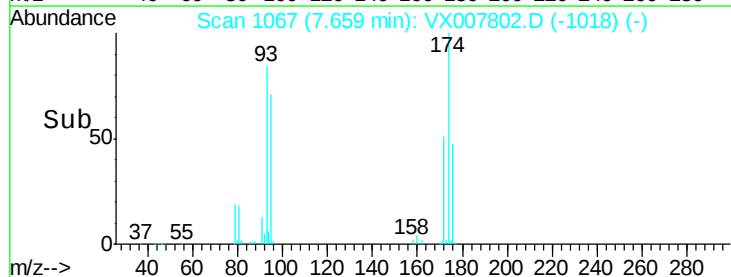
40000

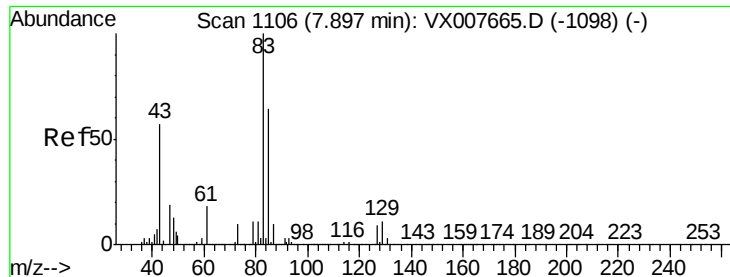
20000

0

7.60 7.70 7.80

Time-->





#47

Bromodichloromethane

Concen: 49.993 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007802.D

Acq: 01 Mar 2019 20:46

Instrument :

MSVOA_X

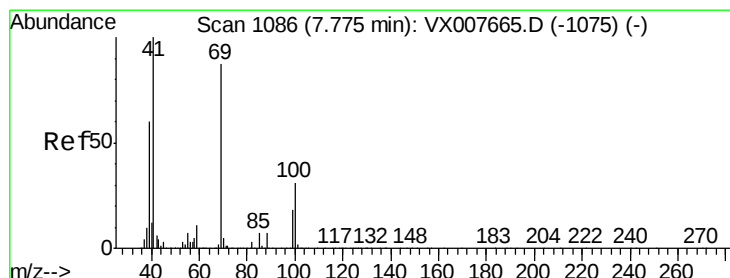
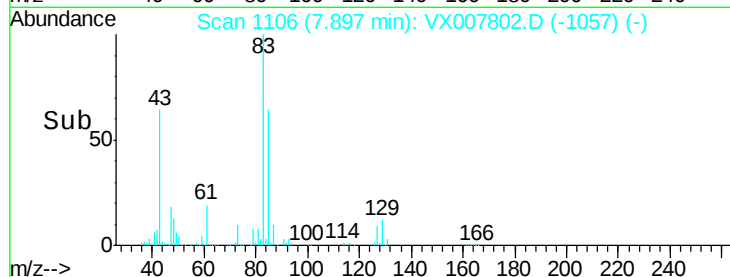
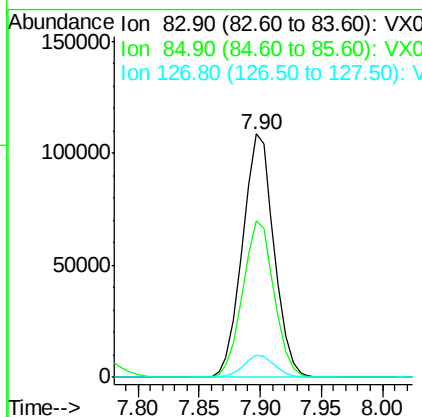
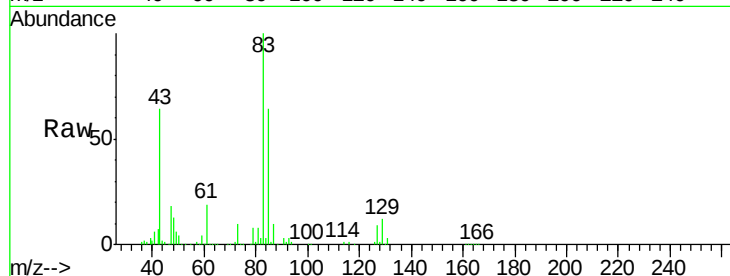
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	194567
Ion Ratio	Lower	Upper	
83	100		
85	64.2	51.4	77.0
127	9.0	8.1	12.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 51.106 ug/l

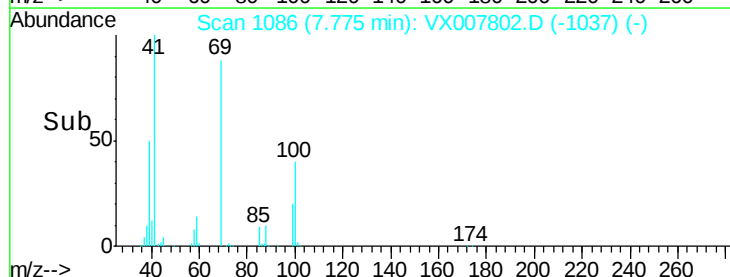
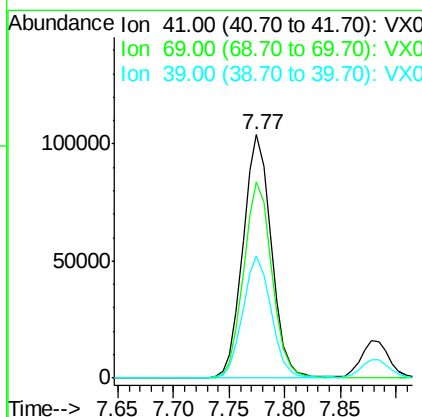
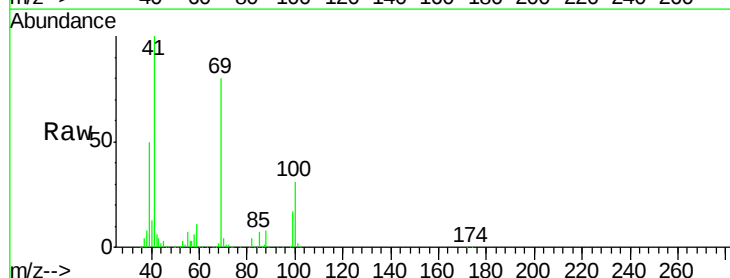
RT: 7.77 min Scan# 1086

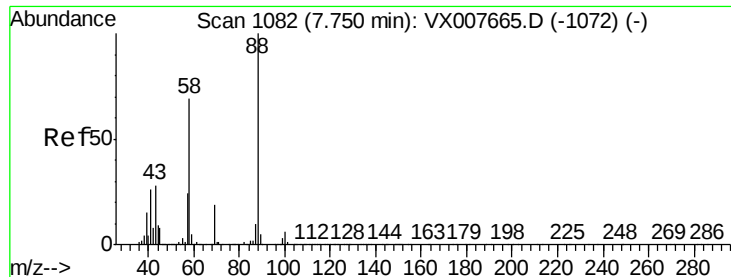
Delta R.T. -0.00 min

Lab File: VX007802.D

Acq: 01 Mar 2019 20:46

Tgt Ion:	41	Resp:	184377
Ion Ratio	Lower	Upper	
41	100		
69	81.2	70.2	105.4
39	50.2	47.4	71.0





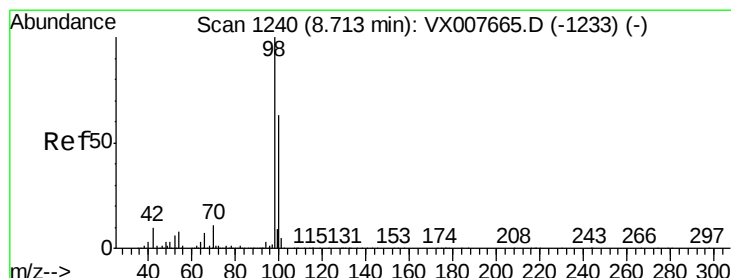
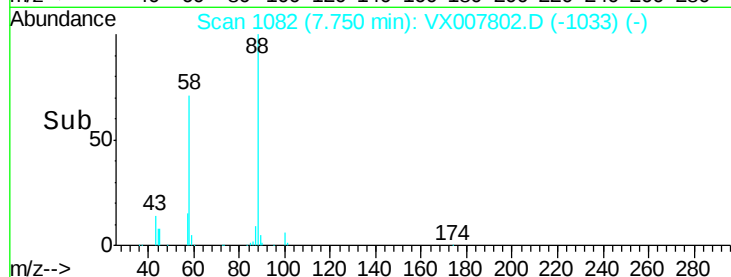
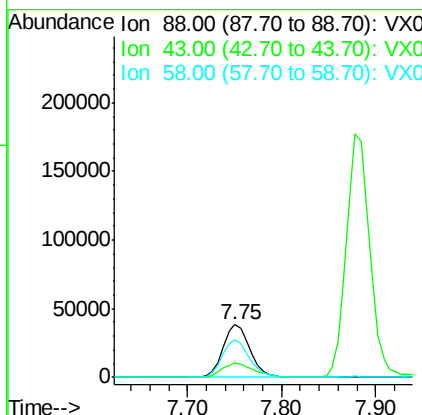
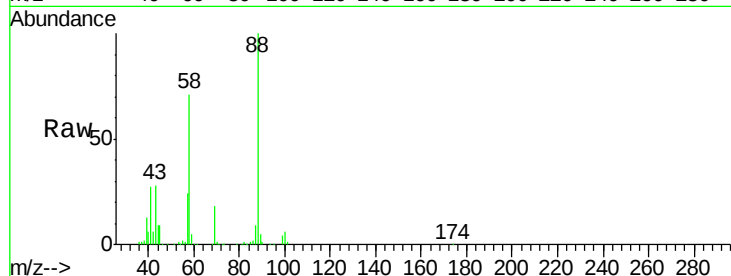
#49
1,4-Dioxane
Concen: 975.230 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.00 min
Lab File: VX007802.D
Acq: 01 Mar 2019 20:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.7	24.2	36.4
58	71.7	53.0	79.4

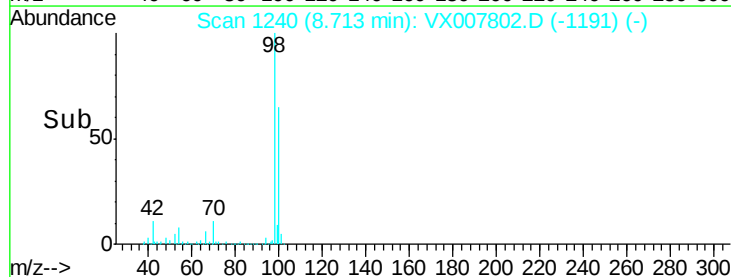
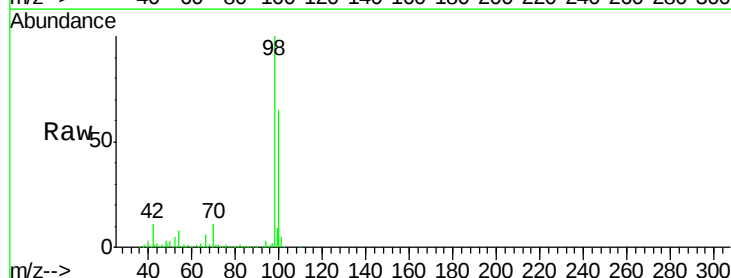
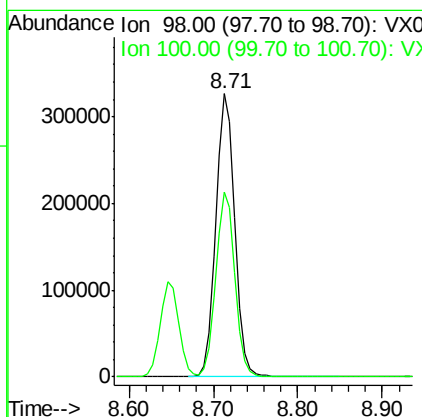
Manual Integrations
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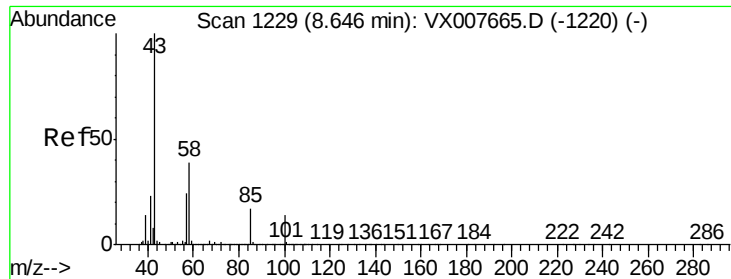
MMDadoda
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#50
Toluene-d8
Concen: 44.433 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007802.D
Acq: 01 Mar 2019 20:46

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.6	51.6	77.4





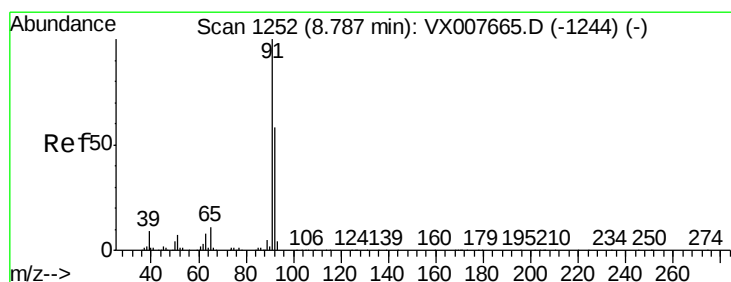
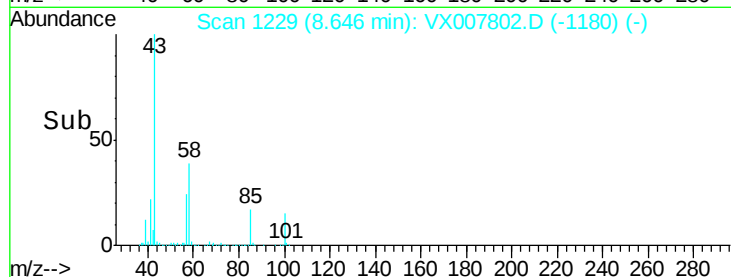
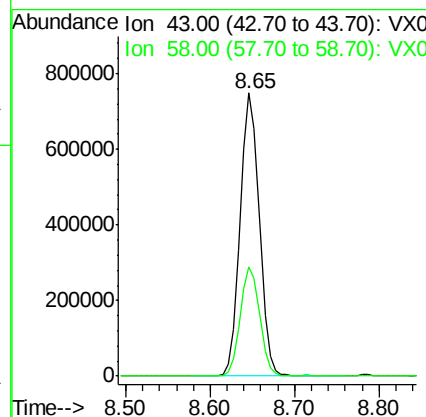
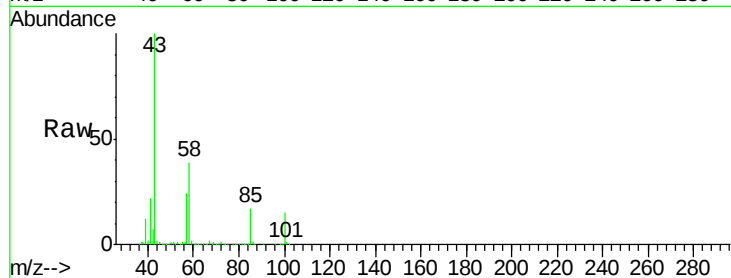
#51
4-Methyl-2-Pentanone
Concen: 249.068 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VX007802.D
Acq: 01 Mar 2019 20:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1147468
Ion Ratio Lower Upper
43 100
58 38.8 31.2 46.8

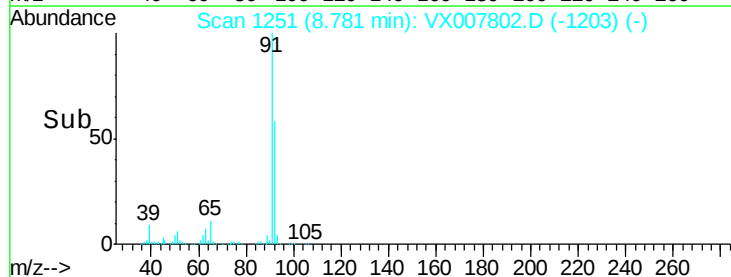
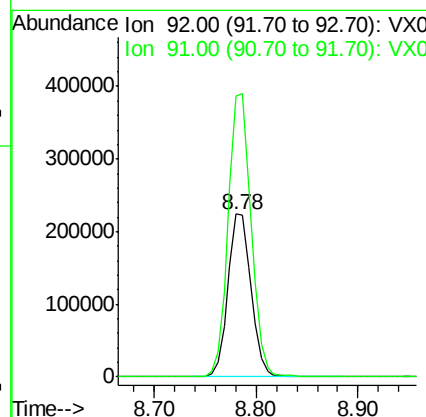
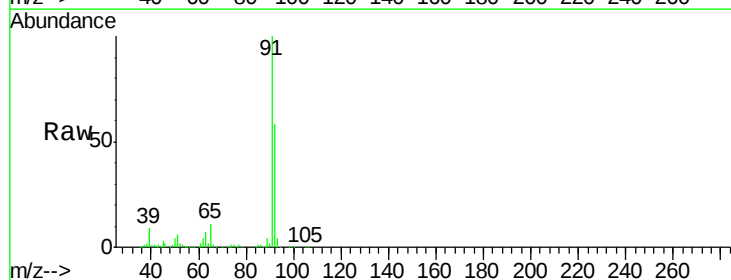
Manual Integrations
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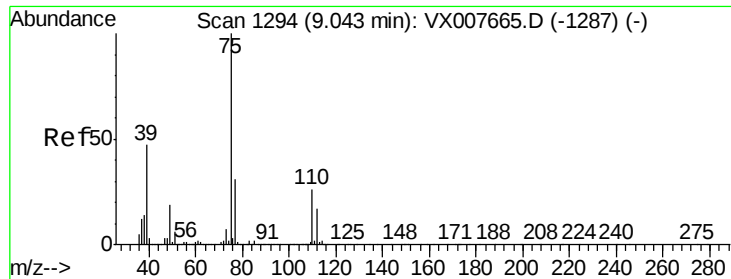
MMDadoda
3/4/2019 1:36:29 PM



#52
Toluene
Concen: 44.991 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX007802.D
Acq: 01 Mar 2019 20:46

Tgt Ion: 92 Resp: 352571
Ion Ratio Lower Upper
92 100
91 173.5 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 43.746 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007802.D

Acq: 01 Mar 2019 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 209864

Ion Ratio Lower Upper

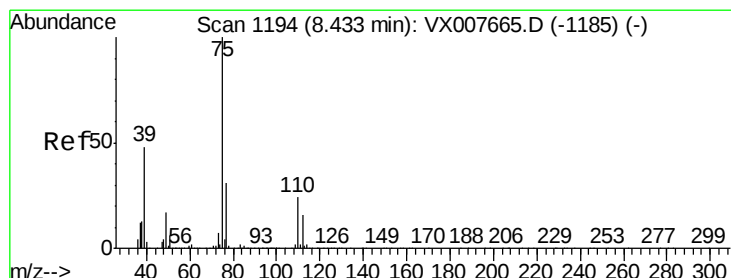
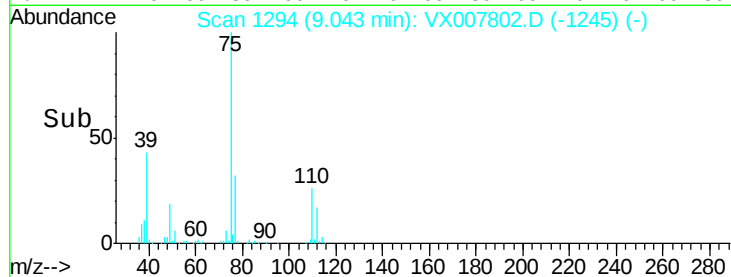
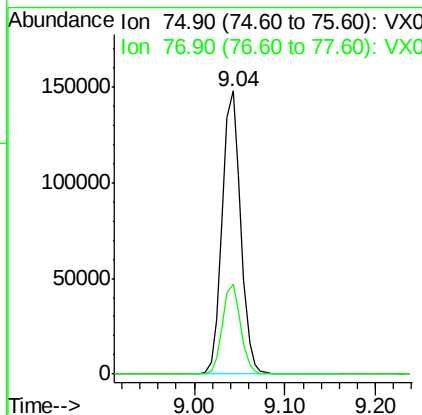
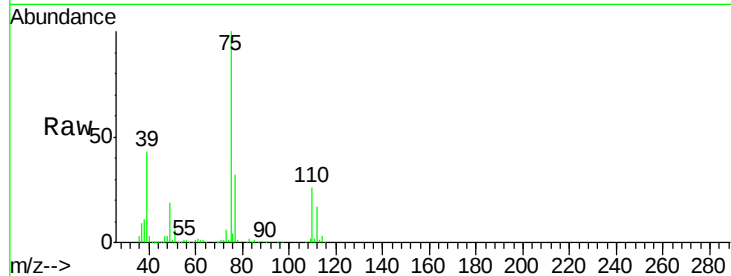
75 100

77 31.7 25.2 37.8

Manual Integrations
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#54

cis-1,3-Dichloropropene

Concen: 49.054 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX007802.D

Acq: 01 Mar 2019 20:46

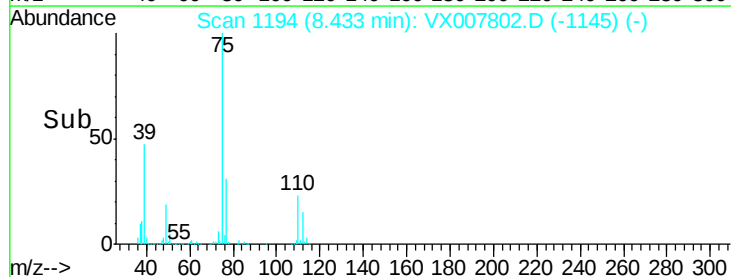
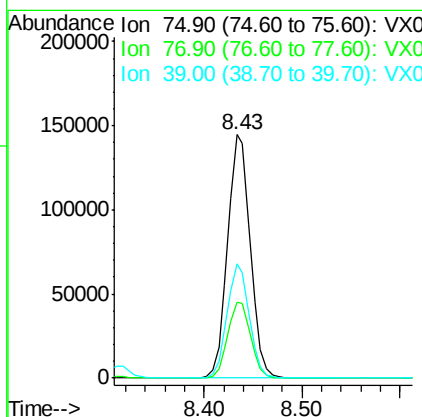
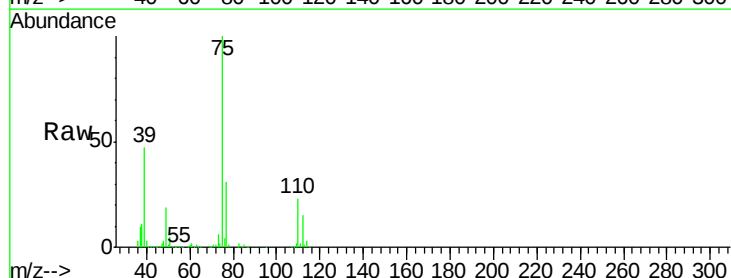
Tgt Ion: 75 Resp: 231679

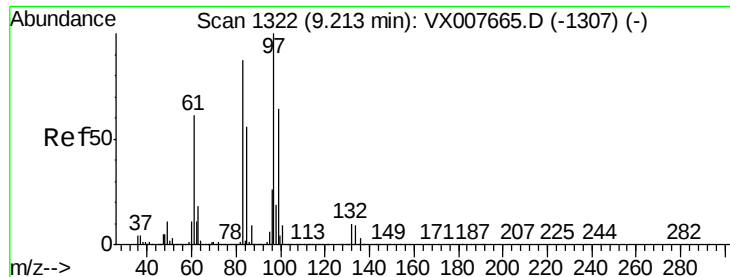
Ion Ratio Lower Upper

75 100

77 31.3 26.2 39.4

39 47.1 37.1 55.7





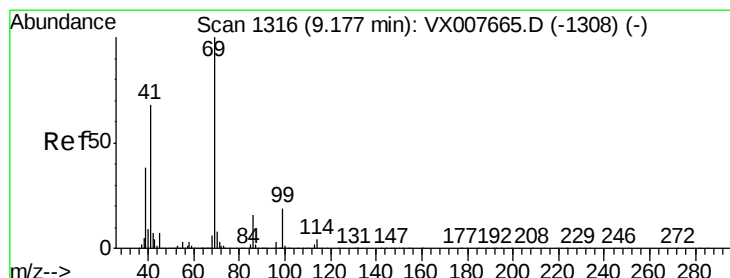
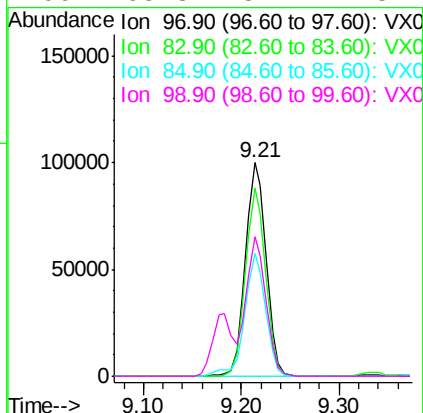
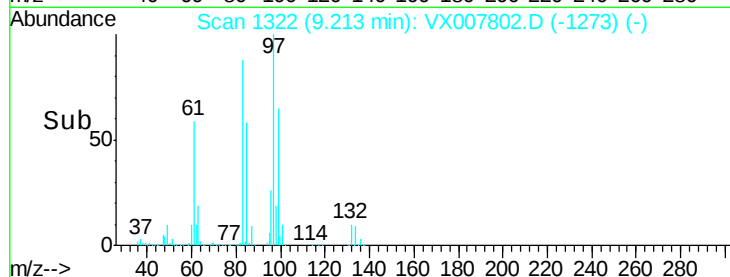
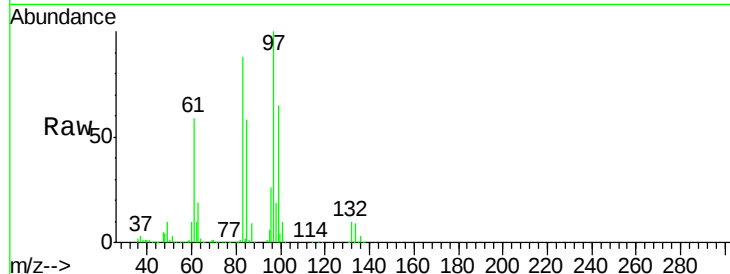
#55
 1,1,2-Trichloroethane
 Concen: 44.978 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX007802.D
 Acq: 01 Mar 2019 20:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		146982		
83	87.9	68.6	102.8		
85	57.6	44.5	66.7		
99	65.3	52.2	78.4		

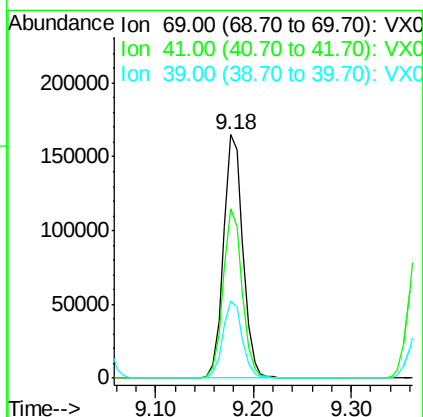
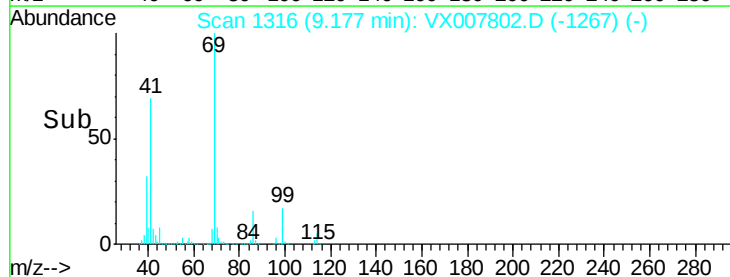
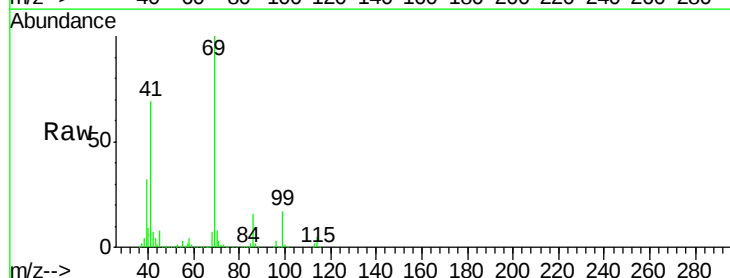
Manual Integrations
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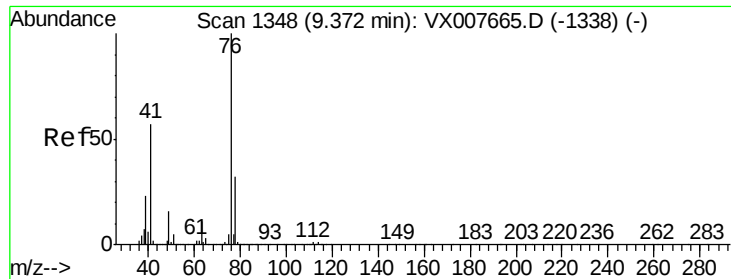
MMDadoda
 3/4/2019 1:36:29 PM



#56
 Ethyl methacrylate
 Concen: 48.704 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX007802.D
 Acq: 01 Mar 2019 20:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		226332		
41	68.1	52.1	78.1		
39	31.6	30.1	45.1		





#57

1,3-Dichloropropane

Concen: 46.802 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX007802.D

Acq: 01 Mar 2019 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 244826

Ion Ratio Lower Upper

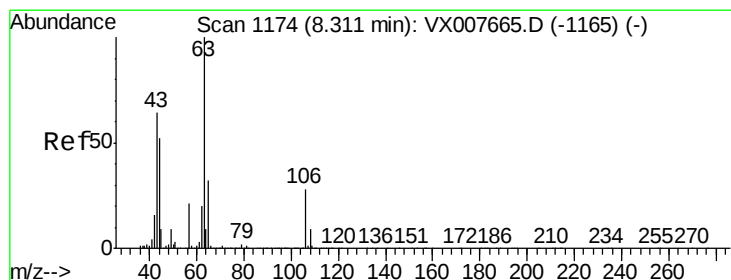
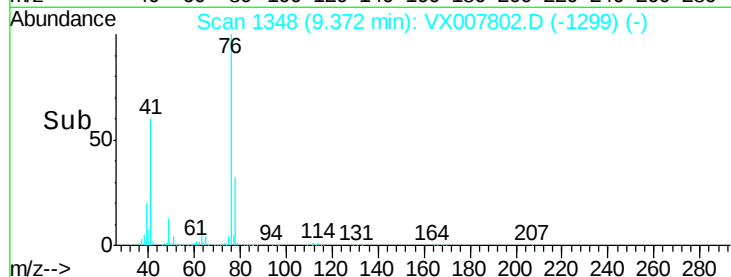
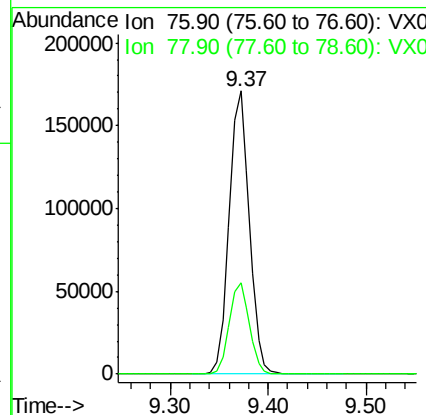
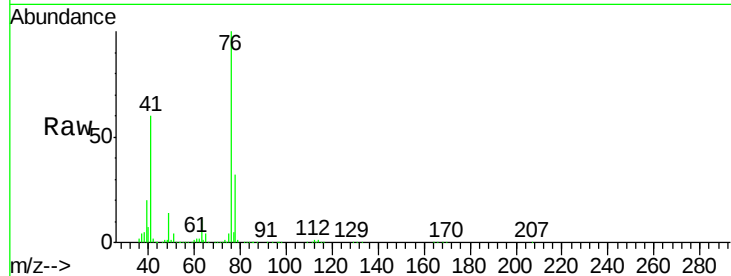
76 100

78 32.3 25.8 38.8

Manual Integrations
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#58

2-Chloroethyl Vinyl ether

Concen: 234.037 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX007802.D

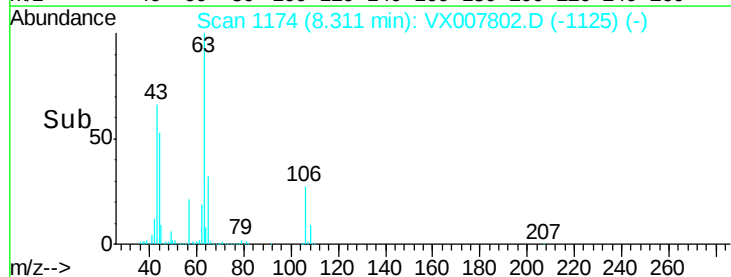
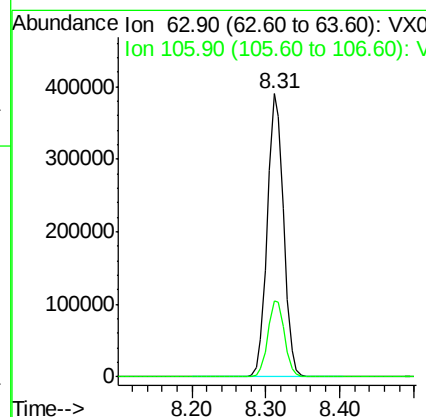
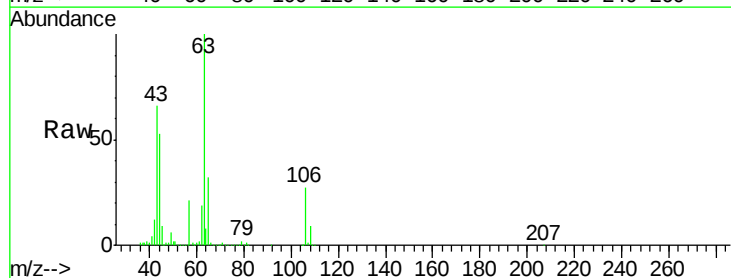
Acq: 01 Mar 2019 20:46

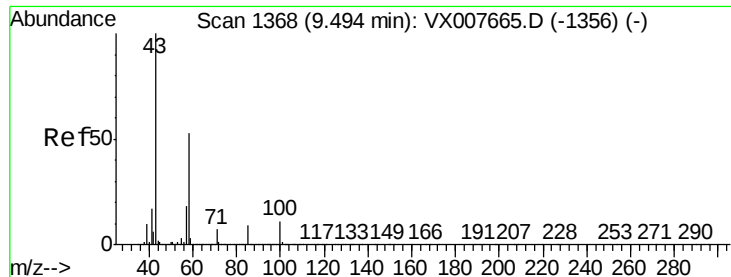
Tgt Ion: 63 Resp: 599754

Ion Ratio Lower Upper

63 100

106 27.5 23.6 35.4





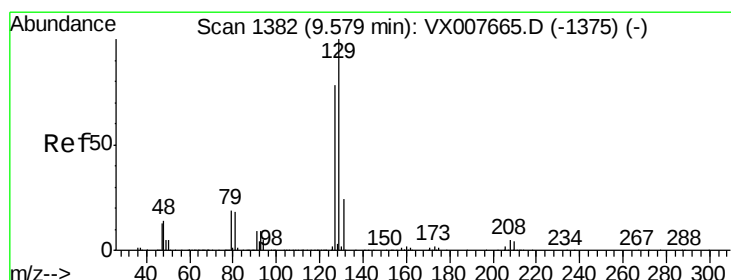
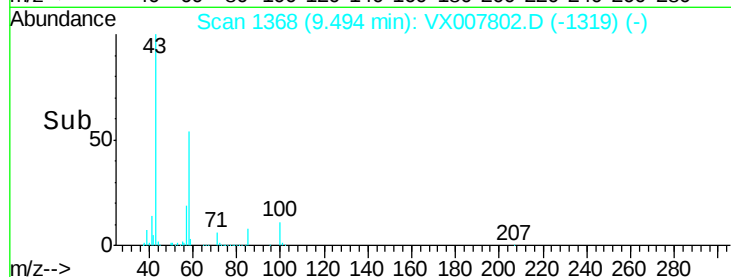
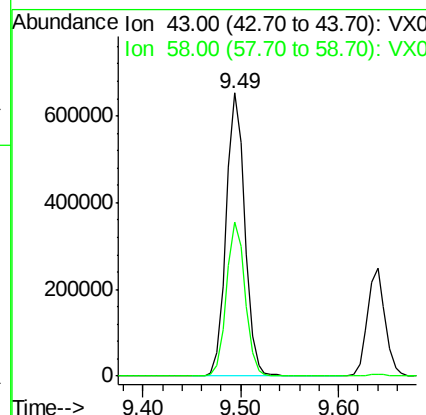
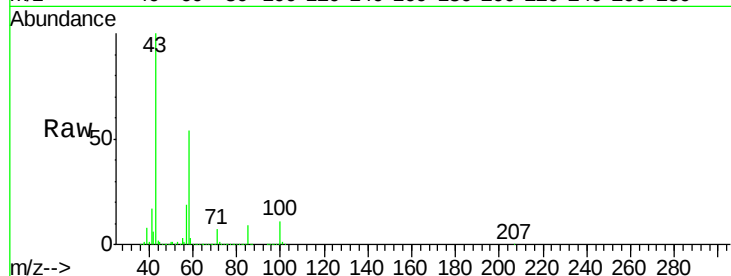
#59
2-Hexanone
Concen: 239.734 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007802.D
Acq: 01 Mar 2019 20:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	54.3	27.1	81.3

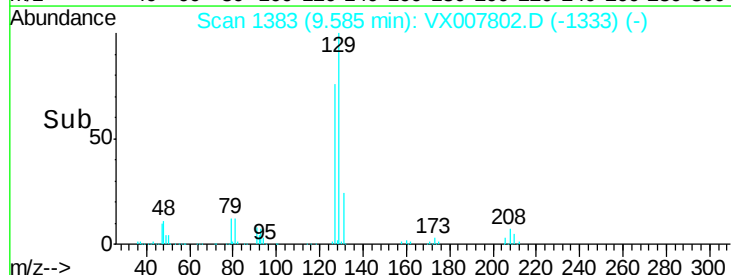
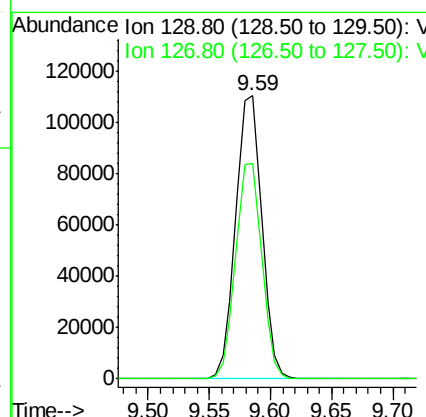
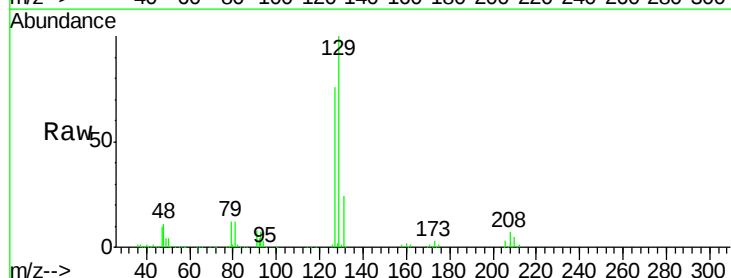
Manual Integrations
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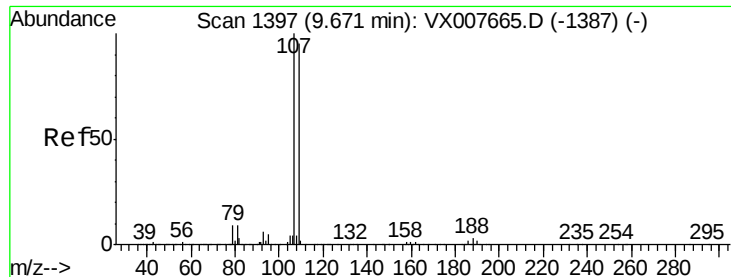
MMDadoda
3/4/2019 1:36:29 PM



#60
Dibromochloromethane
Concen: 51.880 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX007802.D
Acq: 01 Mar 2019 20:46

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.4	37.8	113.4





#61

1,2-Dibromoethane

Concen: 45.837 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007802.D

Acq: 01 Mar 2019 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 155517

Ion Ratio Lower Upper

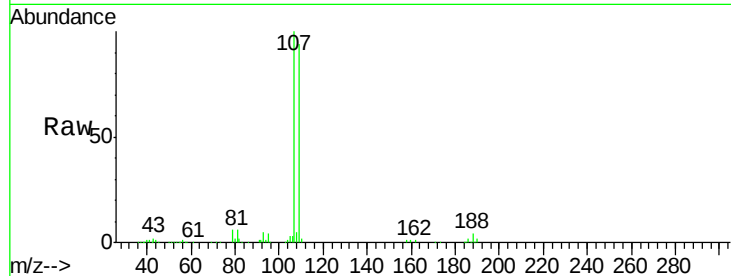
107 100

109 94.5 75.1 112.7

Manual Integrations
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3/4/2019 1:36:29 PM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

120000

100000

80000

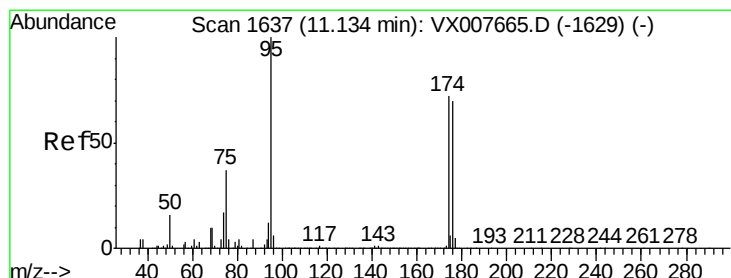
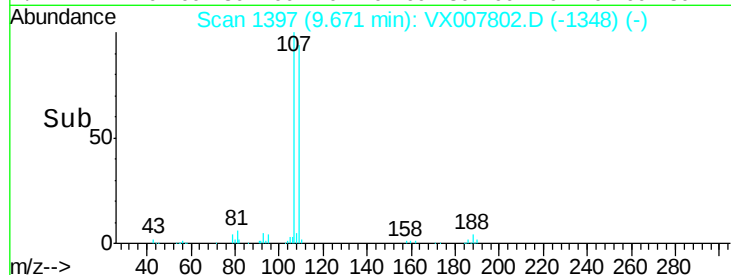
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 43.405 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007802.D

Acq: 01 Mar 2019 20:46

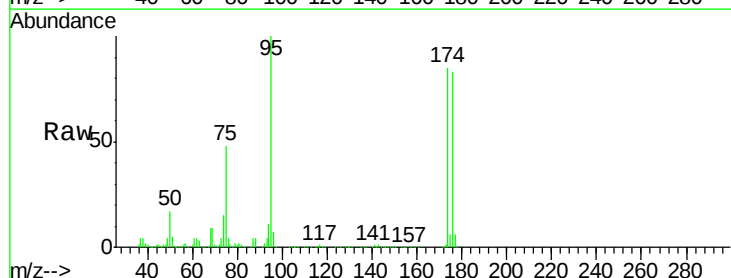
Tgt Ion: 95 Resp: 182564

Ion Ratio Lower Upper

95 100

174 92.1 0.0 189.2

176 89.9 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

11.13

200000

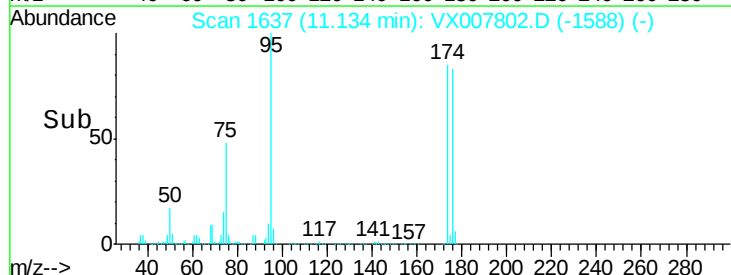
150000

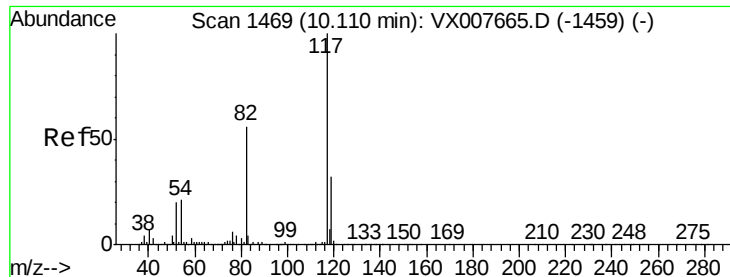
100000

50000

0

Time-->





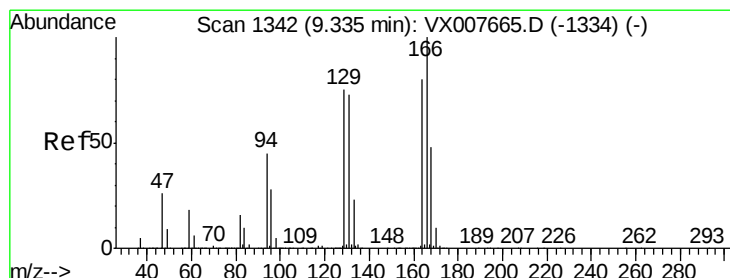
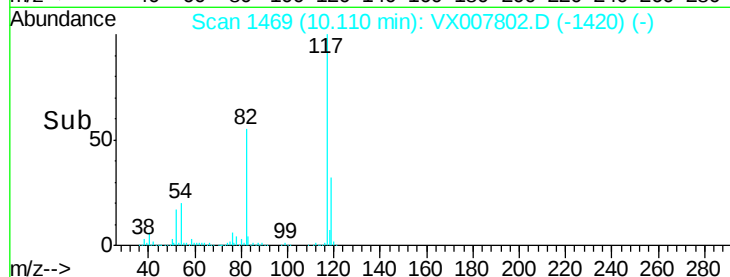
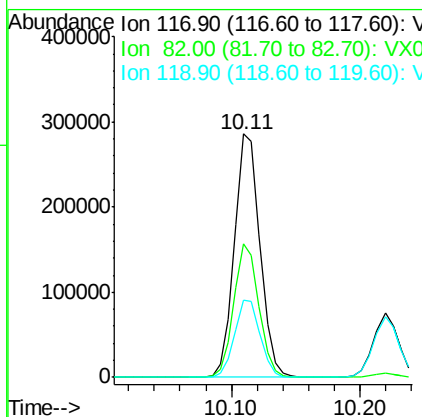
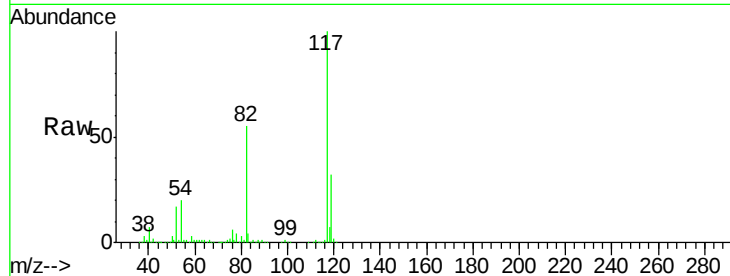
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007802.D
Acq: 01 Mar 2019 20:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	397326		
82	55.1	42.1	63.1	
119	32.0	26.5	39.7	

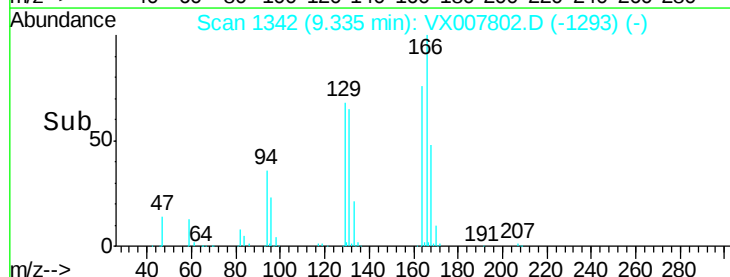
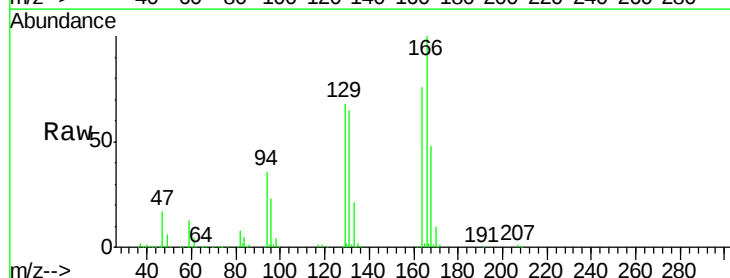
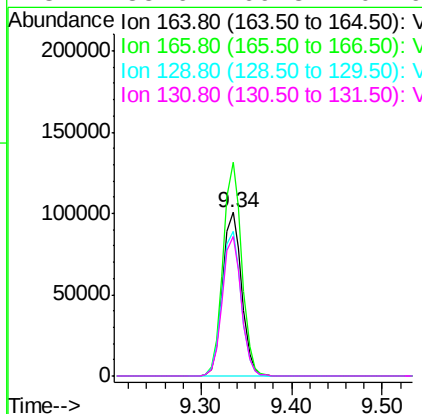
Manual Integrations
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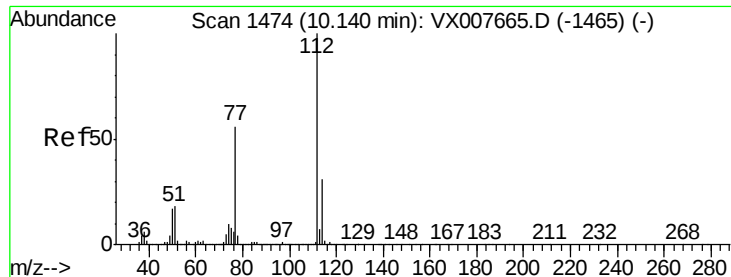
MMDadoda
3/4/2019 1:36:29 PM



#64
Tetrachloroethene
Concen: 45.670 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007802.D
Acq: 01 Mar 2019 20:46

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	147312		
166	130.8	101.0	151.4	
129	88.8	70.5	105.7	
131	85.6	69.8	104.6	





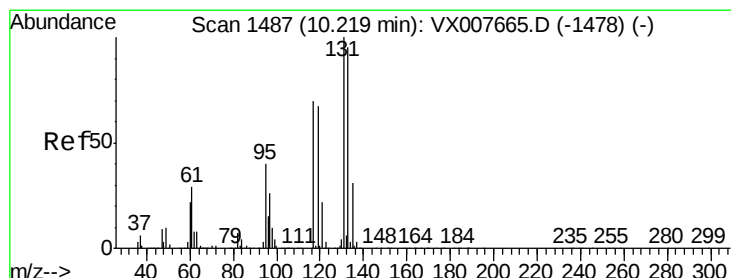
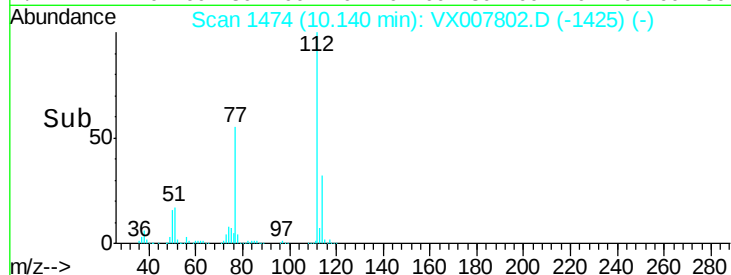
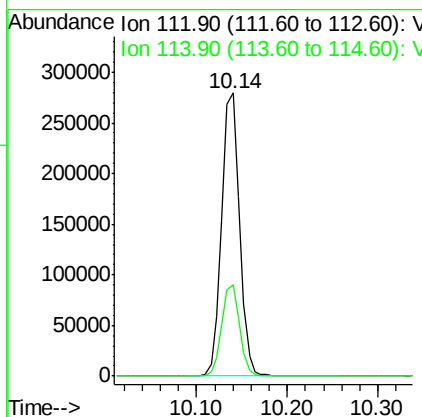
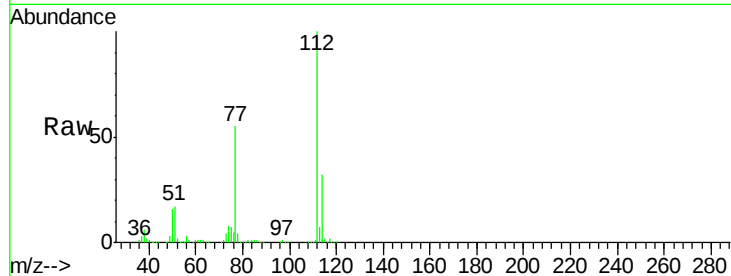
#65
Chlorobenzene
Concen: 45.076 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX007802.D
Acq: 01 Mar 2019 20:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 387353
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.6

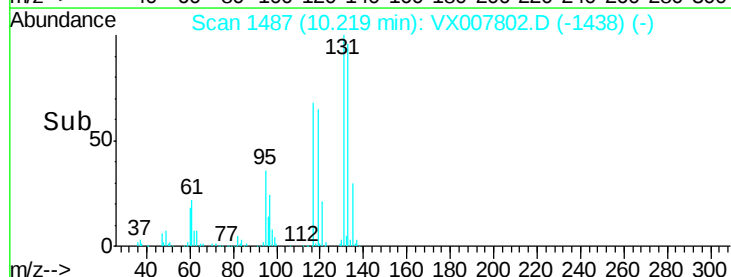
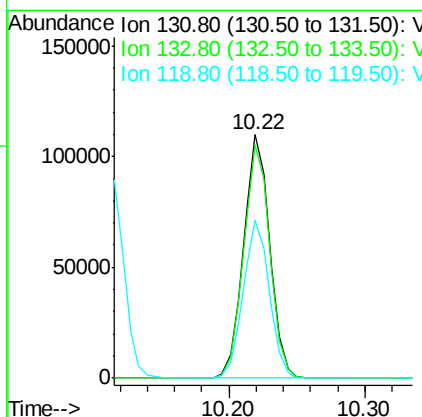
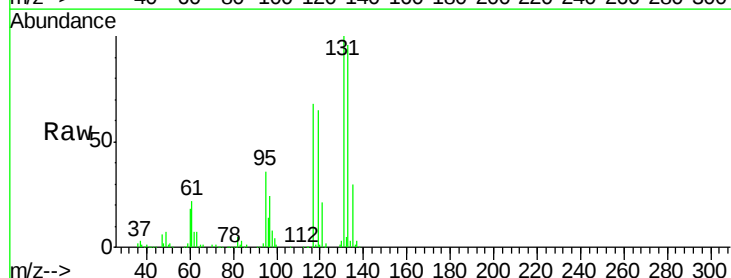
Manual Integrations
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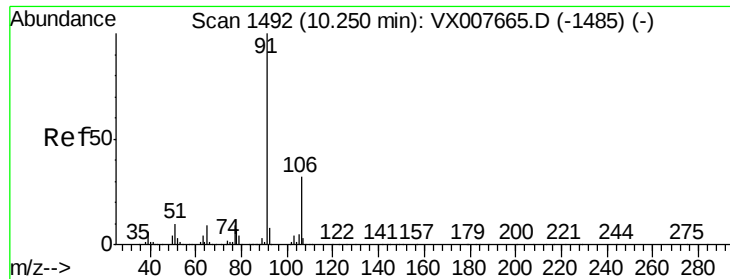
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.004 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX007802.D
Acq: 01 Mar 2019 20:46

Tgt Ion:131 Resp: 146892
Ion Ratio Lower Upper
131 100
133 95.8 48.0 144.2
119 65.1 32.0 96.0





#67

Ethyl Benzene

Concen: 45.928 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007802.D

Acq: 01 Mar 2019 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 653805

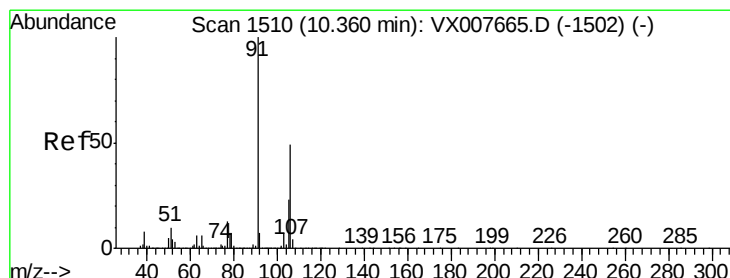
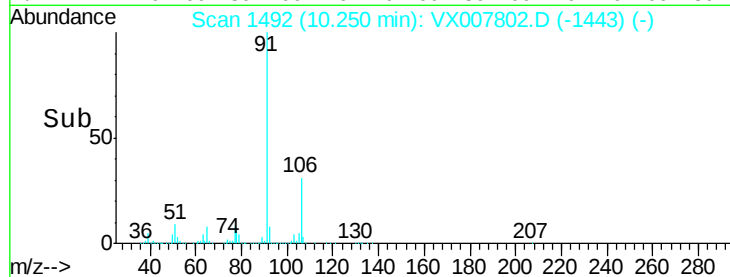
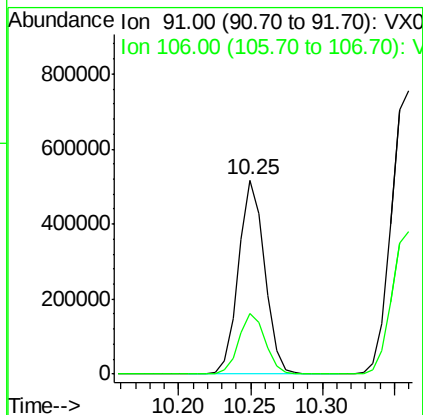
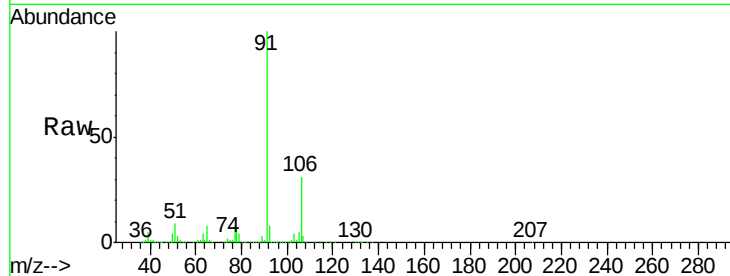
Ion Ratio Lower Upper

91 100

106 31.3 25.4 38.0

Manual Integrations
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#68

m/p-Xylenes

Concen: 91.179 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007802.D

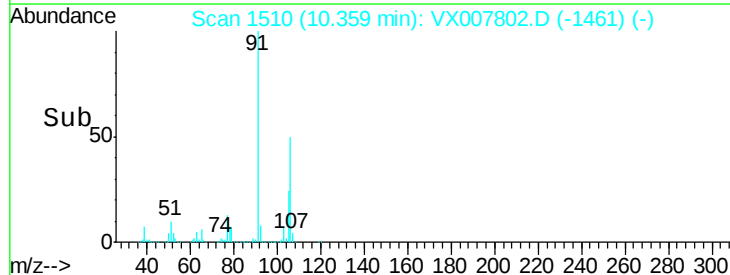
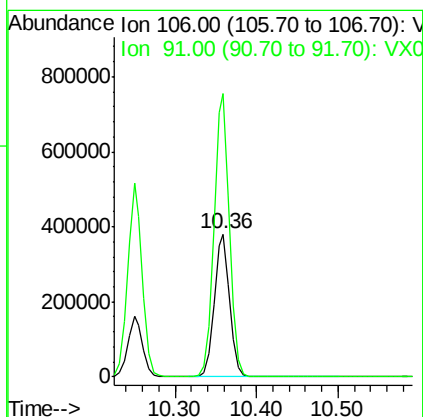
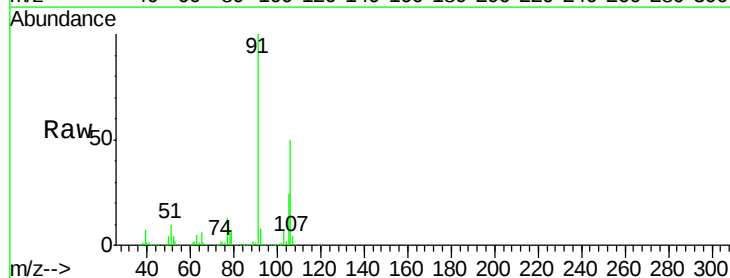
Acq: 01 Mar 2019 20:46

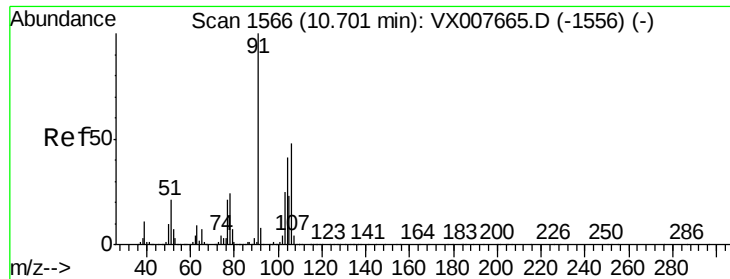
Tgt Ion: 106 Resp: 504950

Ion Ratio Lower Upper

106 100

91 200.4 156.6 234.8





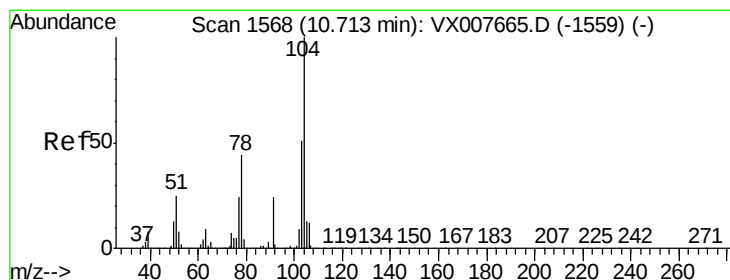
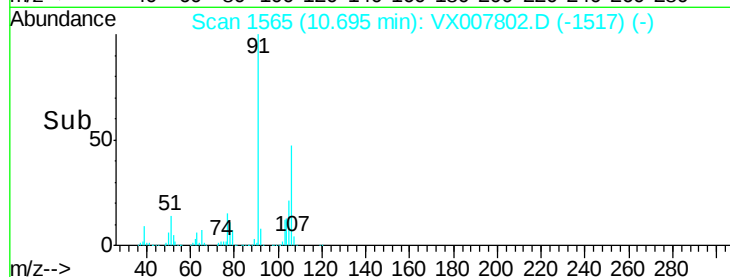
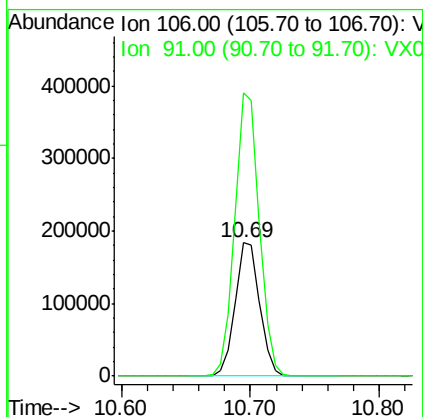
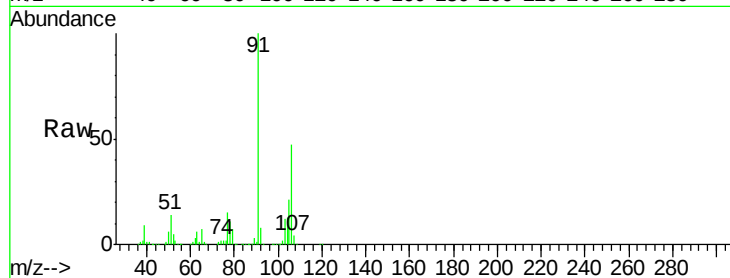
#69
o-Xylene
Concen: 46.083 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX007802.D
Acq: 01 Mar 2019 20:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	211.7	102.9	308.7

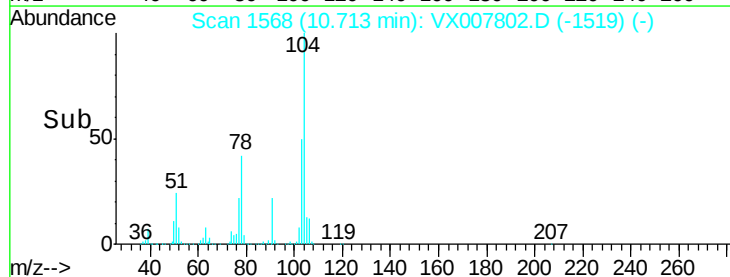
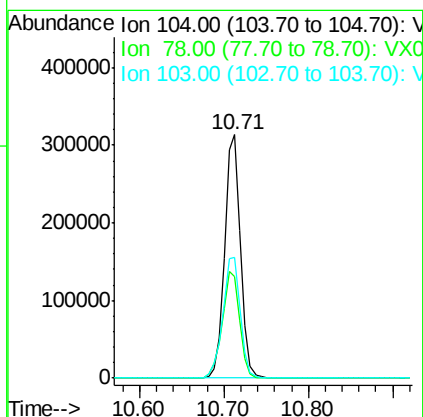
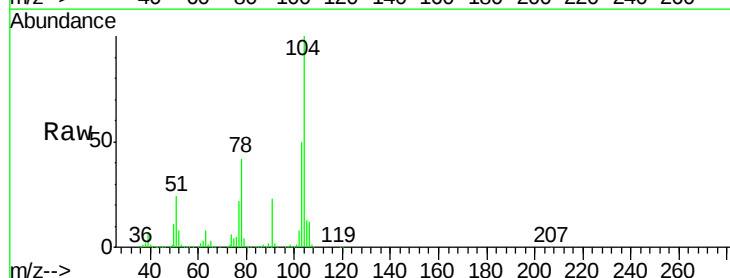
Manual Integrations
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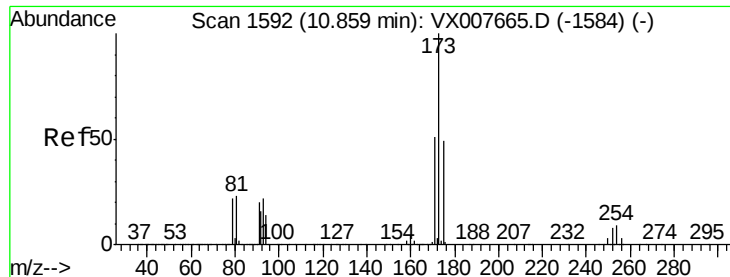
MMDadoda
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#70
Styrene
Concen: 46.525 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007802.D
Acq: 01 Mar 2019 20:46

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.5	38.3	57.5
103	55.5	44.6	67.0





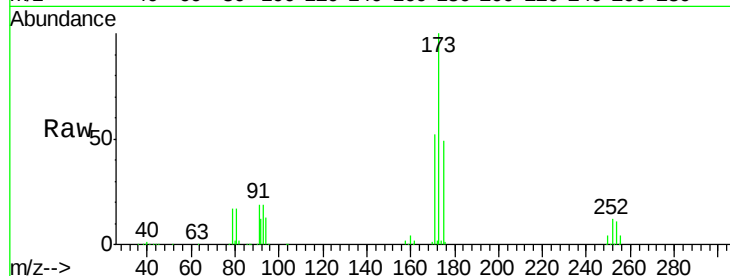
#71
Bromoform
Concen: 57.973 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.01 min
Lab File: VX007802.D
Acq: 01 Mar 2019 20:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

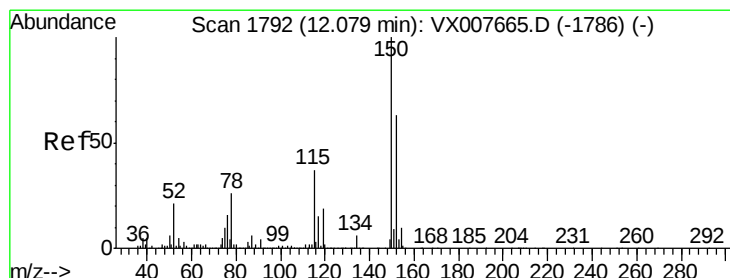
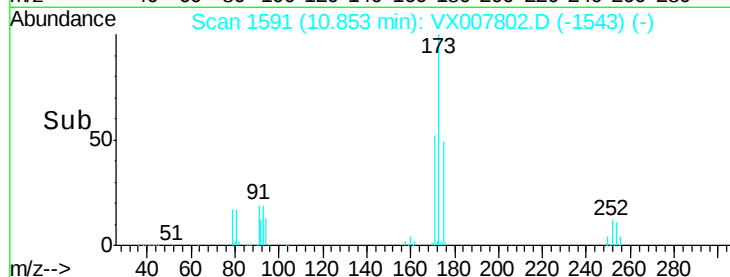
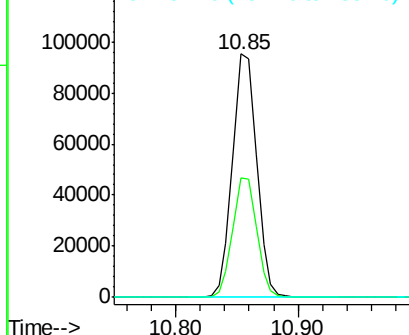
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.0	24.2	72.6
254	0.2	0.2	0.2

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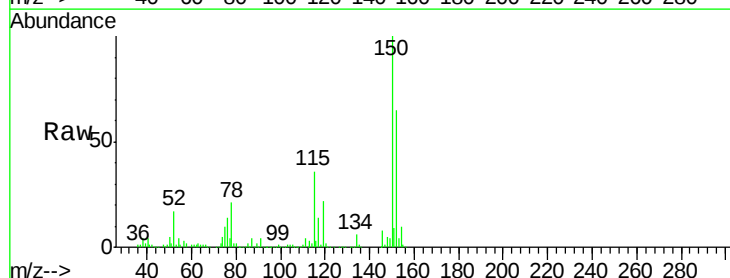


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

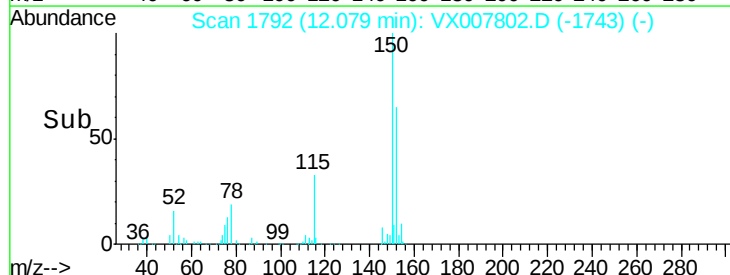
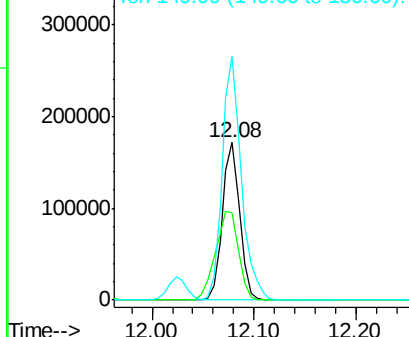


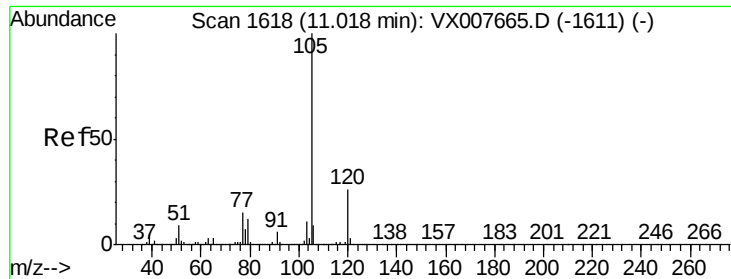
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007802.D
Acq: 01 Mar 2019 20:46

Tgt Ion	Ratio	Lower	Upper
152	100		
115	75.2	38.0	114.0
150	170.7	0.0	346.4



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





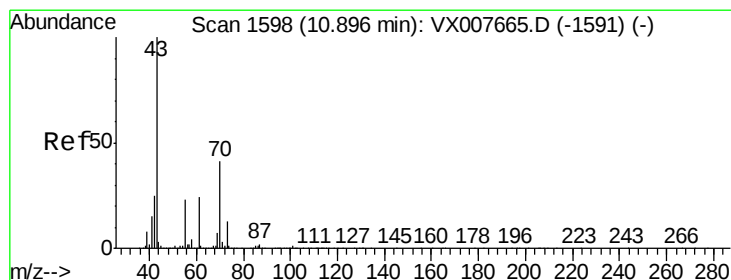
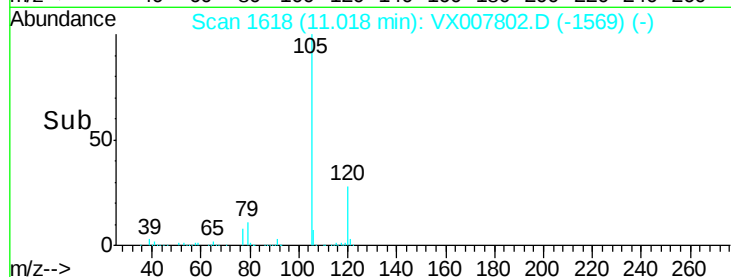
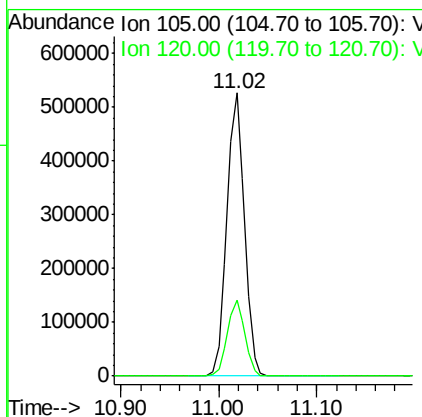
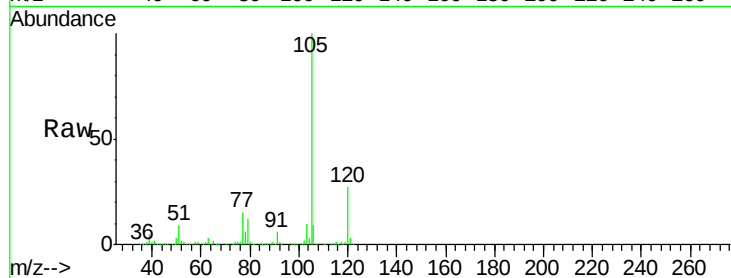
#73
Isopropylbenzene
Concen: 45.072 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX007802.D
Acq: 01 Mar 2019 20:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.9	13.6	40.7

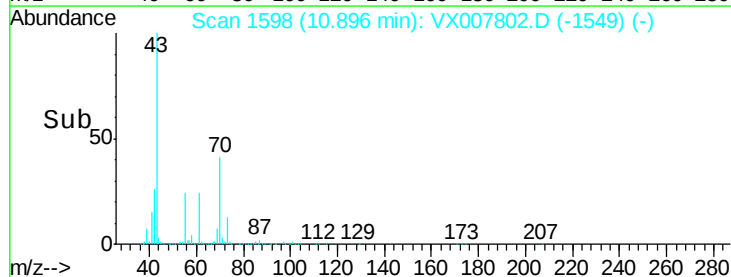
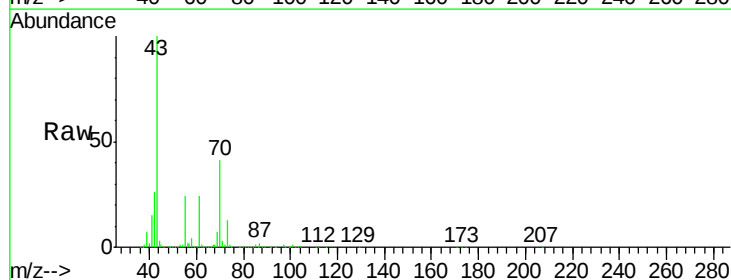
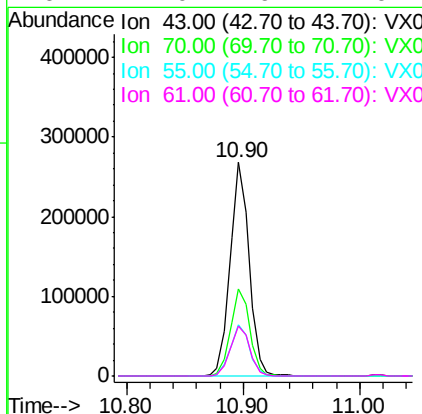
Manual Integrations
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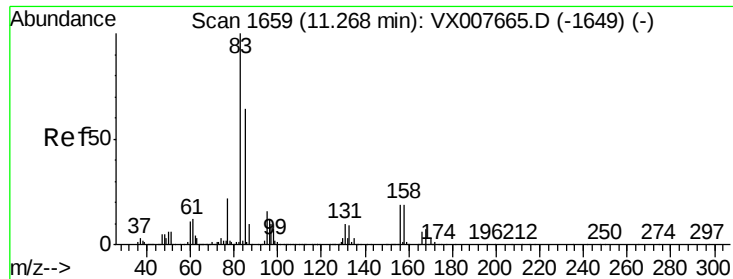
MMDadoda
3/4/2019 1:36:29 PM



#74
N-ethyl acetate
Concen: 47.965 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX007802.D
Acq: 01 Mar 2019 20:46

Tgt Ion	Ratio	Lower	Upper
43	100		
70	41.6	33.8	50.6
55	24.4	19.5	29.3
61	24.0	19.4	29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 43.862 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007802.D

Acq: 01 Mar 2019 20:46

Instrument :

MSVOA_X

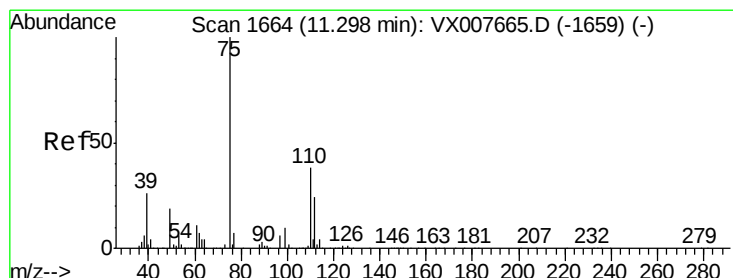
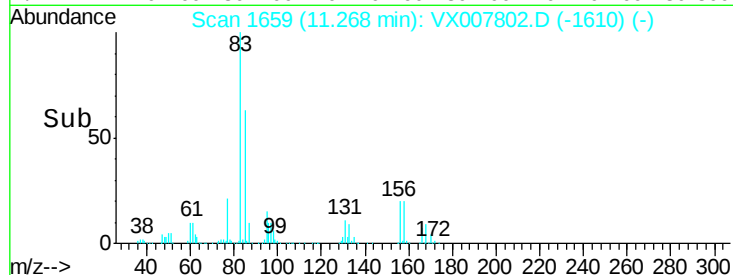
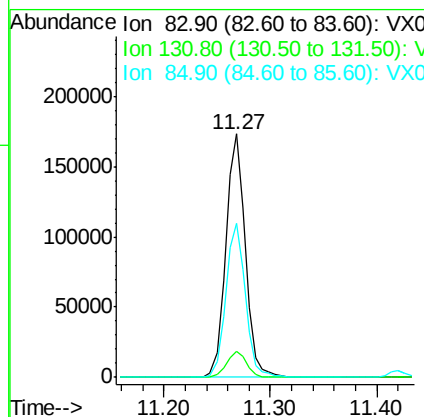
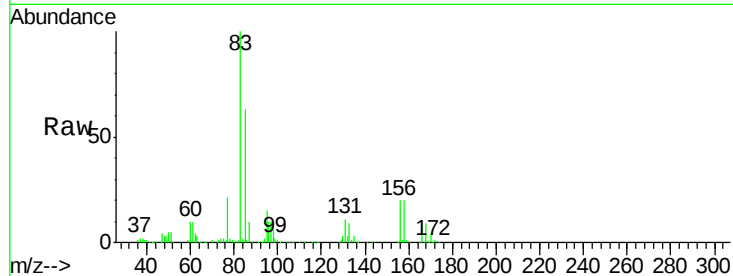
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	221159
Ion Ratio	Lower	Upper	
83	100		
131	10.8	5.7	17.0
85	64.0	32.8	98.3

Manual Integrations
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3/4/2019 1:36:29 PM



#76

1,2,3-Trichloropropane

Concen: 48.944 ug/l m

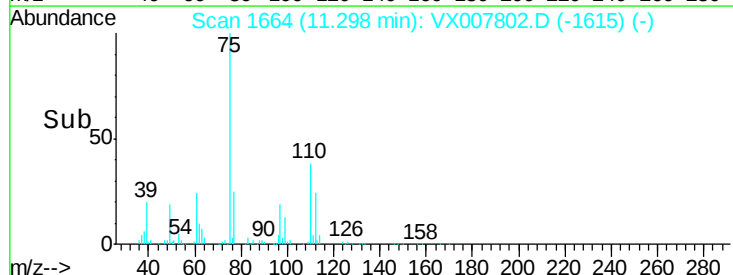
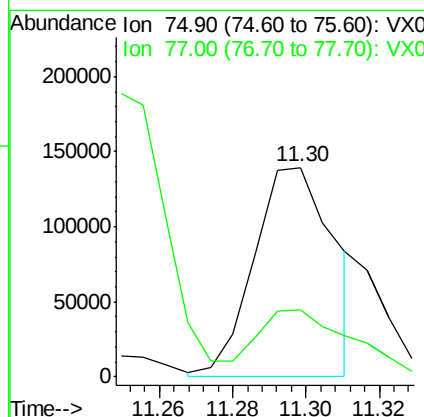
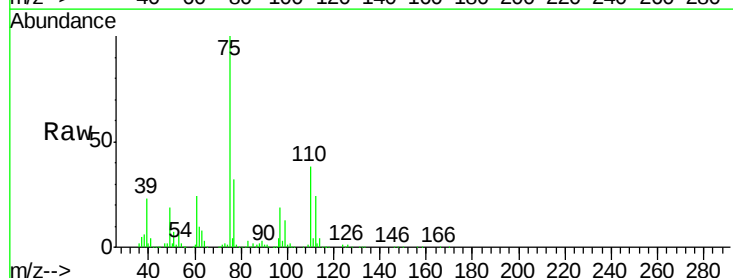
RT: 11.30 min Scan# 1664

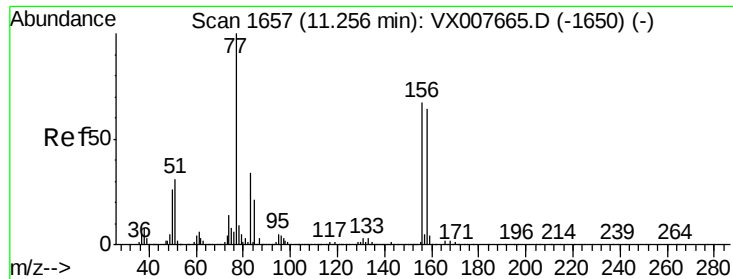
Delta R.T. -0.00 min

Lab File: VX007802.D

Acq: 01 Mar 2019 20:46

Tgt Ion:	75	Resp:	212799
Ion Ratio	Lower	Upper	
75	100		
77	39.1	23.0	69.0





#77

Bromobenzene

Concen: 48.026 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007802.D

Acq: 01 Mar 2019 20:46

Instrument :

MSVOA_X

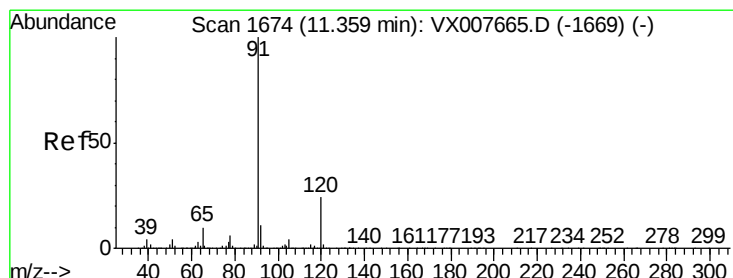
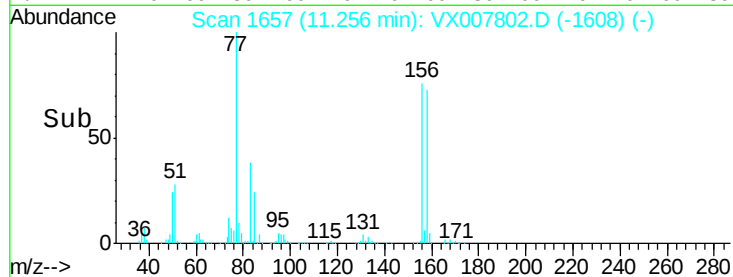
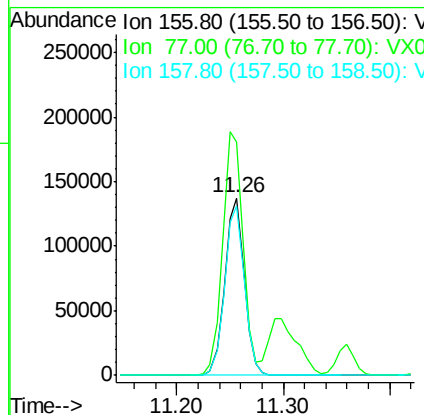
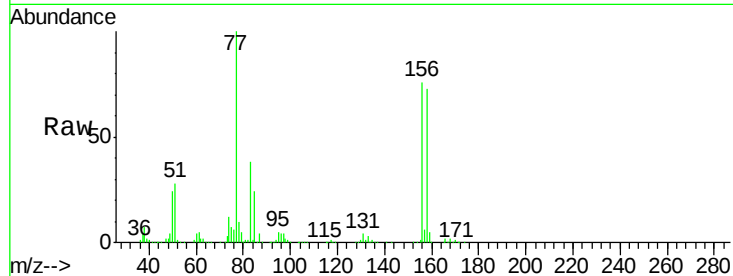
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	175610
Ion Ratio	Lower	Upper	
156	100		
77	143.0	66.8	200.6
158	96.9	47.9	143.8

Manual Integrations
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#78

n-propylbenzene

Concen: 44.777 ug/l

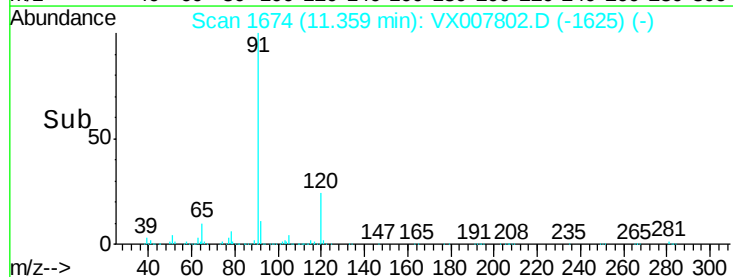
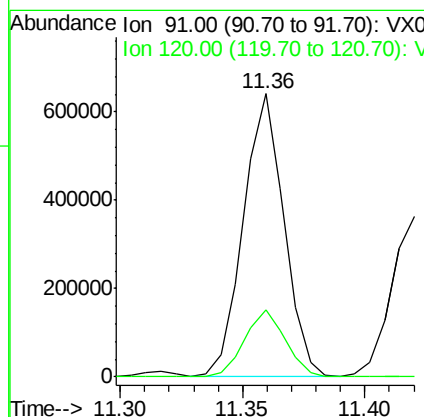
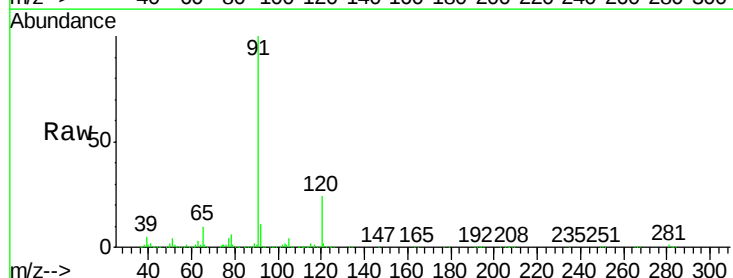
RT: 11.36 min Scan# 1674

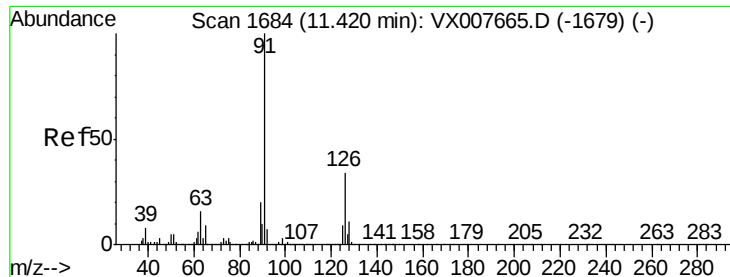
Delta R.T. -0.00 min

Lab File: VX007802.D

Acq: 01 Mar 2019 20:46

Tgt Ion:	91	Resp:	737648
Ion Ratio	Lower	Upper	
91	100		
120	23.8	12.4	37.2





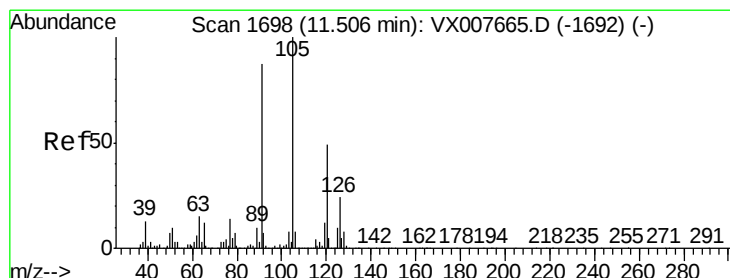
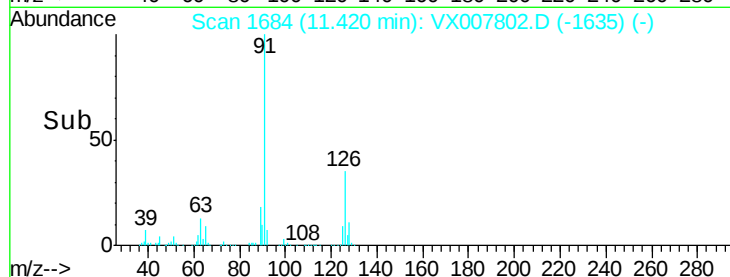
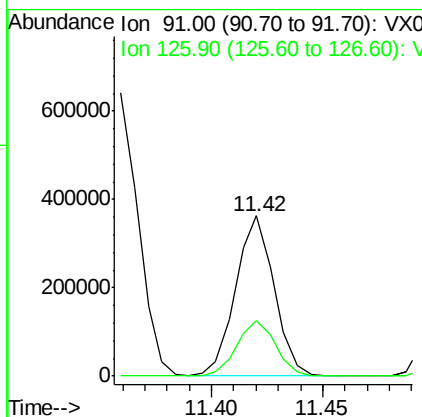
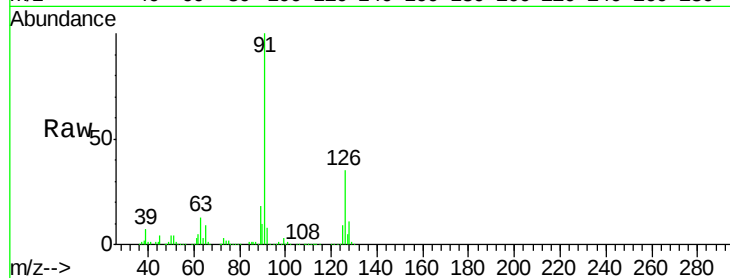
#79
2-Chlorotoluene
Concen: 44.101 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VX007802.D
Acq: 01 Mar 2019 20:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 437445
Ion Ratio Lower Upper
91 100
126 35.0 18.7 56.1

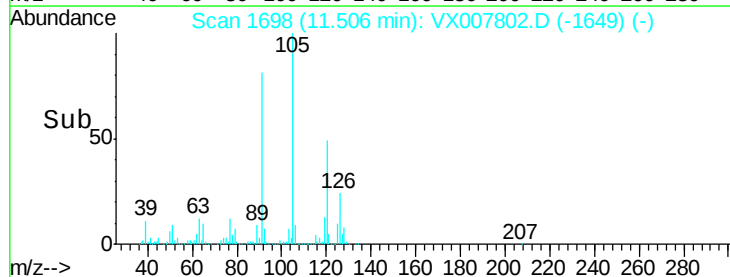
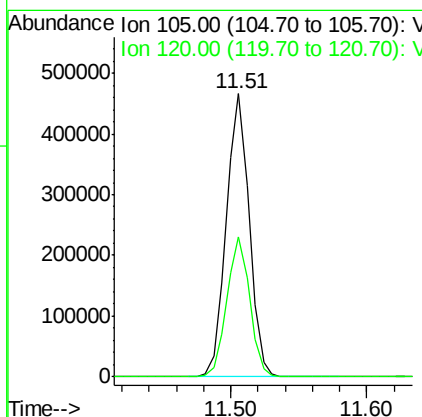
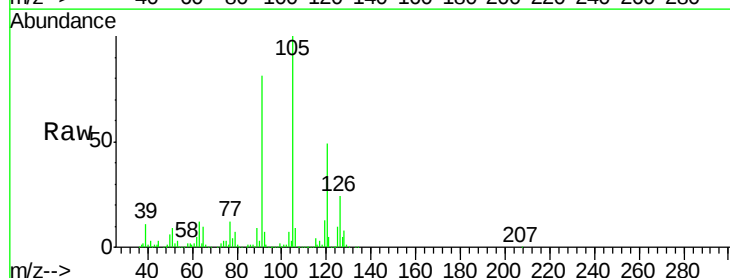
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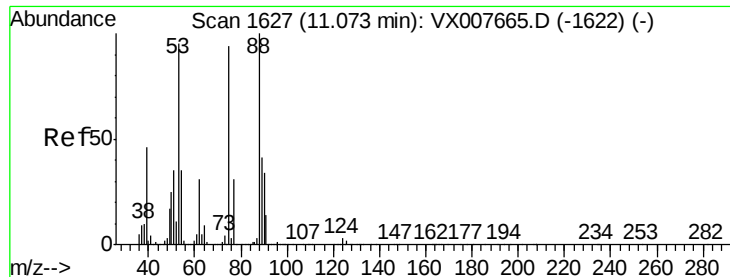
MMDadoda
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#80
1,3,5-Trimethylbenzene
Concen: 45.233 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX007802.D
Acq: 01 Mar 2019 20:46

Tgt Ion: 105 Resp: 542409
Ion Ratio Lower Upper
105 100
120 49.4 25.3 75.8





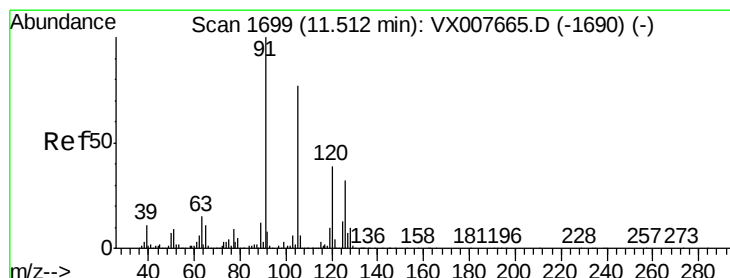
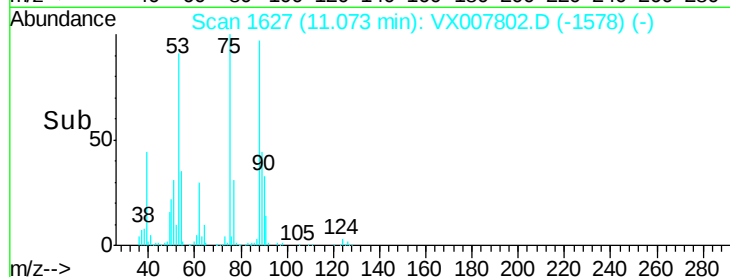
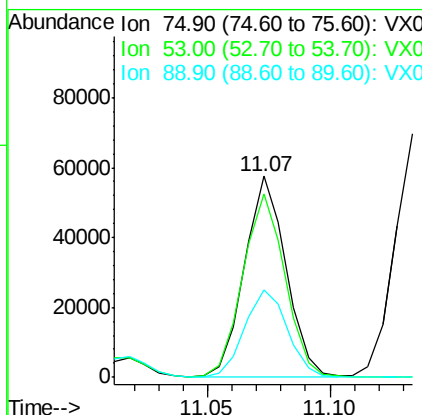
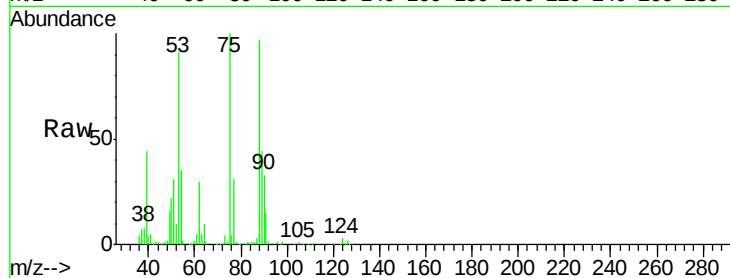
#81
trans-1,4-Dichloro-2-butene
Concen: 42.196 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX007802.D
Acq: 01 Mar 2019 20:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	93.1	81.0	121.6
89	45.5	41.4	62.0

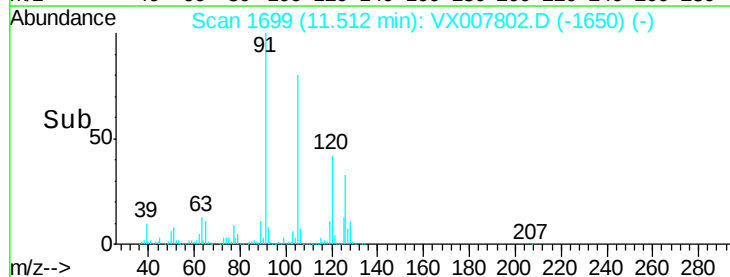
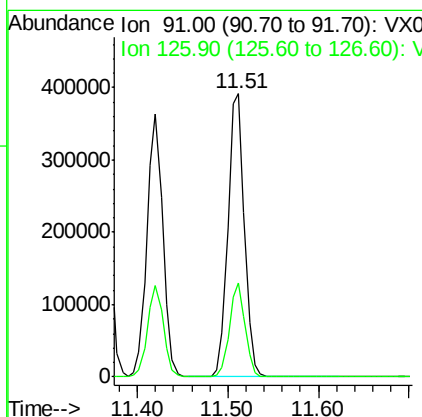
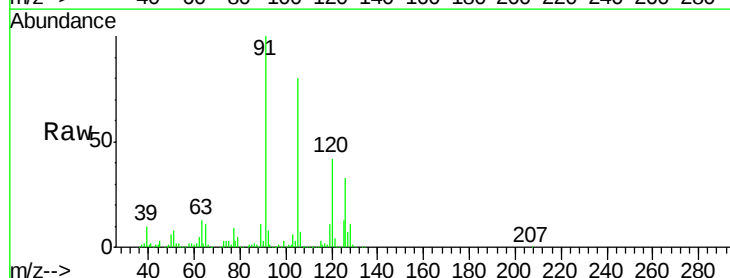
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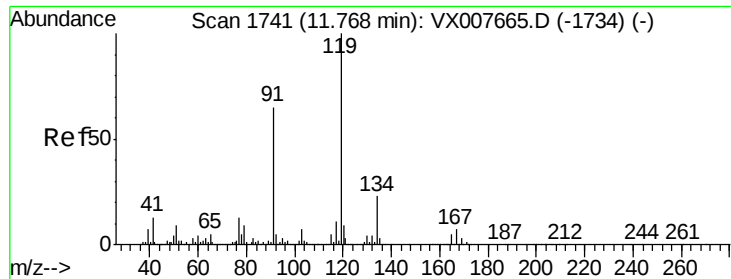
MMDadoda
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#82
4-Chlorotoluene
Concen: 43.284 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX007802.D
Acq: 01 Mar 2019 20:46

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.5	16.2	48.5





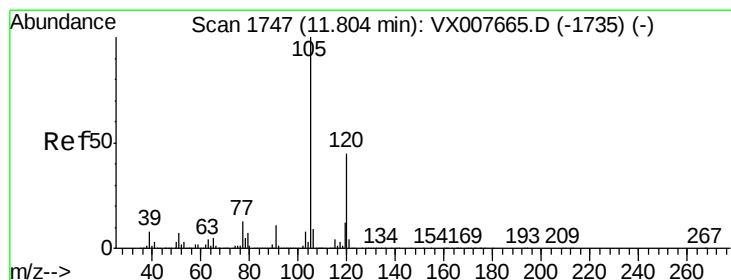
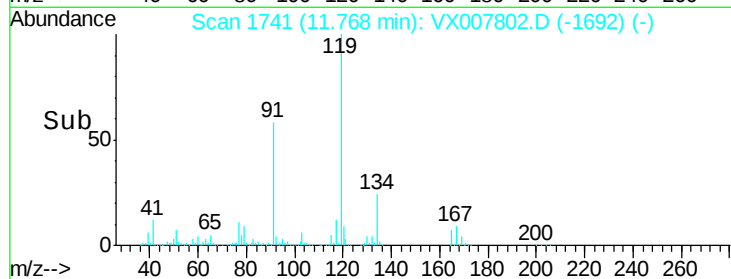
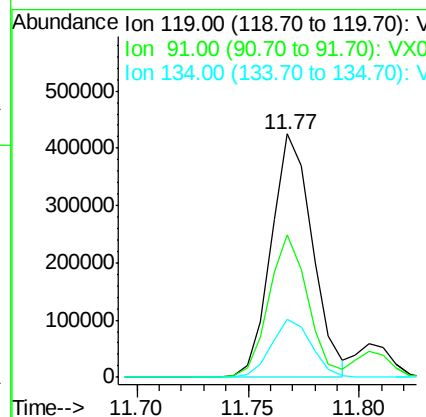
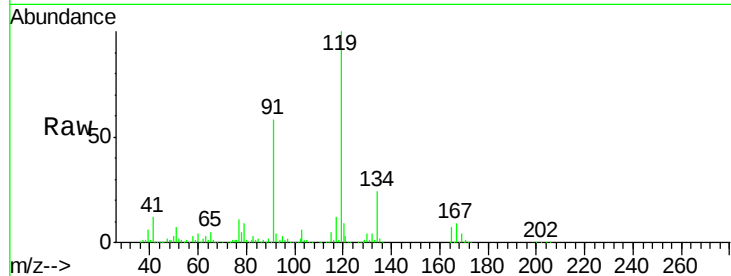
#83
tert-Butylbenzene
Concen: 47.390 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX007802.D
Acq: 01 Mar 2019 20:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	545626		
91	55.2	28.5	85.6	
134	23.2	12.0	36.0	

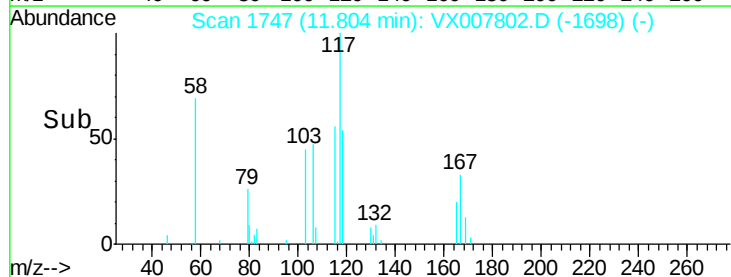
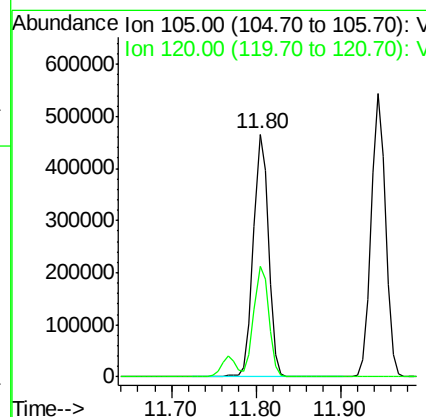
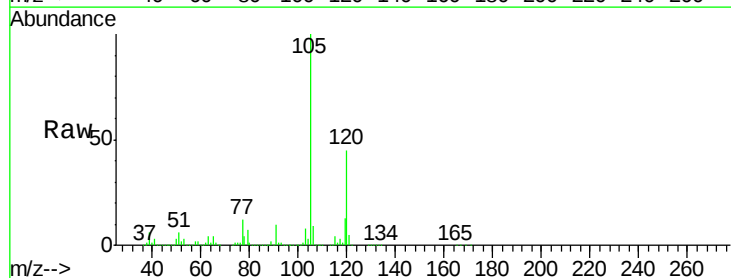
Manual Integrations
APPROVED

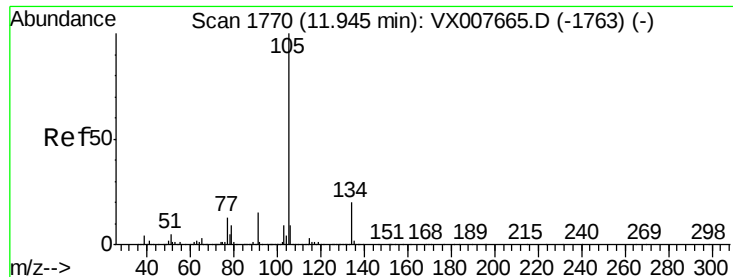
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 45.175 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX007802.D
Acq: 01 Mar 2019 20:46

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	554125		
120	45.3	23.1	69.3	





#85

sec-Butylbenzene

Concen: 44.945 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007802.D

Acq: 01 Mar 2019 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 648451

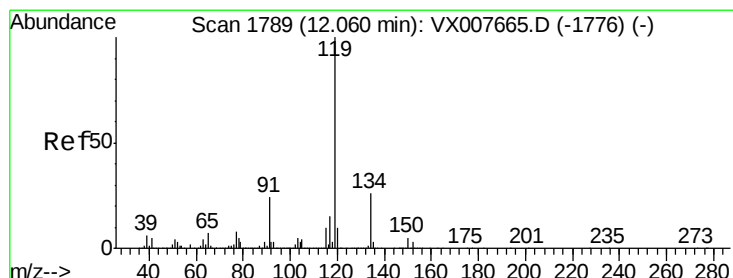
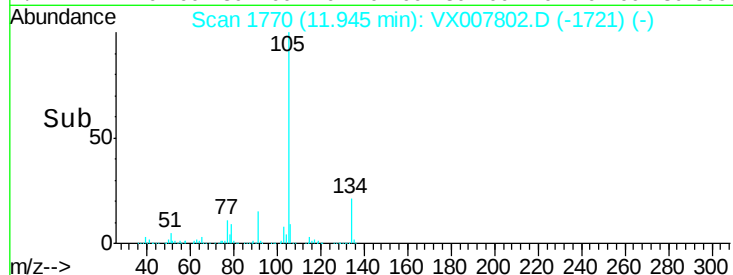
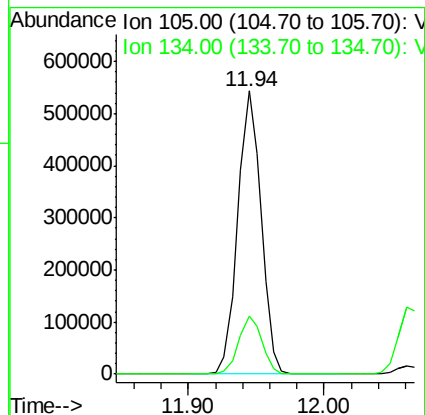
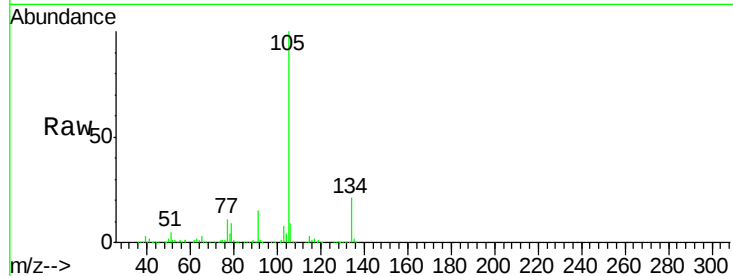
Ion Ratio Lower Upper

105 100

134 20.6 10.6 31.8

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 45.952 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007802.D

Acq: 01 Mar 2019 20:46

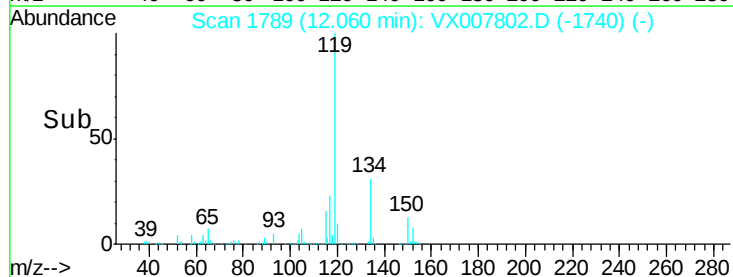
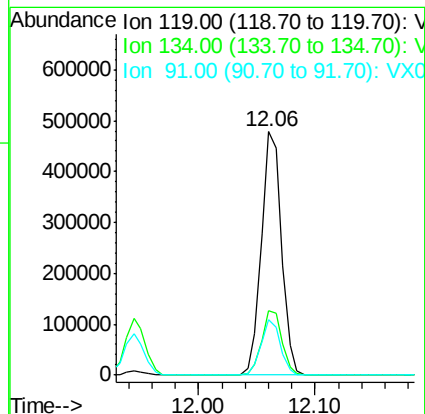
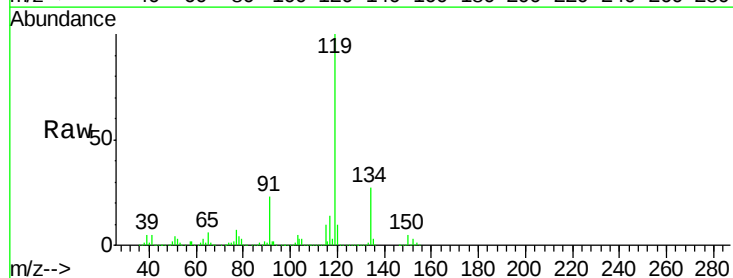
Tgt Ion:119 Resp: 580615

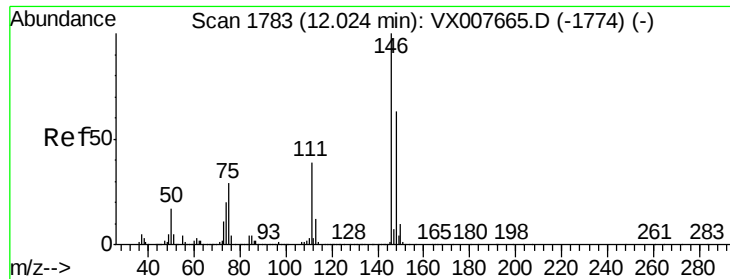
Ion Ratio Lower Upper

119 100

134 26.7 13.7 41.1

91 21.9 11.2 33.5





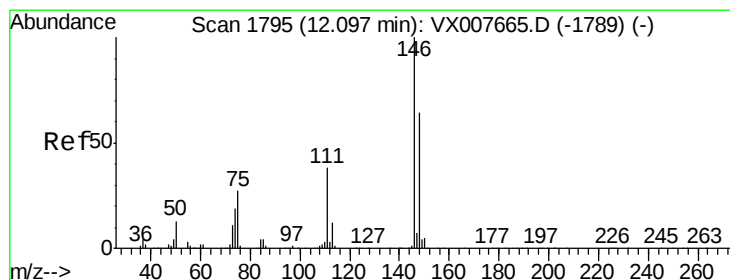
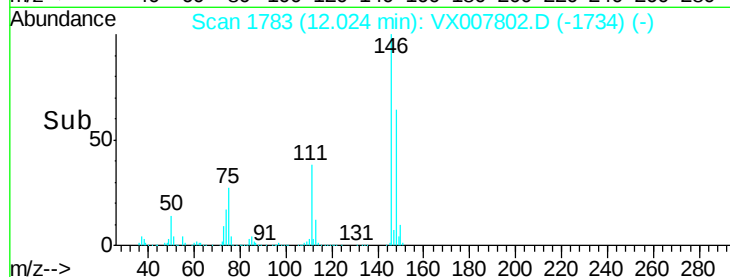
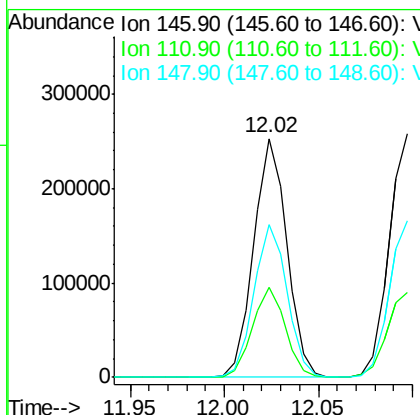
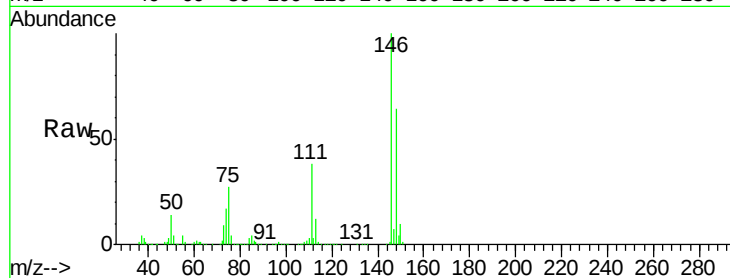
#87
 1,3-Dichlorobenzene
 Concen: 45.466 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007802.D
 Acq: 01 Mar 2019 20:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.1	54.1
148	64.0	32.0	96.2

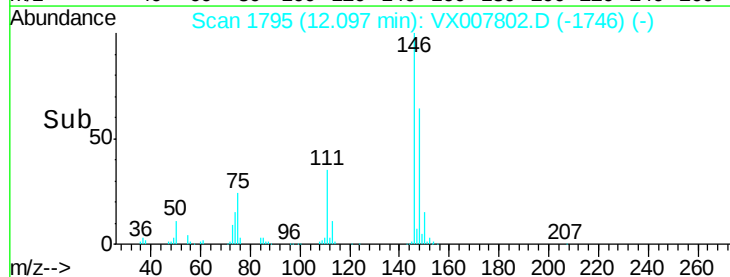
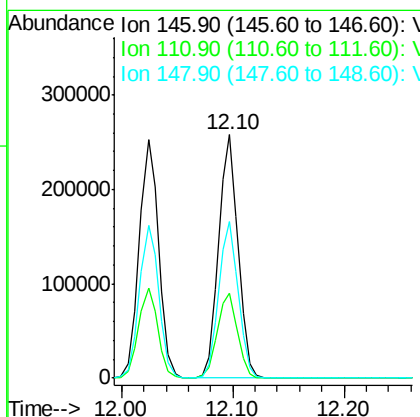
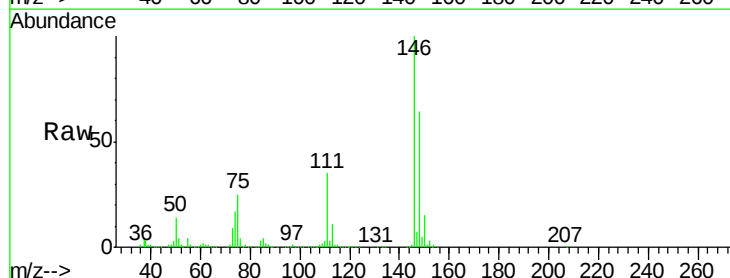
Manual Integrations
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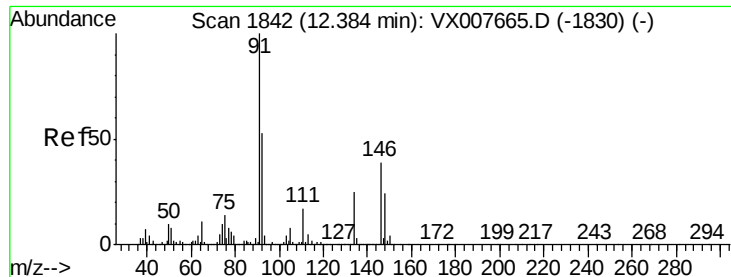
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#88
 1,4-Dichlorobenzene
 Concen: 44.600 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007802.D
 Acq: 01 Mar 2019 20:46

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.6	18.1	54.1
148	64.7	32.3	96.9





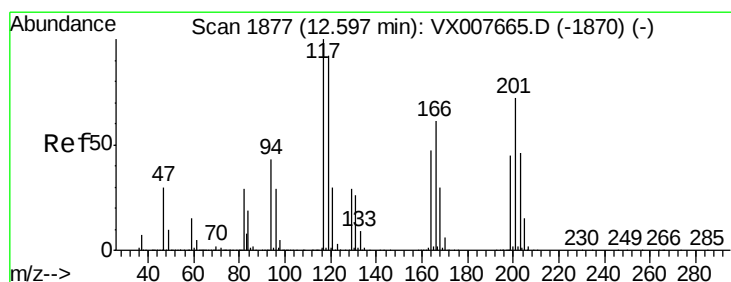
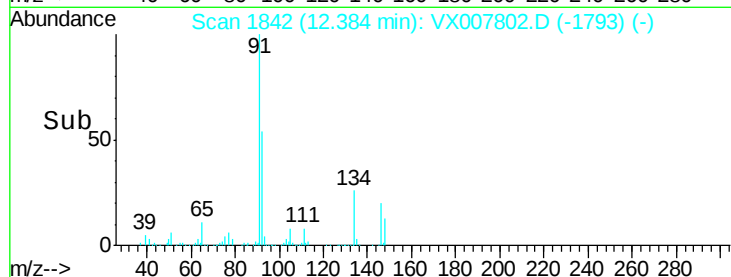
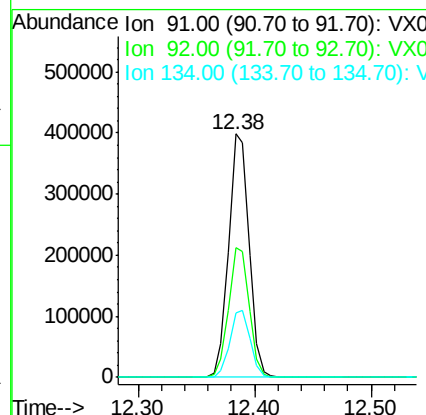
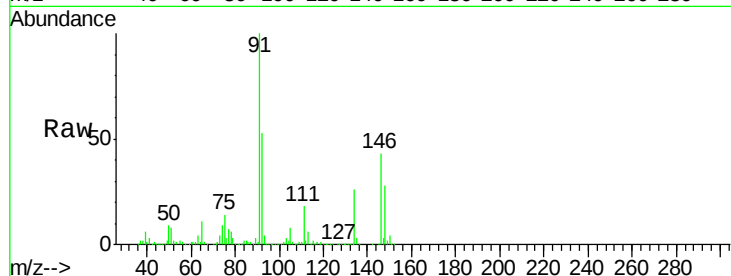
#89
n-Butylbenzene
Concen: 42.772 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX007802.D
Acq: 01 Mar 2019 20:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.5	26.3	78.9
134	27.5	13.9	41.6

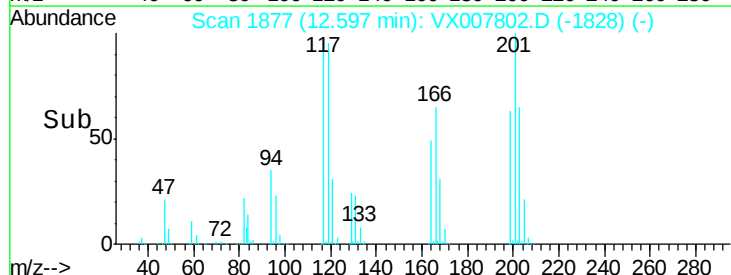
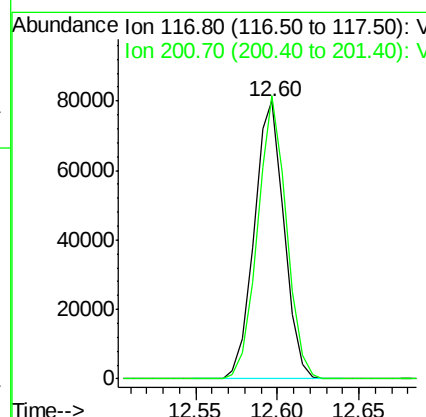
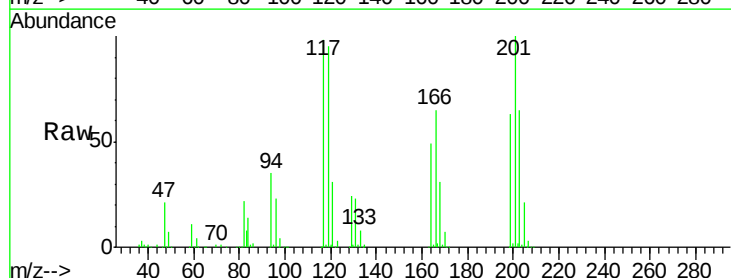
Manual Integrations
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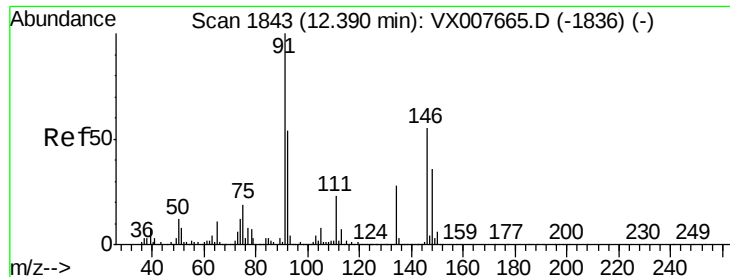
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#90
Hexachloroethane
Concen: 47.801 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX007802.D
Acq: 01 Mar 2019 20:46

Tgt Ion	Ratio	Lower	Upper
117	100		
201	97.8	44.9	134.7





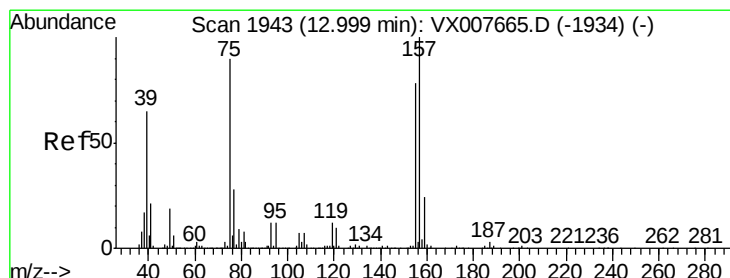
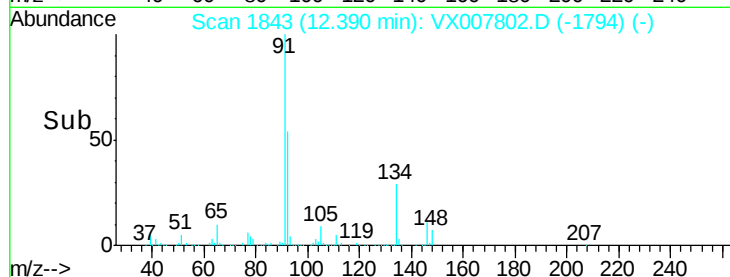
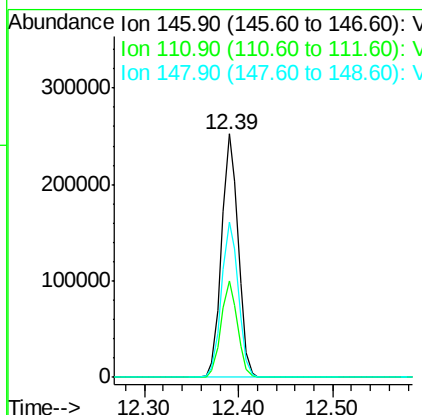
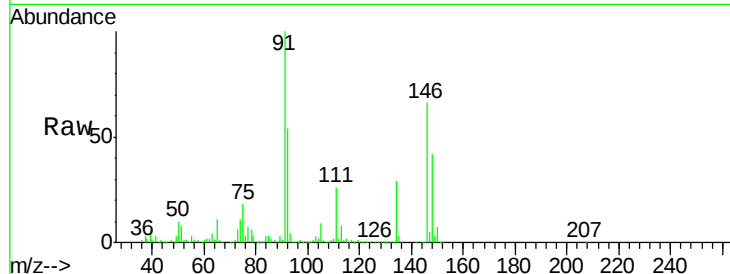
#91
 1,2-Dichlorobenzene
 Concen: 45.578 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX007802.D
 Acq: 01 Mar 2019 20:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.1	57.3
148	64.5	32.1	96.3

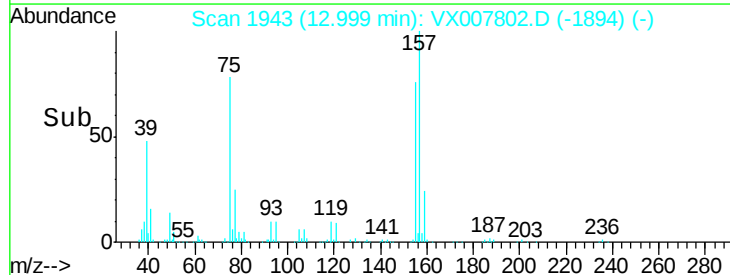
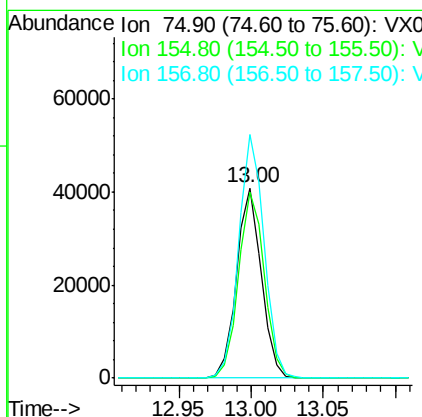
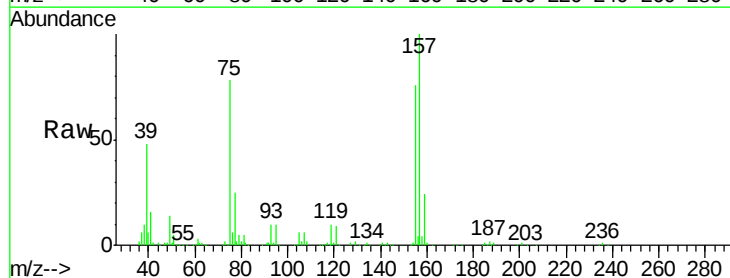
Manual Integrations
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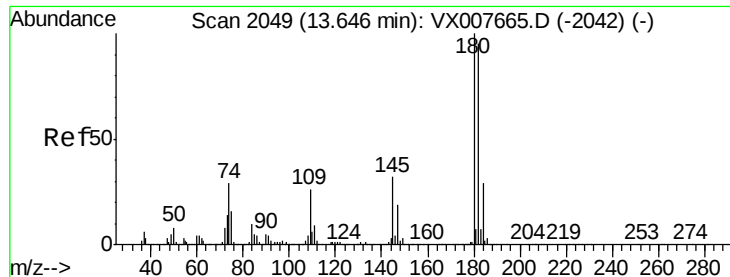
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.567 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX007802.D
 Acq: 01 Mar 2019 20:46

Tgt Ion	Ratio	Lower	Upper
75	100		
155	101.3	49.6	149.0
157	130.5	65.1	195.3





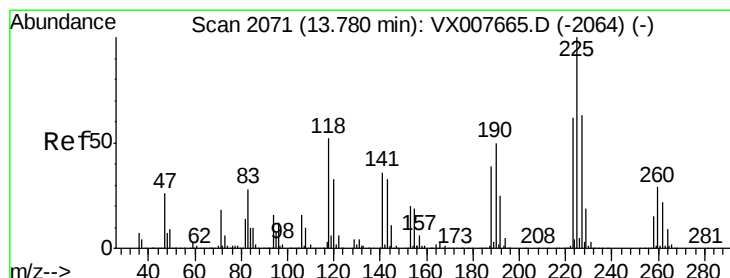
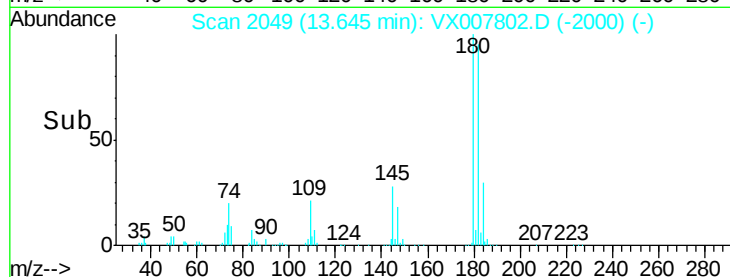
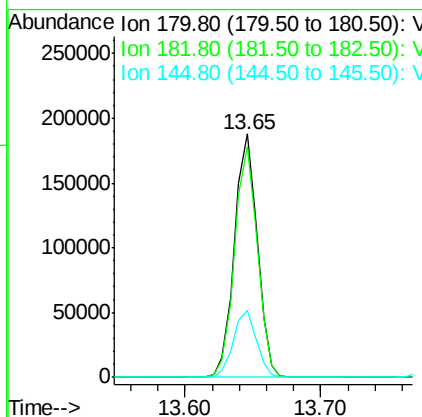
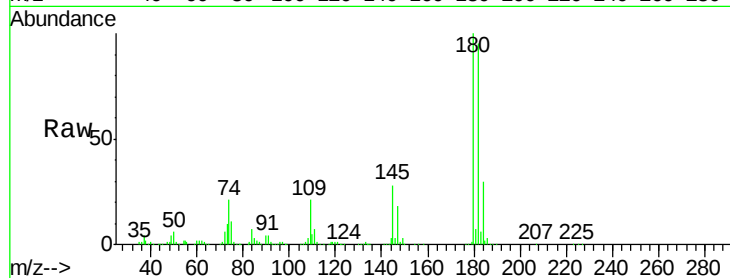
#93
 1,2,4-Trichlorobenzene
 Concen: 53.220 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007802.D
 Acq: 01 Mar 2019 20:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	220465		
182	95.0	47.8	143.3	
145	27.9	14.1	42.2	

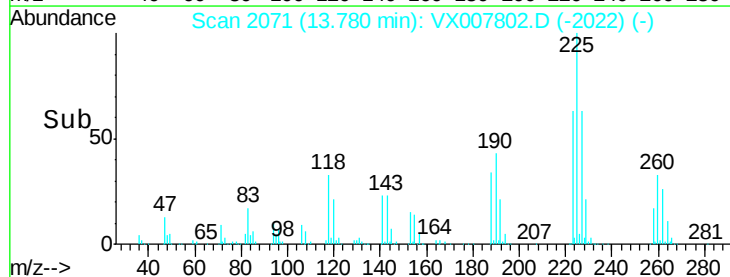
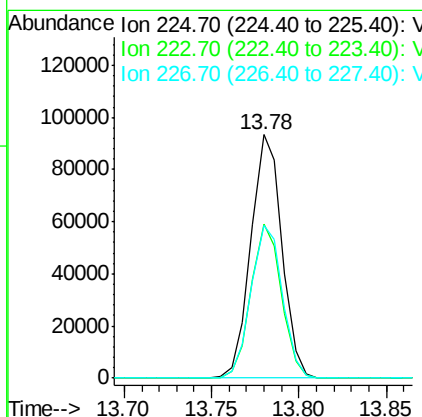
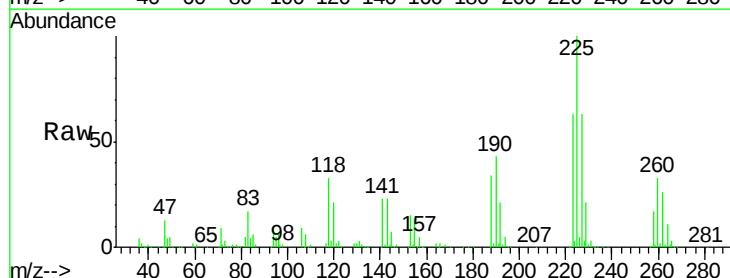
Manual Integrations
 APPROVED

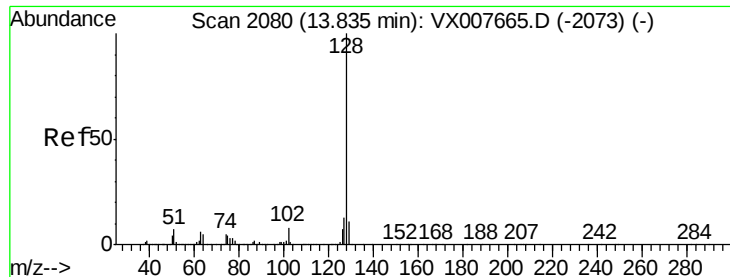
MMDadoda
 3/4/2019 1:36:29 PM



#94
 Hexachlorobutadiene
 Concen: 60.637 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX007802.D
 Acq: 01 Mar 2019 20:46

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	114910		
223	62.3	31.6	94.8	
227	63.6	32.1	96.3	





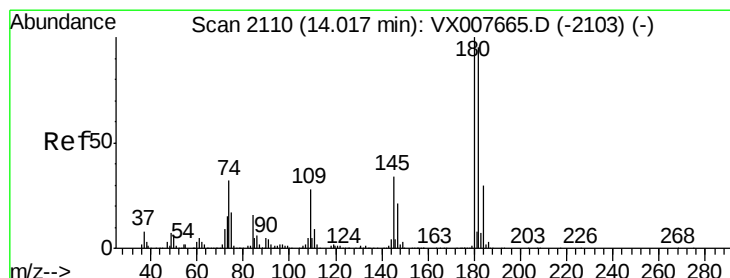
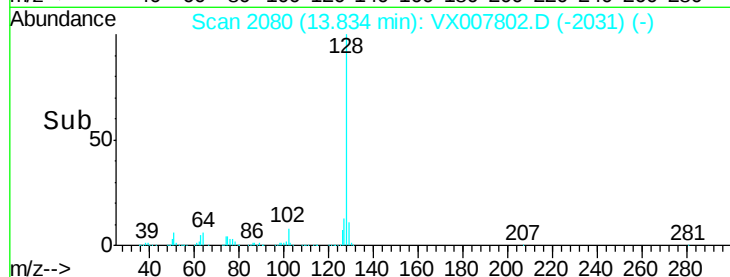
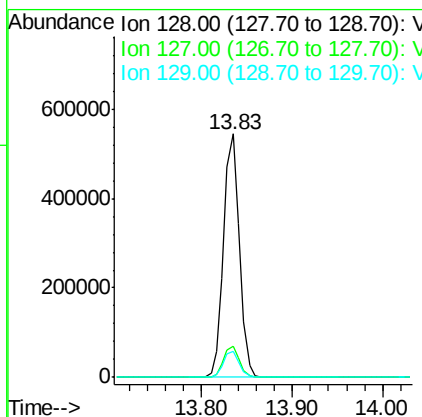
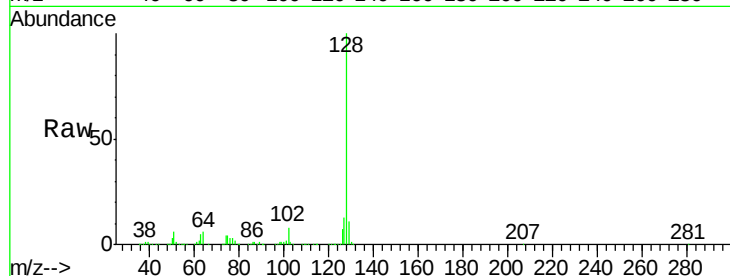
#95
Naphthalene
Concen: 49.257 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX007802.D
Acq: 01 Mar 2019 20:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.5	15.7
129	10.8	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
3/4/2019 1:36:29 PM



#96
1,2,3-Trichlorobenzene
Concen: 53.403 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX007802.D
Acq: 01 Mar 2019 20:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.5	142.6
145	29.8	14.9	44.5

