

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061419\
 Data File : VX010313.D
 Acq On : 14 Jun 2019 20:09
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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MMDadoda
 6/17/2019 10:35:51 AM

Quant Time: Jun 15 03:11:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	283850	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	426245	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	395172	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	201314	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	128036	46.21	ug/l	0.00
Spiked Amount			Recovery	=	92.42%	
35) Dibromofluoromethane	5.49	113	128874	49.02	ug/l	0.00
Spiked Amount			Recovery	=	98.04%	
50) Toluene-d8	8.71	98	483680	49.09	ug/l	0.00
Spiked Amount			Recovery	=	98.18%	
62) 4-Bromofluorobenzene	11.13	95	177410	48.21	ug/l	0.00
Spiked Amount			Recovery	=	96.42%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	130328	49.899	ug/l	100
3) Chloromethane	1.32	50	116237	44.813	ug/l	97
4) Vinyl Chloride	1.41	62	130357	53.472	ug/l	99
5) Bromomethane	1.64	94	43027	46.772	ug/l	96
6) Chloroethane	1.71	64	82543	67.157	ug/l	99
7) Trichlorofluoromethane	1.93	101	209165	57.761	ug/l	100
8) Diethyl Ether	2.19	74	73587	58.958	ug/l	76
9) 1,1,2-Trichlorotrifluoroet	2.38	101	121209	48.558	ug/l	92
10) Methyl Iodide	2.51	142	111258	28.767	ug/l	98
11) Tert butyl alcohol	3.05	59	164167	241.869	ug/l	99
12) 1,1-Dichloroethene	2.37	96	119761	46.973	ug/l #	77
13) Acrolein	2.29	56	27019	218.313	ug/l	99
14) Allyl chloride	2.73	41	178043	46.262	ug/l #	89
15) Acrylonitrile	3.14	53	352659	254.198	ug/l	98
16) Acetone	2.45	43	293850	225.488	ug/l #	85
17) Carbon Disulfide	2.57	76	293379	39.824	ug/l	99
18) Methyl Acetate	2.78	43	152455	53.195	ug/l #	83
19) Methyl tert-butyl Ether	3.20	73	398860	48.695	ug/l	93
20) Methylene Chloride	2.85	84	138934	48.545	ug/l #	80
21) trans-1,2-Dichloroethene	3.17	96	128106	45.403	ug/l #	77
22) Diisopropyl ether	3.85	45	374283	50.867	ug/l #	90
23) Vinyl Acetate	3.81	43	1626106	247.721	ug/l #	88
24) 1,1-Dichloroethane	3.70	63	214643	48.045	ug/l	94
25) 2-Butanone	4.67	43	479627	247.161	ug/l #	83
26) 2,2-Dichloropropane	4.59	77	169579	41.607	ug/l	92
27) cis-1,2-Dichloroethene	4.60	96	154722	49.292	ug/l	77
28) Bromochloromethane	5.02	49	101177	50.532	ug/l #	48
29) Tetrahydrofuran	5.13	42	303802	249.111	ug/l #	75
30) Chloroform	5.21	83	231998	50.002	ug/l	97
31) Cyclohexane	5.58	56	191386	47.467	ug/l #	75
32) 1,1,1-Trichloroethane	5.49	97	205543	47.123	ug/l	93
36) 1,1-Dichloropropene	5.81	75	161855	46.543	ug/l	91
37) Ethyl Acetate	4.84	43	177013	48.922	ug/l #	92
38) Carbon Tetrachloride	5.79	117	186101	47.280	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	7.46	83	213613	45.111	ug/l #	83
40) Benzene	6.14	78	531770	49.453	ug/l	98
41) Methacrylonitrile	5.04	41	97224	49.674	ug/l #	84
42) 1,2-Dichloroethane	6.20	62	164996	48.063	ug/l	93
43) Isopropyl Acetate	6.45	43	296036	48.934	ug/l #	89
44) Trichloroethene	7.21	130	157912	48.719	ug/l	87
45) 1,2-Dichloropropane	7.51	63	135836	50.470	ug/l	98
46) Dibromomethane	7.66	93	97372	48.291	ug/l	91
47) Bromodichloromethane	7.90	83	182489	48.434	ug/l #	98
48) Methyl methacrylate	7.77	41	141228	49.917	ug/l #	77
49) 1,4-Dioxane	7.74	88	73467	910.760	ug/l #	80
51) 4-Methyl-2-Pentanone	8.64	43	955513	264.386	ug/l	90
52) Toluene	8.79	92	351724	49.759	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	202202	46.397	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	218357	46.737	ug/l #	88
55) 1,1,2-Trichloroethane	9.21	97	149150	51.522	ug/l	97
56) Ethyl methacrylate	9.18	69	230102	50.319	ug/l #	83
57) 1,3-Dichloropropane	9.37	76	230567	50.591	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	529395	245.572	ug/l #	86
59) 2-Hexanone	9.49	43	735506	255.247	ug/l	88
60) Dibromochloromethane	9.58	129	168474	49.202	ug/l	100
61) 1,2-Dibromoethane	9.67	107	160336	49.730	ug/l	99
64) Tetrachloroethene	9.34	164	149577	50.963	ug/l	99
65) Chlorobenzene	10.13	112	406004	49.780	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	154298	49.194	ug/l	100
67) Ethyl Benzene	10.25	91	683488	49.227	ug/l	94
68) m/p-Xylenes	10.36	106	530287	98.697	ug/l	89
69) o-Xylene	10.69	106	263044	49.251	ug/l	88
70) Styrene	10.71	104	448906	49.627	ug/l	95
71) Bromoform	10.85	173	136223	47.244	ug/l #	99
73) Isopropylbenzene	11.02	105	692467	49.275	ug/l	95
74) N-amyl acetate	10.90	43	271796	48.927	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.27	83	235554	48.967	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	189307m	47.013	ug/l	
77) Bromobenzene	11.26	156	190405	49.270	ug/l	81
78) n-propylbenzene	11.36	91	764943	48.894	ug/l	95
79) 2-Chlorotoluene	11.42	91	453409	48.254	ug/l	90
80) 1,3,5-Trimethylbenzene	11.51	105	573147	48.422	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	78851	43.265	ug/l	85
82) 4-Chlorotoluene	11.51	91	521557	48.863	ug/l	91
83) tert-Butylbenzene	11.77	119	581141	48.509	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	581667	48.651	ug/l	97
85) sec-Butylbenzene	11.94	105	682824	48.922	ug/l	96
86) p-Isopropyltoluene	12.06	119	627854	49.207	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	337119	49.525	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	331800	48.354	ug/l	97
89) n-Butylbenzene	12.38	91	533207	48.547	ug/l	97
90) Hexachloroethane	12.60	117	113830	44.784	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	332915	50.307	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	49452	43.686	ug/l	67

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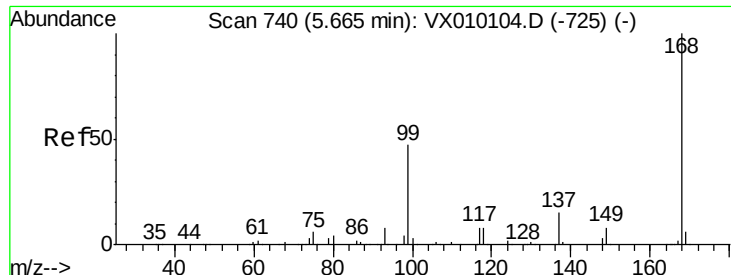
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	233722	48.249	ug/l	100
94) Hexachlorobutadiene	13.78	225	107914	50.092	ug/l	99
95) Naphthalene	13.83	128	738951	48.460	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	231392	48.312	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010313.D

Acq: 14 Jun 2019 20:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 283850

Ion Ratio Lower Upper

168 100

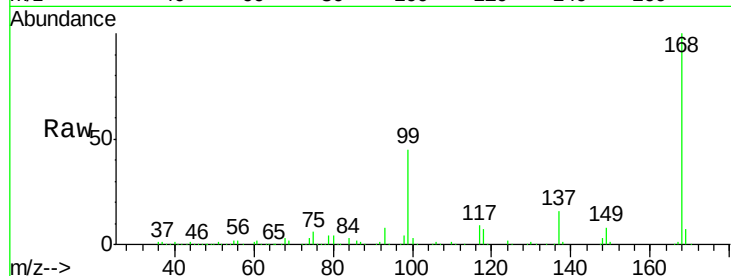
99 44.9 43.0 64.6

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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

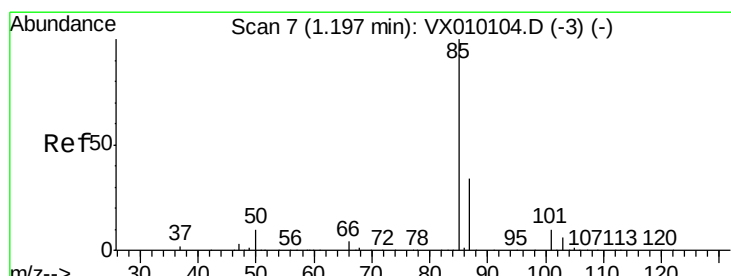
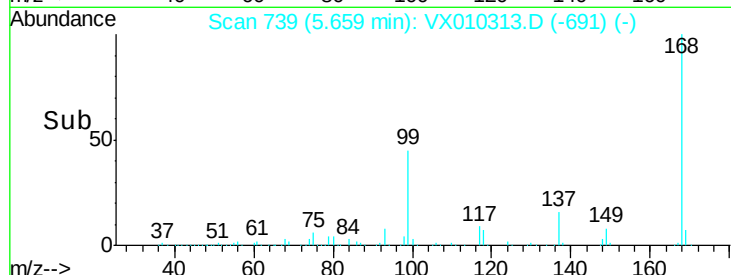
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 49.899 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX010313.D

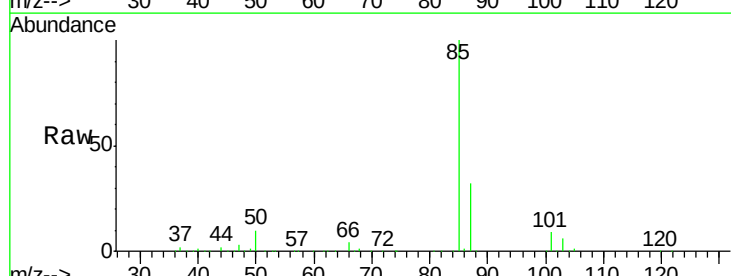
Acq: 14 Jun 2019 20:09

Tgt Ion: 85 Resp: 130328

Ion Ratio Lower Upper

85 100

87 32.1 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

150000

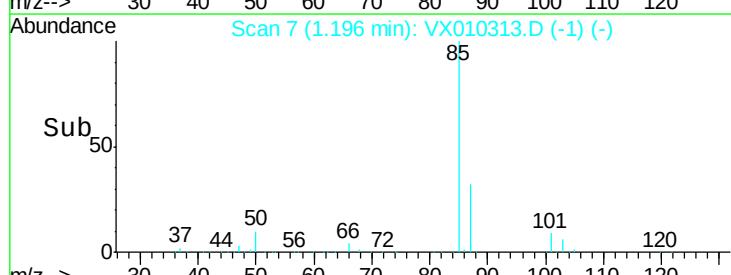
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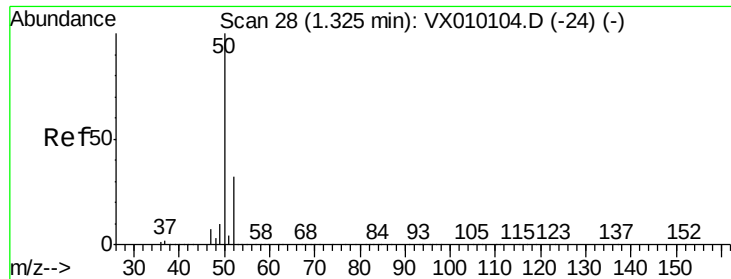
50000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 44.813 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX010313.D

Acq: 14 Jun 2019 20:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 116237

Ion Ratio Lower Upper

50 100

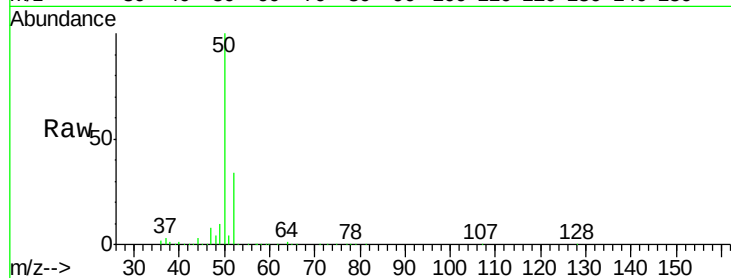
52 34.2 26.0 39.0

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

120000

100000

80000

60000

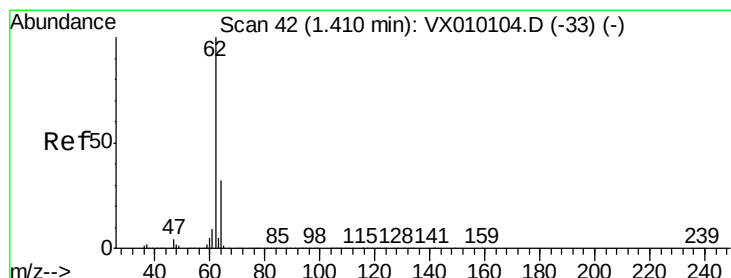
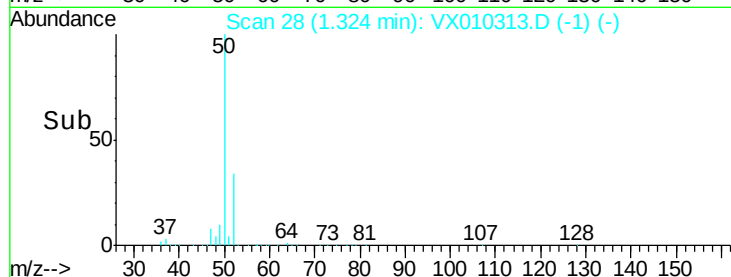
40000

20000

0

1.30 1.35 1.40

Time-->



#4

Vinyl Chloride

Concen: 53.472 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010313.D

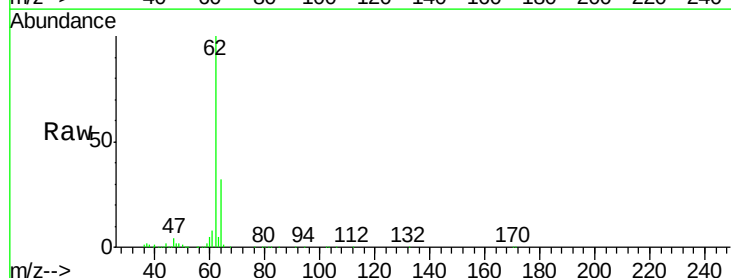
Acq: 14 Jun 2019 20:09

Tgt Ion: 62 Resp: 130357

Ion Ratio Lower Upper

62 100

64 31.4 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

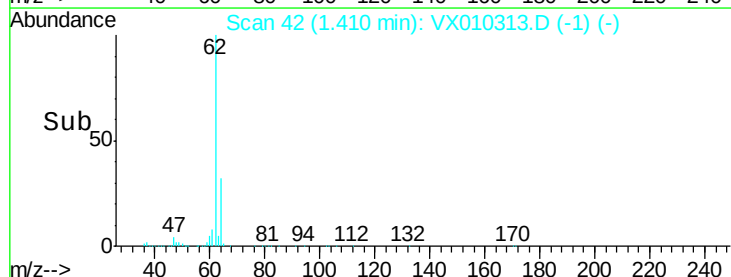
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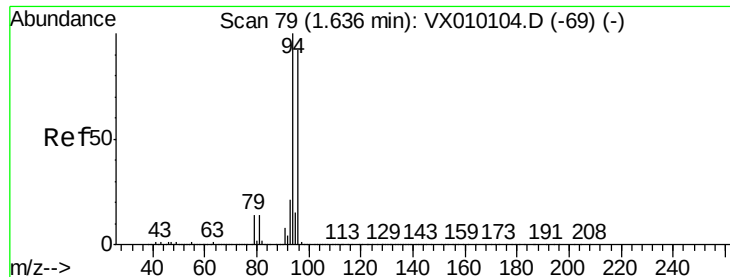
50000

0

1.30 1.35 1.40 1.45 1.50

Time-->





#5

Bromomethane

Concen: 46.772 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX010313.D

Acq: 14 Jun 2019 20:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 43027

Ion Ratio Lower Upper

94 100

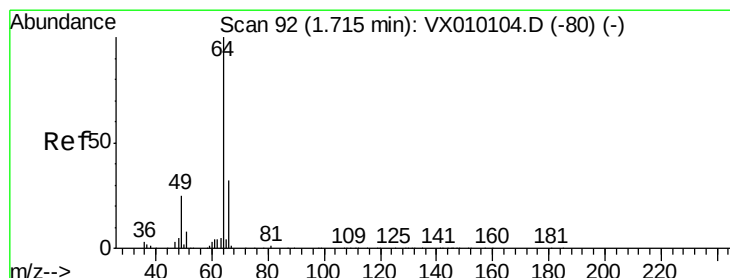
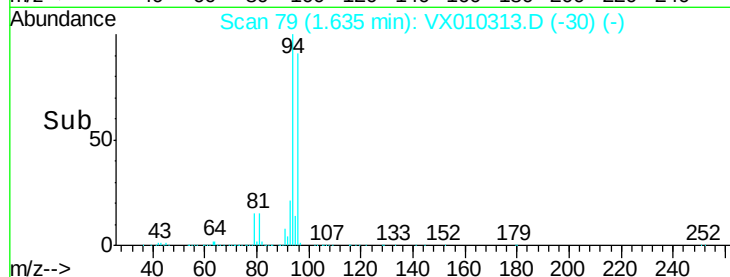
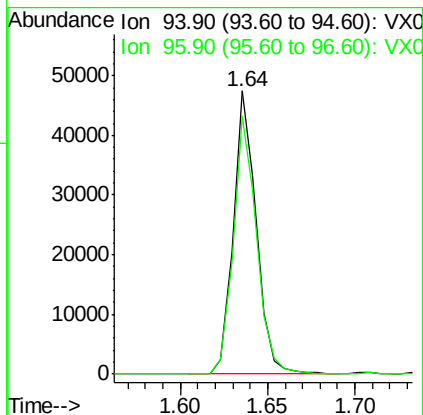
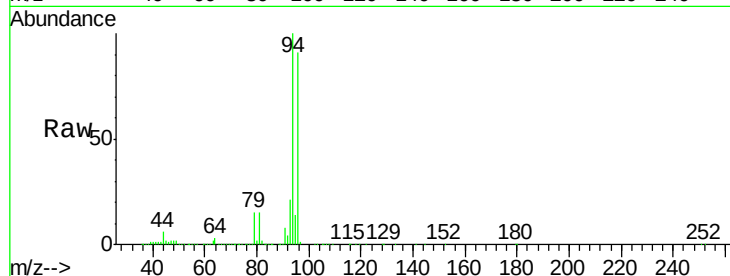
96 91.3 76.2 114.4

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#6

Chloroethane

Concen: 67.157 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010313.D

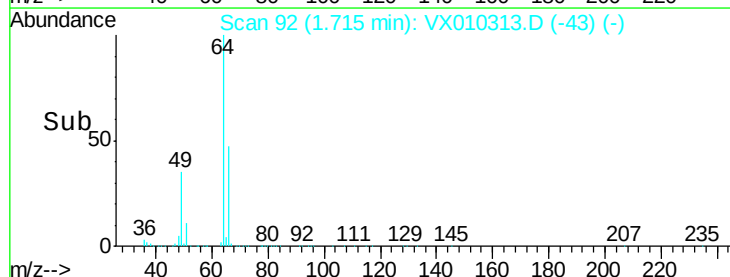
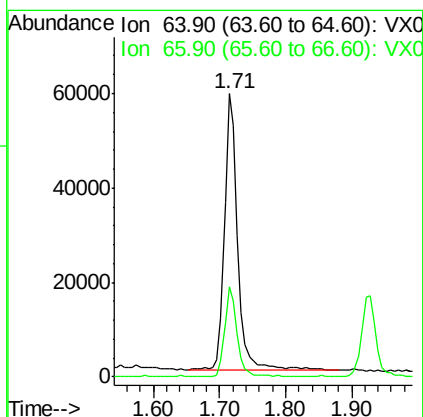
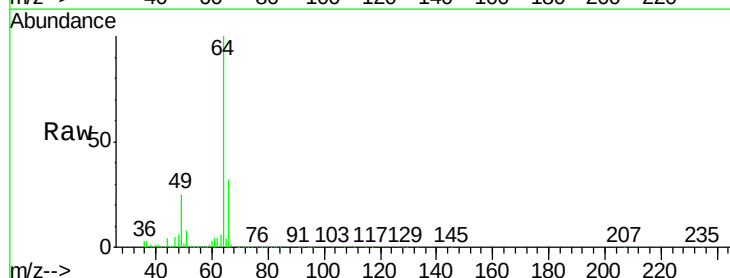
Acq: 14 Jun 2019 20:09

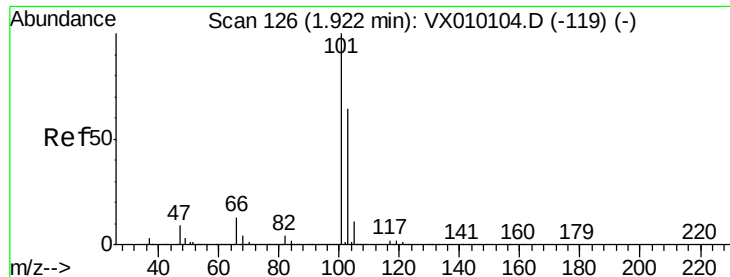
Tgt Ion: 64 Resp: 82543

Ion Ratio Lower Upper

64 100

66 32.0 25.1 37.7





#7

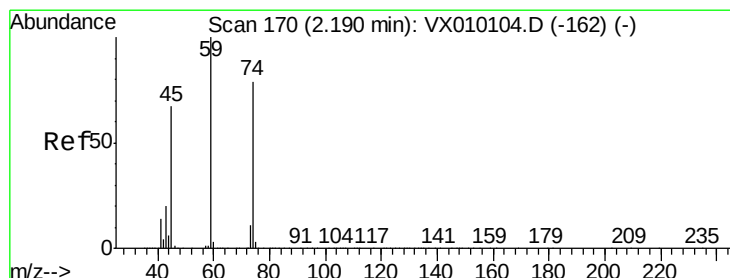
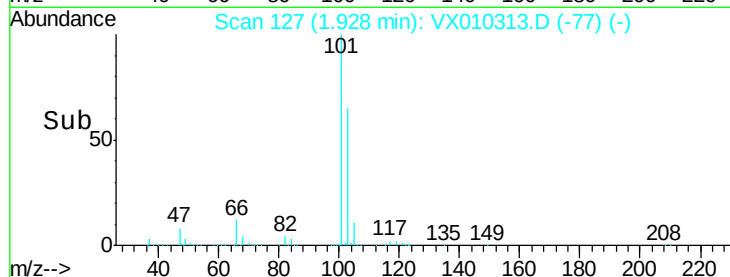
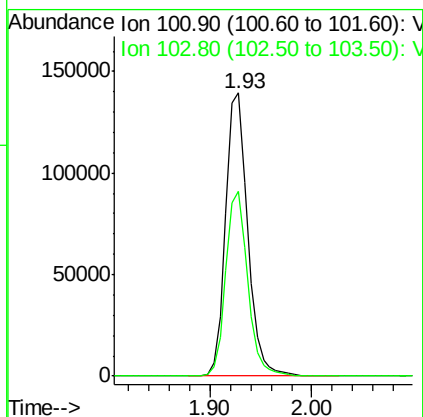
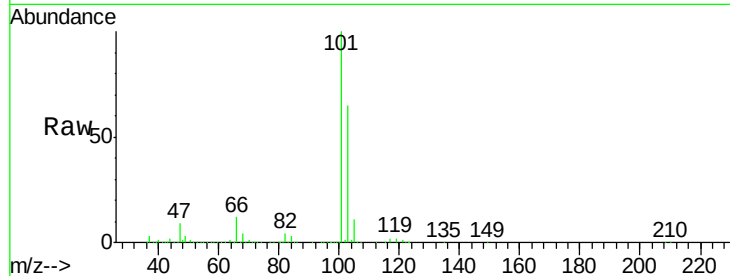
Trichlorofluoromethane
Concen: 57.761 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX010313.D
Acq: 14 Jun 2019 20:09

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.2	52.2	78.4

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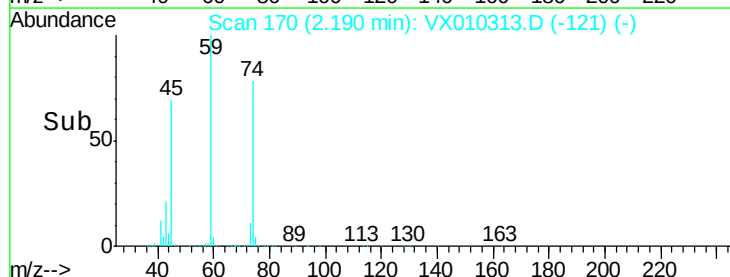
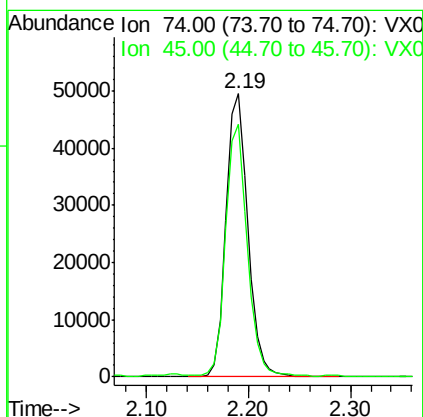
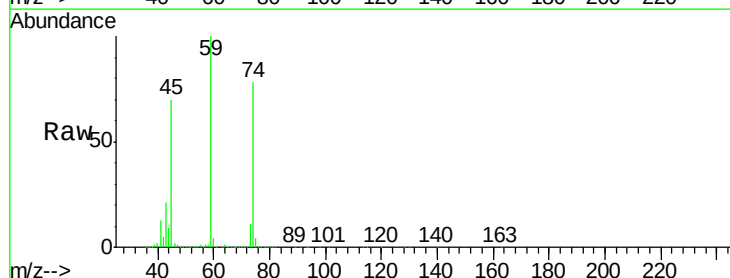
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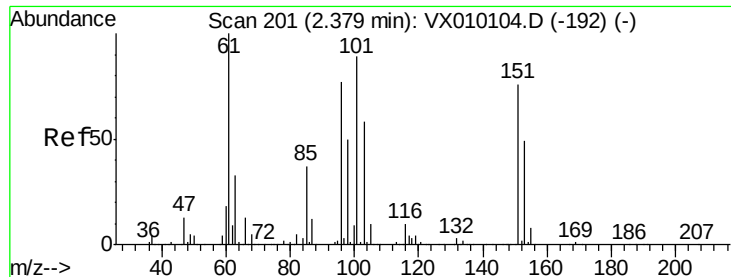


#8

Diethyl Ether
Concen: 58.958 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX010313.D
Acq: 14 Jun 2019 20:09

Tgt Ion	Ratio	Lower	Upper
74	100		
45	86.8	56.1	168.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.558 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX010313.D

Acq: 14 Jun 2019 20:09

Instrument :

MSVOA_X

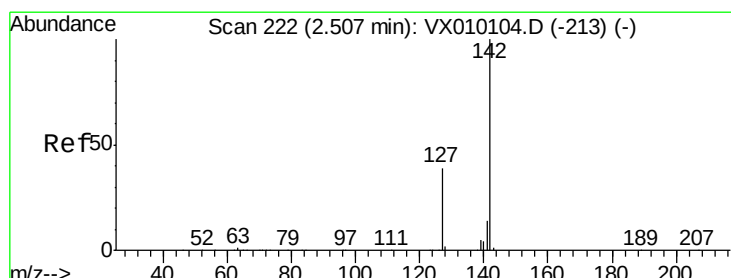
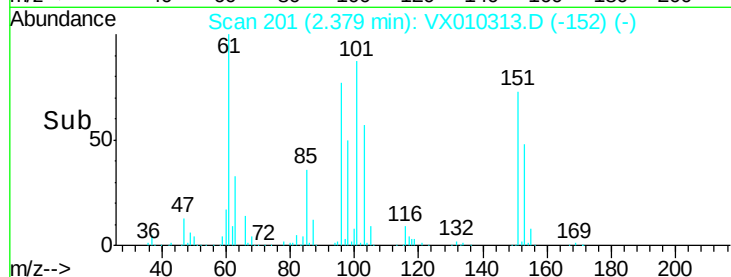
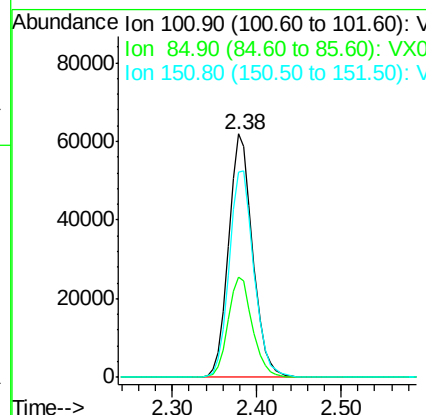
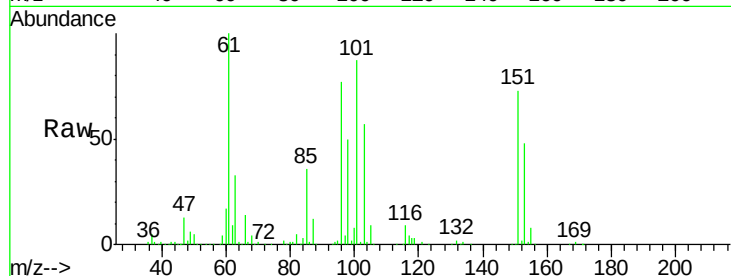
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	121209
Ion Ratio	Lower	Upper	
101	100		
85	41.7	35.2	52.8
151	86.9	61.9	92.9

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#10

Methyl Iodide

Concen: 28.767 ug/l

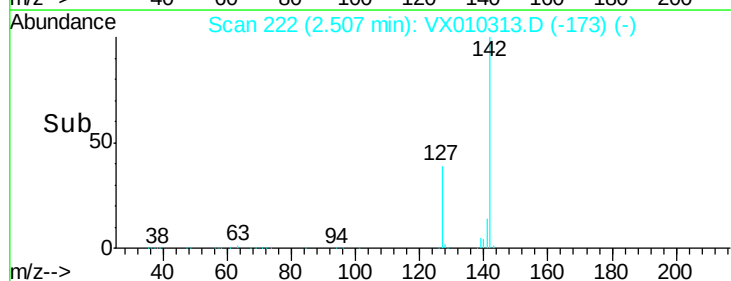
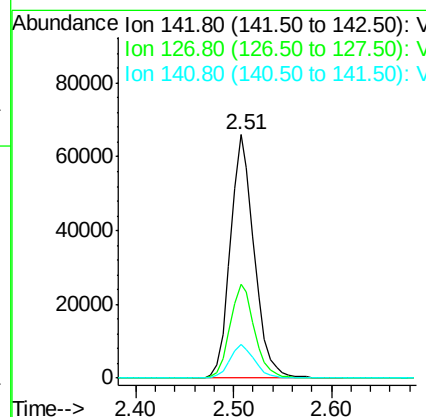
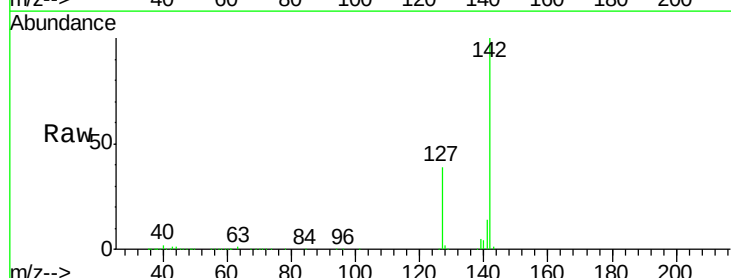
RT: 2.51 min Scan# 222

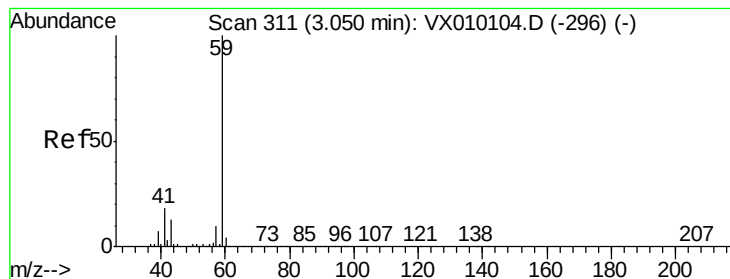
Delta R.T. -0.00 min

Lab File: VX010313.D

Acq: 14 Jun 2019 20:09

Tgt Ion:	142	Resp:	111258
Ion Ratio	Lower	Upper	
142	100		
127	39.8	33.0	49.4
141	14.3	11.4	17.0





#11

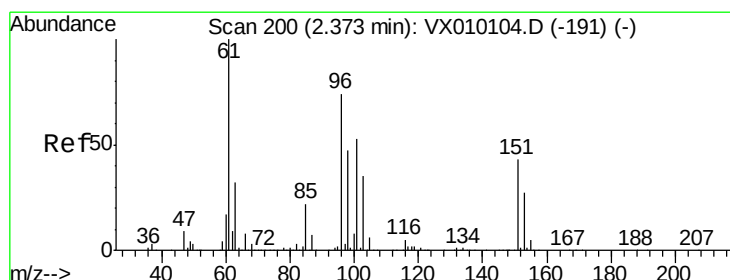
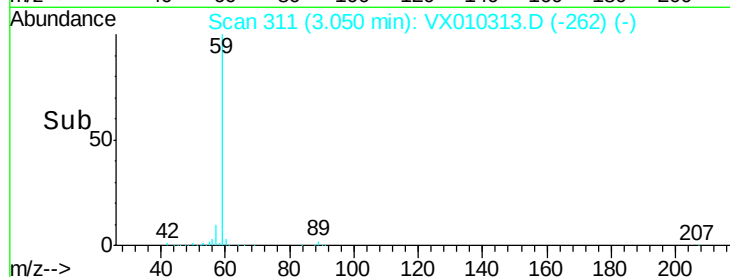
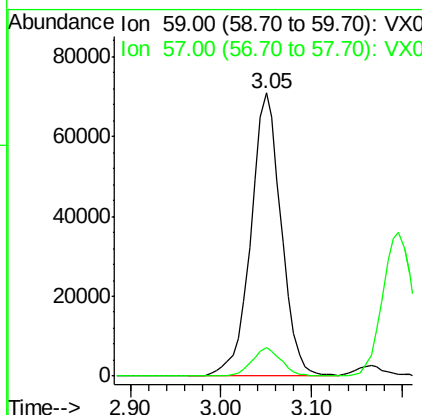
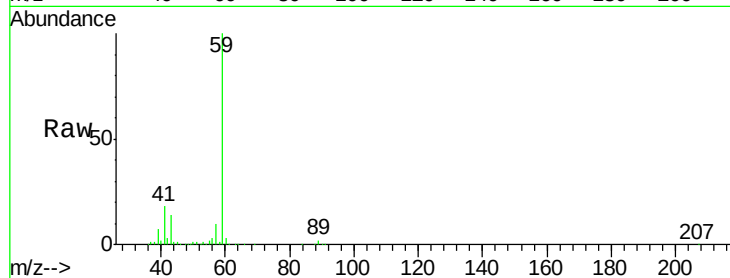
Tert butyl alcohol
Concen: 241.869 ug/l
RT: 3.05 min Scan# 311
Delta R.T. -0.00 min
Lab File: VX010313.D
Acq: 14 Jun 2019 20:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.8	8.2	12.2

Manual Integrations
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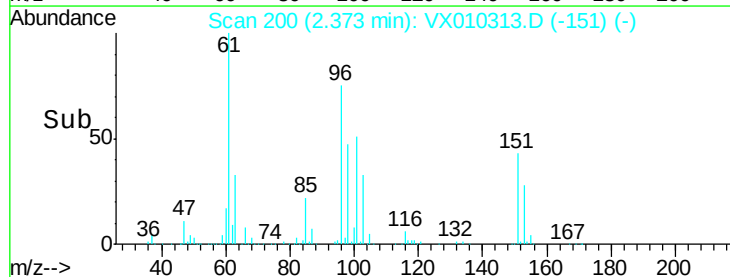
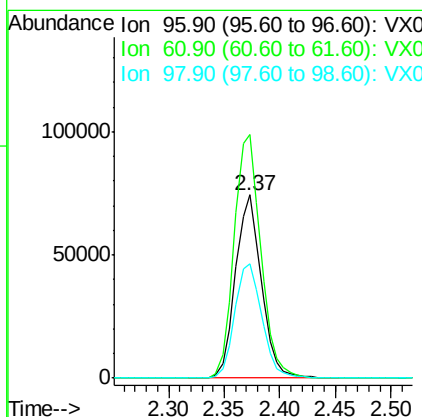
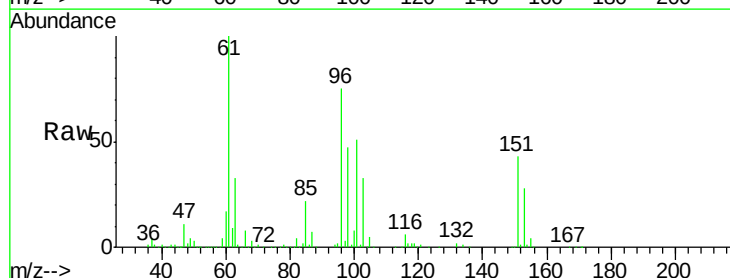
MMDadoda
6/17/2019 10:35:51 AM

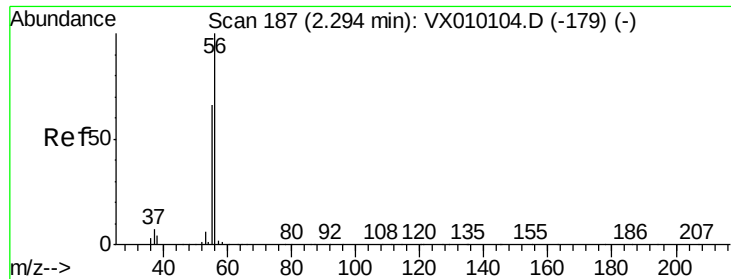


#12

1,1-Dichloroethene
Concen: 46.973 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX010313.D
Acq: 14 Jun 2019 20:09

Tgt Ion	Ratio	Lower	Upper
96	100		
61	133.0	140.7	211.1#
98	62.2	50.1	75.1





#13

Acrolein

Concen: 218.313 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX010313.D

Acq: 14 Jun 2019 20:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 27019

Ion Ratio Lower Upper

56 100

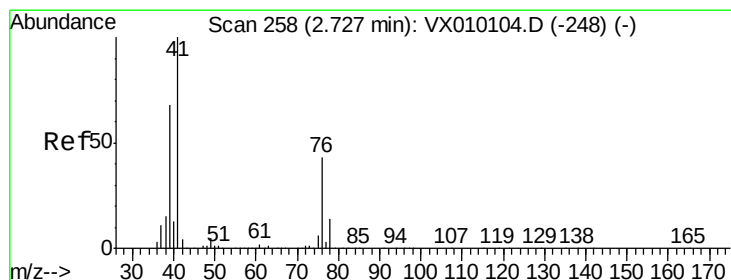
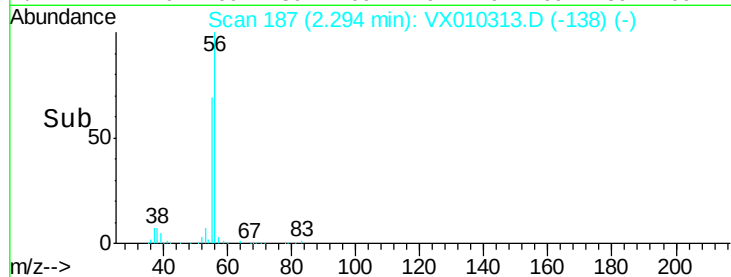
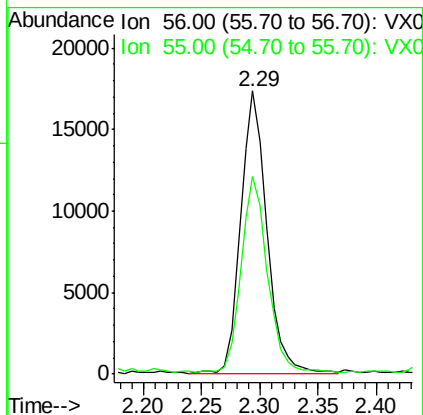
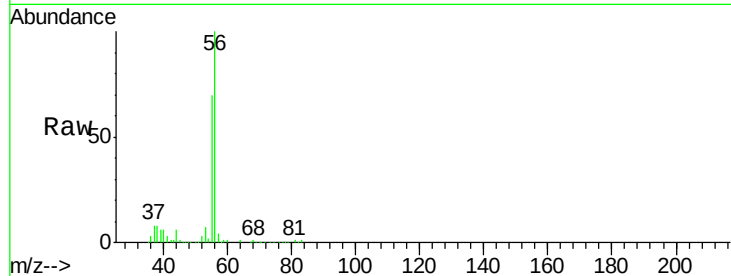
55 70.4 57.0 85.4

Manual Integrations

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#14

Allyl chloride

Concen: 46.262 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX010313.D

Acq: 14 Jun 2019 20:09

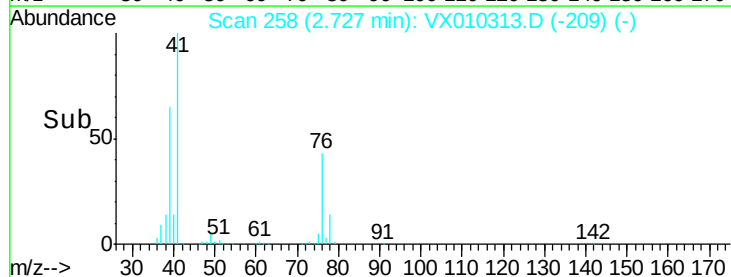
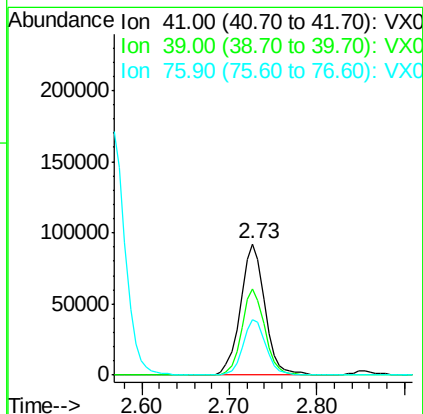
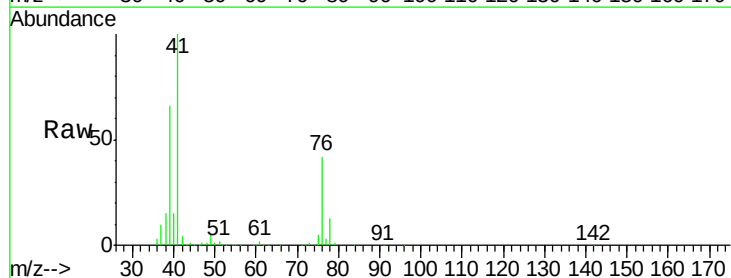
Tgt Ion: 41 Resp: 178043

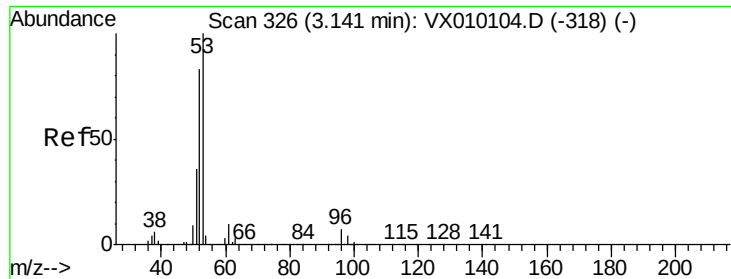
Ion Ratio Lower Upper

41 100

39 61.7 46.7 70.1

76 39.5 21.0 31.4#





#15

Acrylonitrile

Concen: 254.198 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX010313.D

Acq: 14 Jun 2019 20:09

Instrument :

MSVOA_X

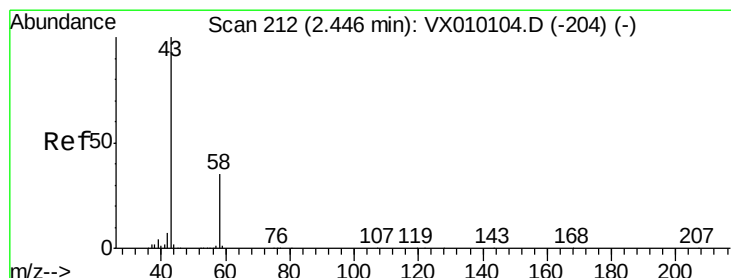
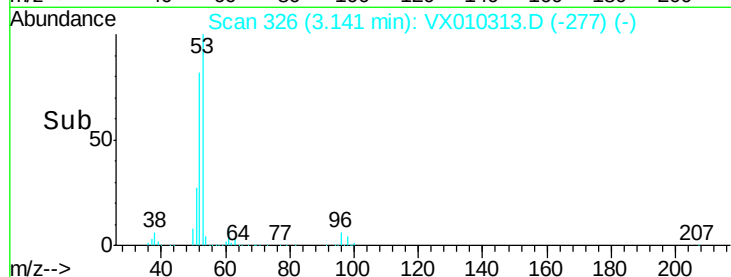
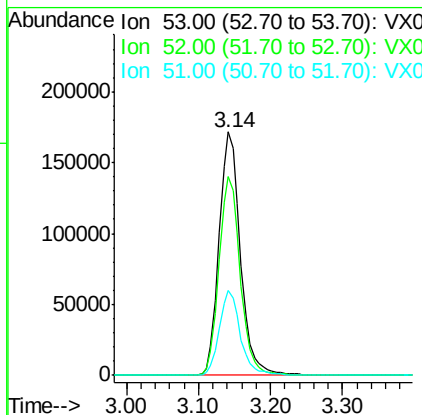
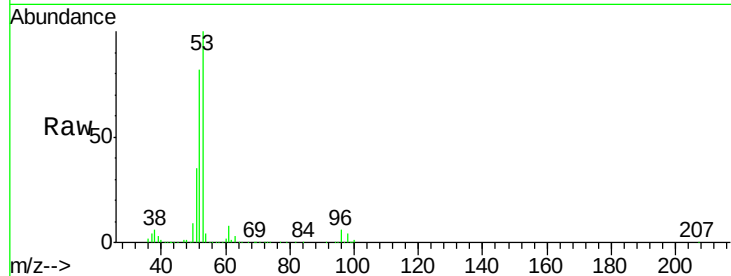
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	352659
Ion	Ratio	Lower	Upper
53	100		
52	81.4	66.7	100.1
51	34.7	28.8	43.2

Manual Integrations
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#16

Acetone

Concen: 225.488 ug/l

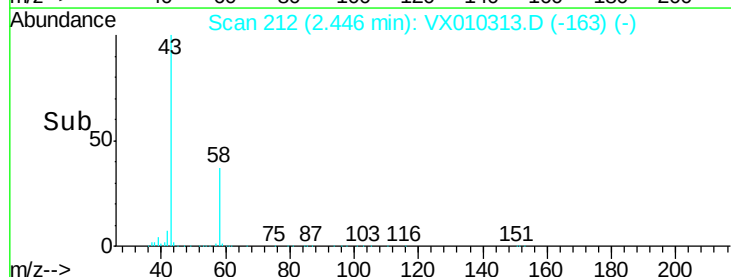
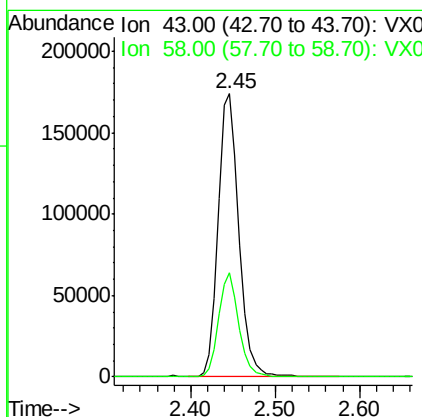
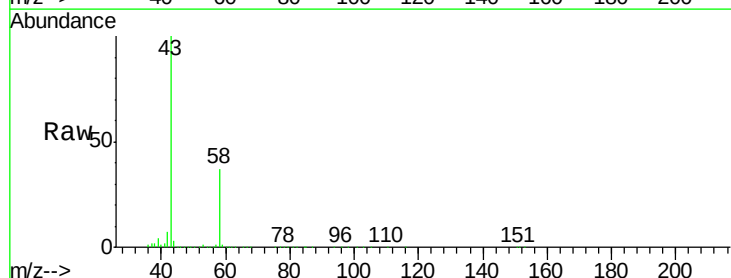
RT: 2.45 min Scan# 212

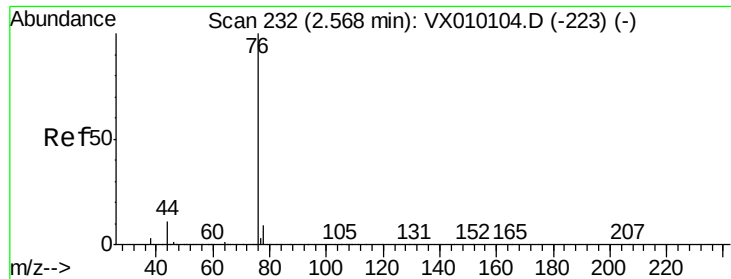
Delta R.T. -0.00 min

Lab File: VX010313.D

Acq: 14 Jun 2019 20:09

Tgt Ion:	43	Resp:	293850
Ion	Ratio	Lower	Upper
43	100		
58	36.9	23.2	34.8#





#17

Carbon Disulfide

Concen: 39.824 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX010313.D

Acq: 14 Jun 2019 20:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 293379

Ion Ratio Lower Upper

76 100

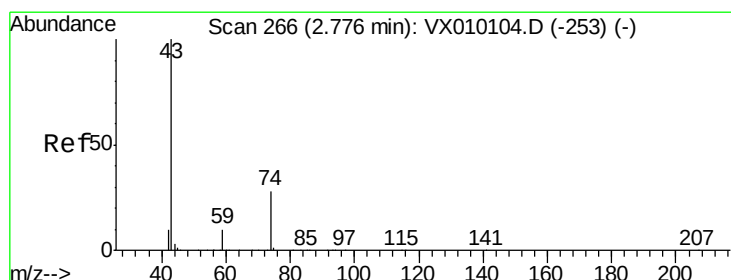
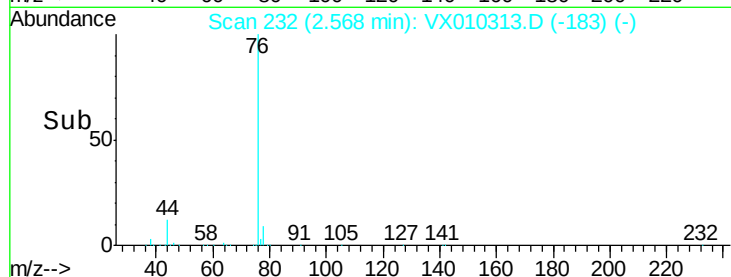
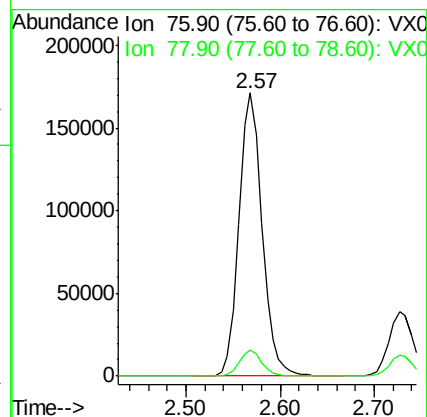
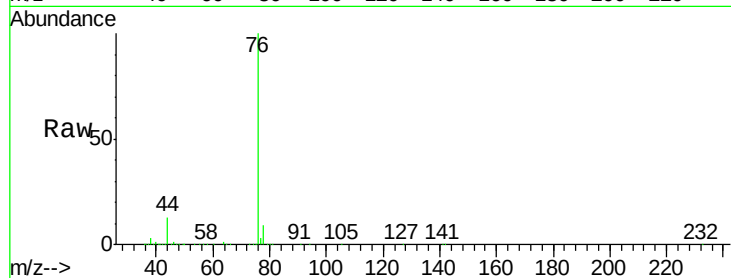
78 9.0 7.0 10.6

Manual Integrations

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#18

Methyl Acetate

Concen: 53.195 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX010313.D

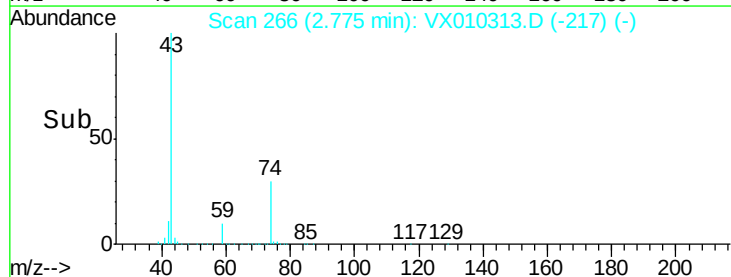
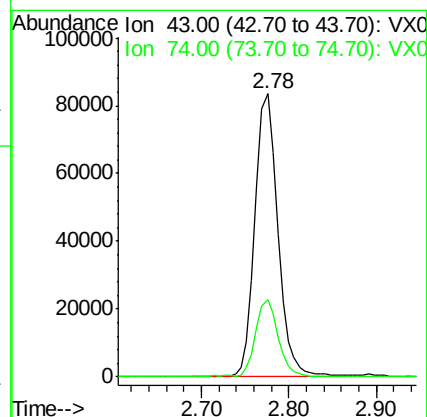
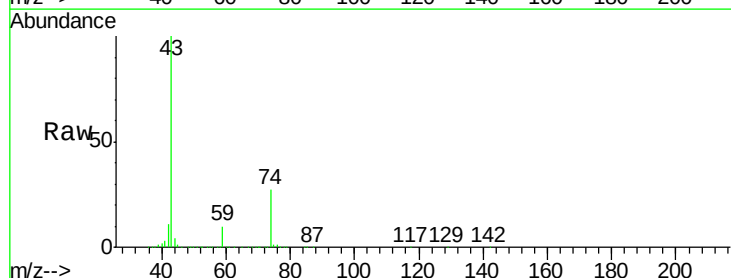
Acq: 14 Jun 2019 20:09

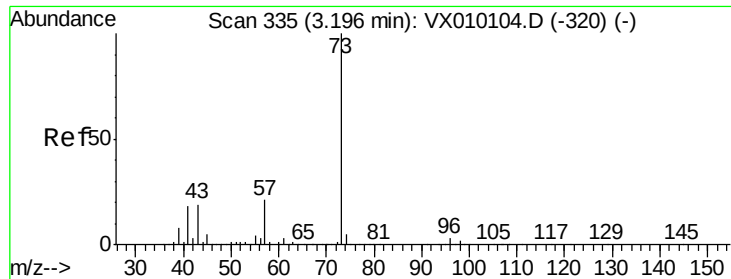
Tgt Ion: 43 Resp: 152455

Ion Ratio Lower Upper

43 100

74 27.4 15.8 23.6#





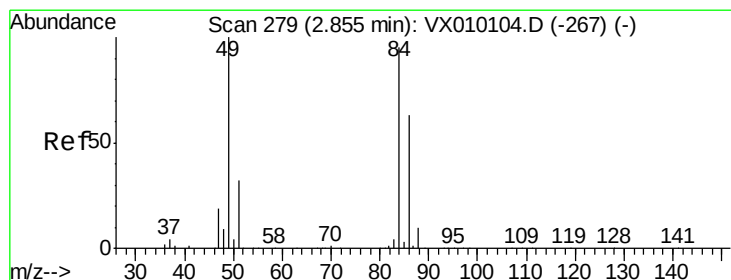
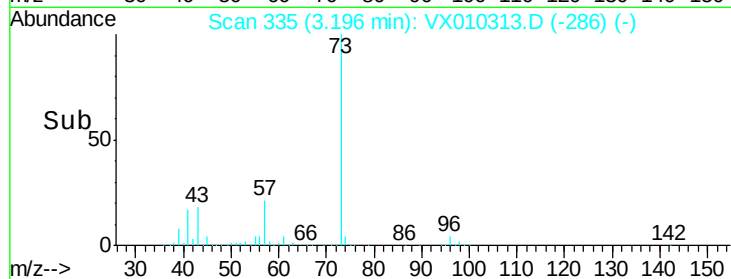
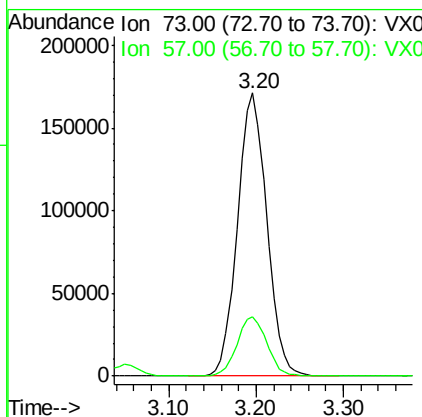
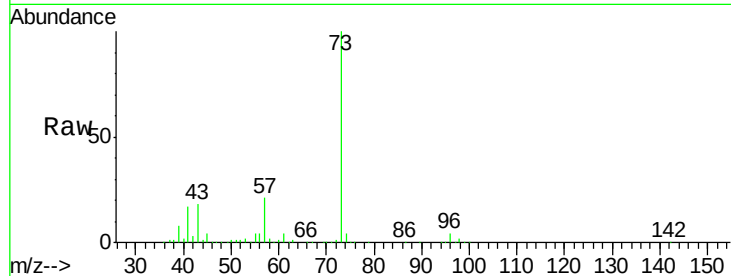
#19
Methyl tert-butyl Ether
Concen: 48.695 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX010313.D
Acq: 14 Jun 2019 20:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.0	19.4	29.2

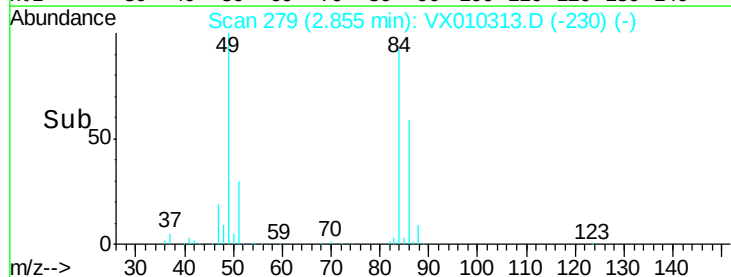
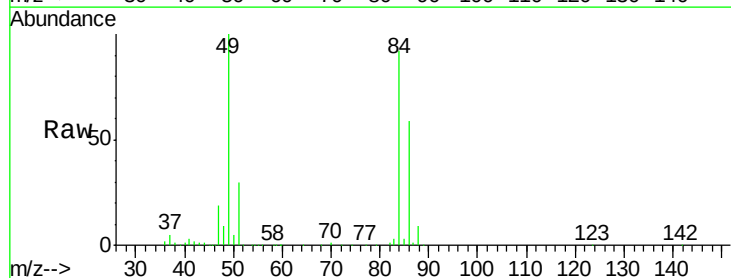
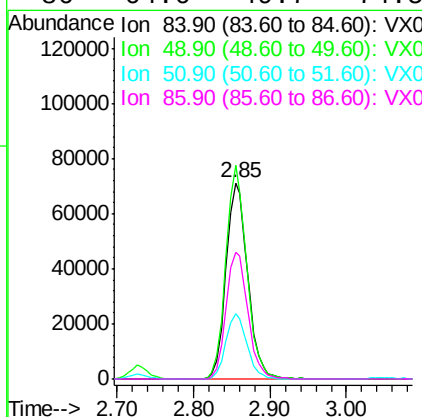
Manual Integrations
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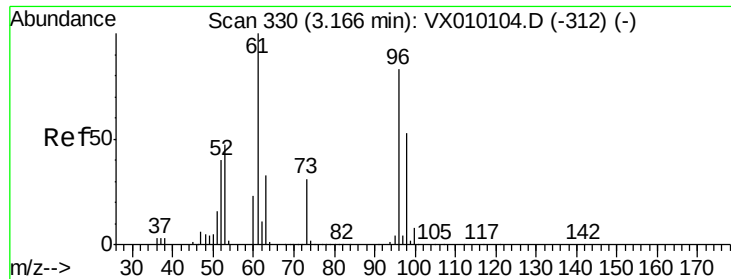
MMDadoda
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#20
Methylene Chloride
Concen: 48.545 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX010313.D
Acq: 14 Jun 2019 20:09

Tgt Ion	Ratio	Lower	Upper
84	100		
49	108.7	115.8	173.6#
51	32.9	34.4	51.6#
86	64.6	49.7	74.5





#21

trans-1,2-Dichloroethene

Concen: 45.403 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX010313.D

Acq: 14 Jun 2019 20:09

Instrument :

MSVOA_X

ClientSampleId :

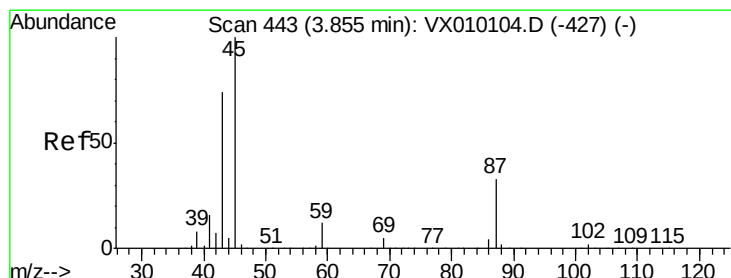
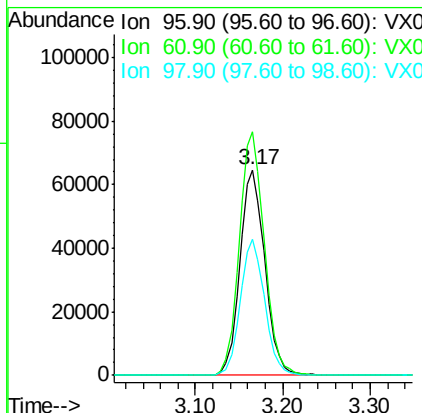
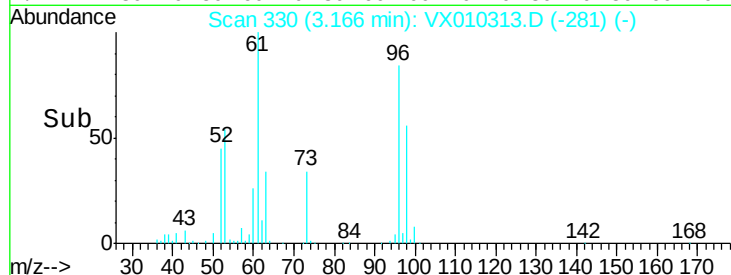
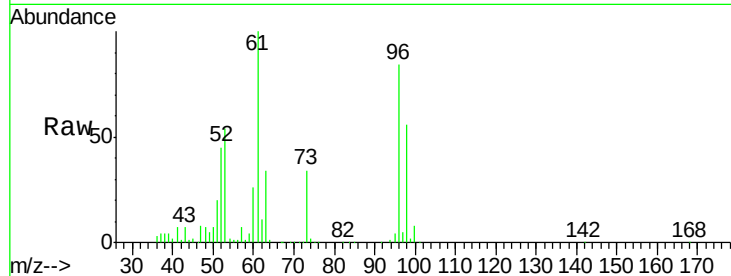
VSTDCCC050EC

Tot Ion: 96 Resp: 128106

Ion	Ratio	Lower	Upper
96	100		
61	118.6	125.7	188.5#
98	66.5	49.0	73.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 50.867 ug/l

RT: 3.85 min Scan# 443

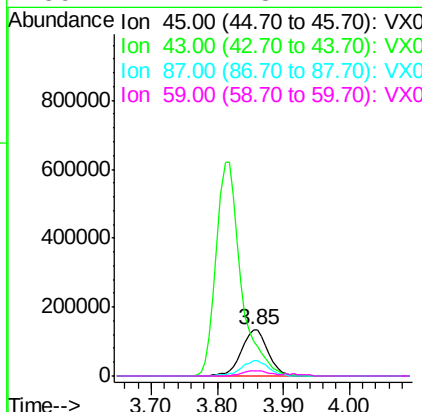
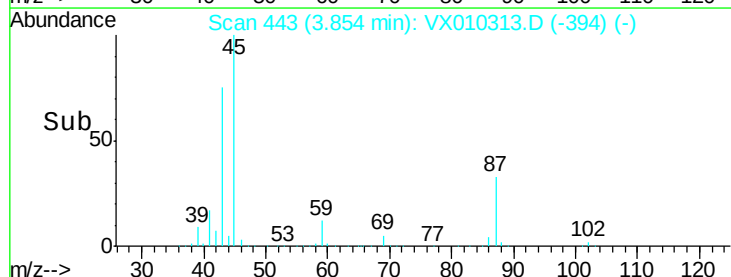
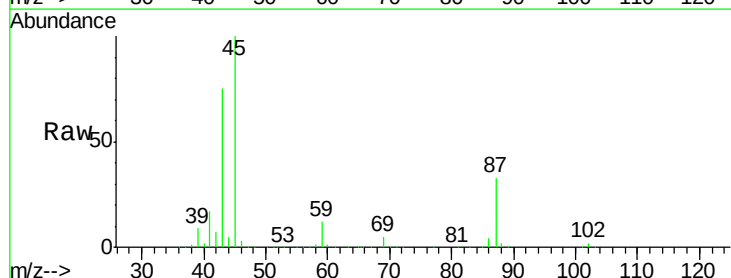
Delta R.T. -0.00 min

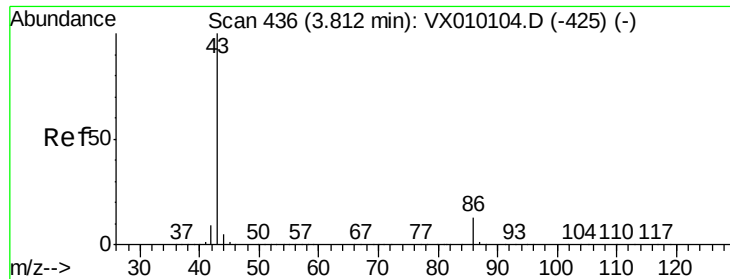
Lab File: VX010313.D

Acq: 14 Jun 2019 20:09

Tgt Ion: 45 Resp: 374283

Ion	Ratio	Lower	Upper
45	100		
43	75.1	65.0	97.4
87	32.6	17.3	25.9#
59	12.2	8.1	12.1#





#23

Vinyl Acetate

Concen: 247.721 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.00 min

Lab File: VX010313.D

Acq: 14 Jun 2019 20:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1626106

Ion Ratio Lower Upper

43 100

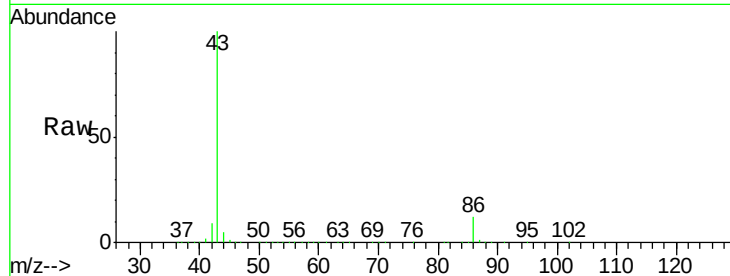
86 12.5 6.5 9.7#

Manual Integrations

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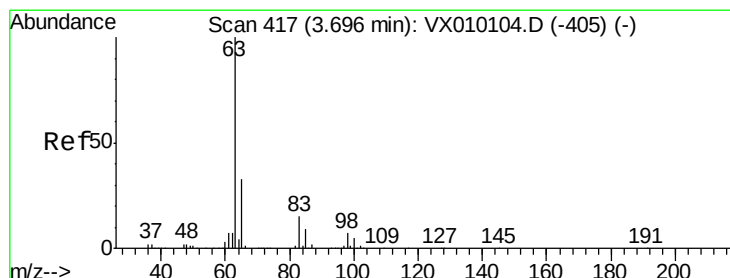
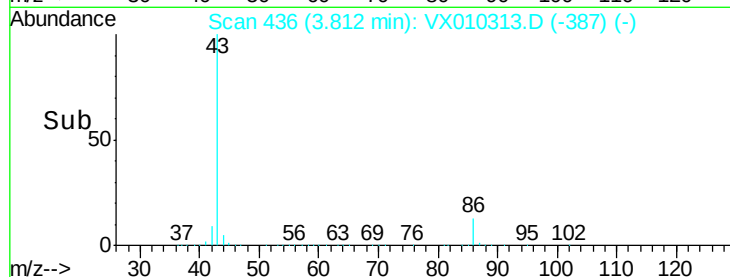
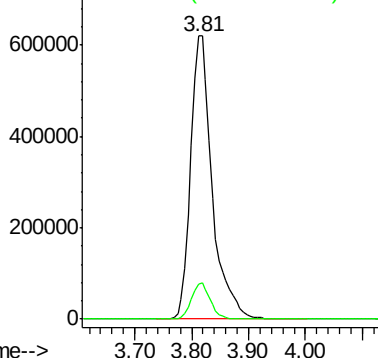
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 48.045 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX010313.D

Acq: 14 Jun 2019 20:09

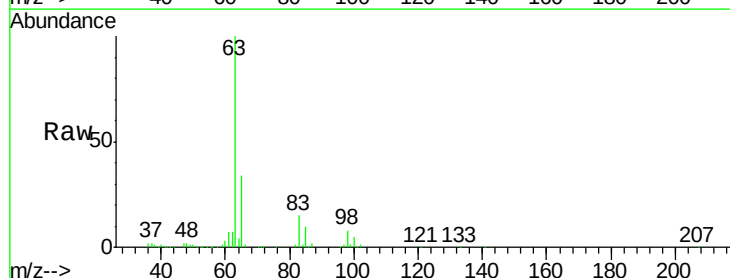
Tgt Ion: 63 Resp: 214643

Ion Ratio Lower Upper

63 100

98 8.1 2.9 8.8

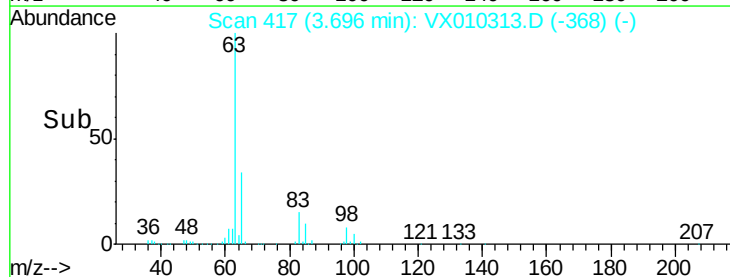
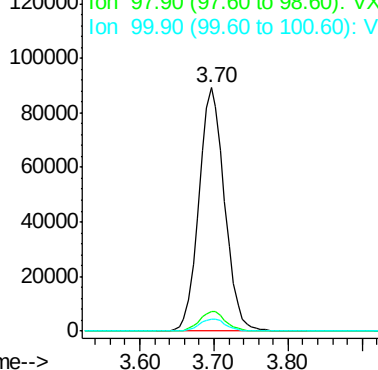
100 5.1 1.8 5.4

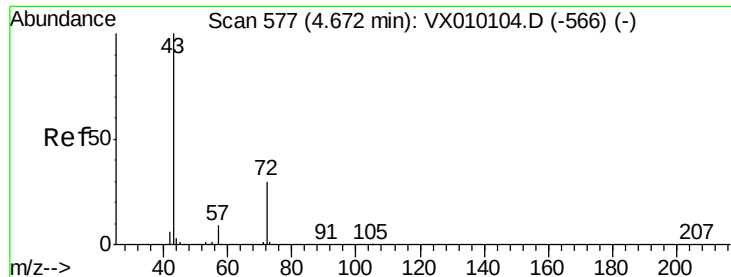


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 247.161 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX010313.D

Acq: 14 Jun 2019 20:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 479627

Ion Ratio Lower Upper

43 100

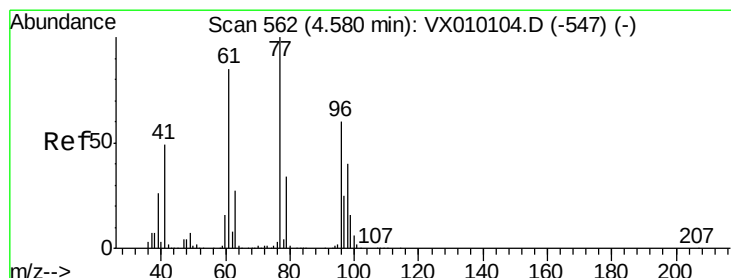
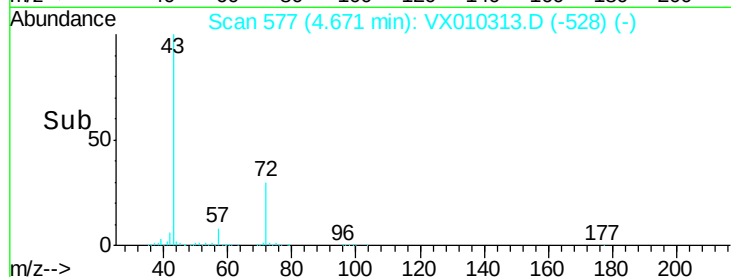
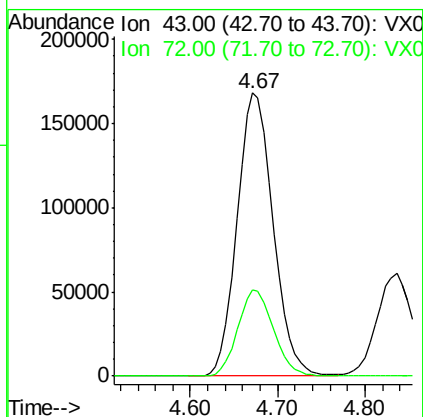
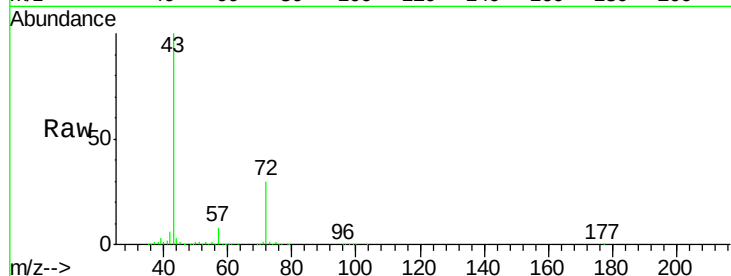
72 30.2 17.5 26.3#

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 41.607 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX010313.D

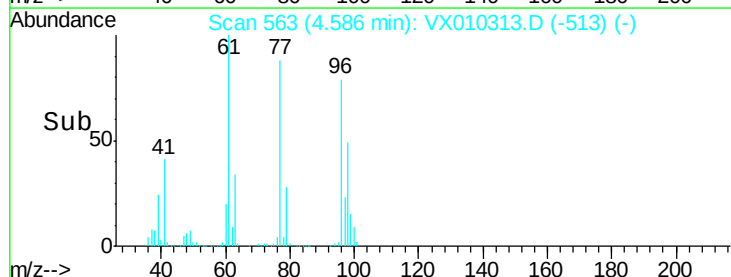
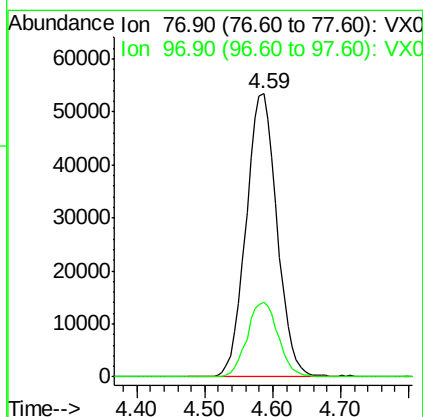
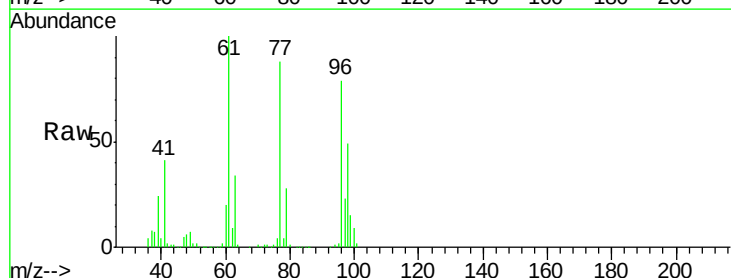
Acq: 14 Jun 2019 20:09

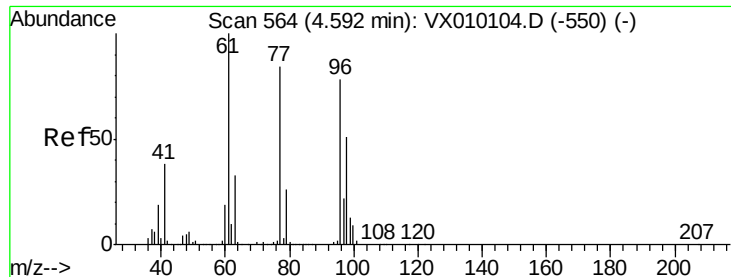
Tgt Ion: 77 Resp: 169579

Ion Ratio Lower Upper

77 100

97 26.6 11.4 34.2





#27

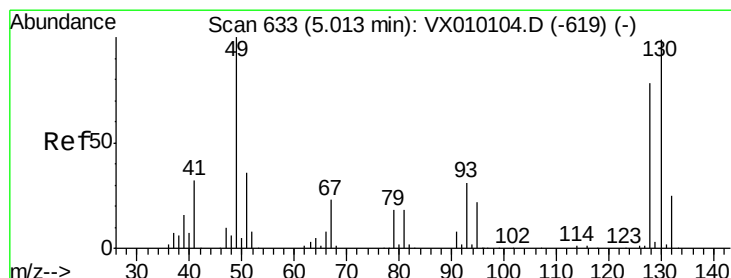
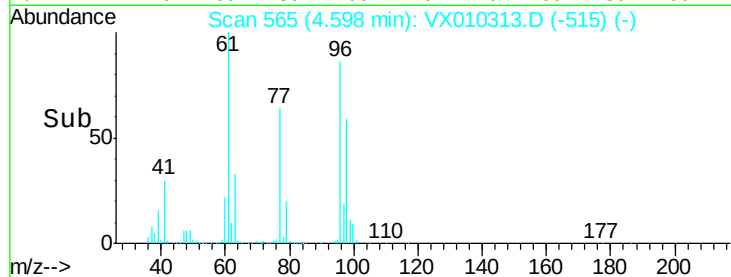
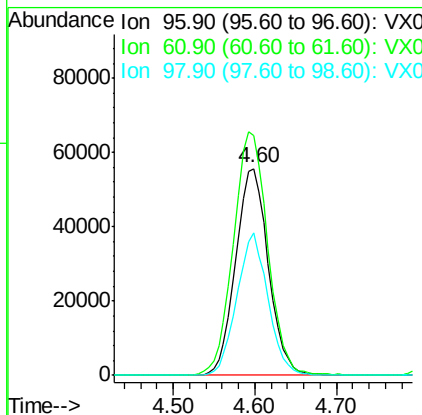
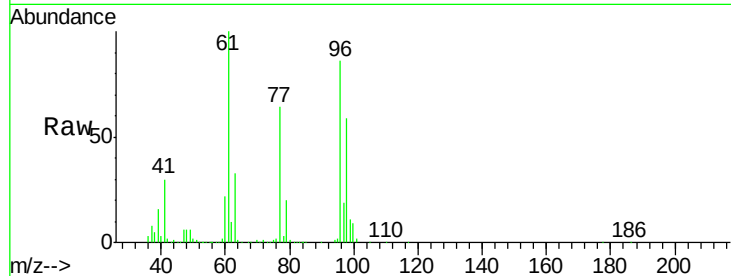
cis-1,2-Dichloroethene
Concen: 49.292 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX010313.D
Acq: 14 Jun 2019 20:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	123.1	0.0	334.0
98	65.7	0.0	131.6

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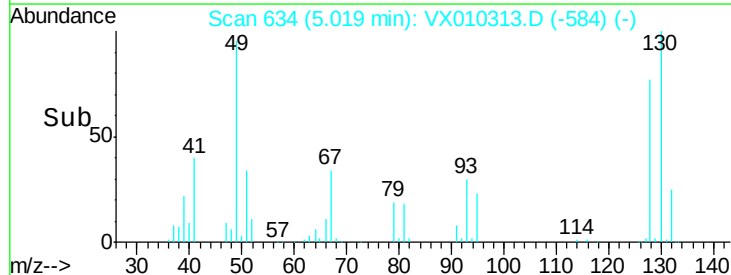
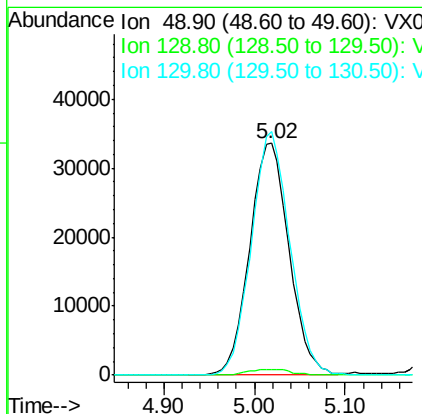
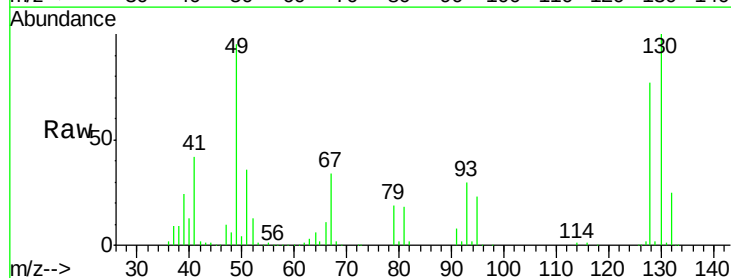
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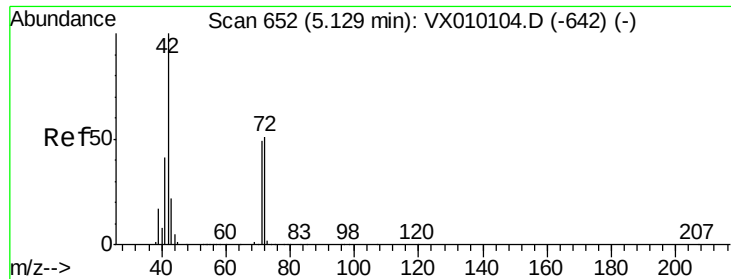


#28

Bromochloromethane
Concen: 50.532 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.01 min
Lab File: VX010313.D
Acq: 14 Jun 2019 20:09

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	3.4
130	102.7	49.4	74.2#





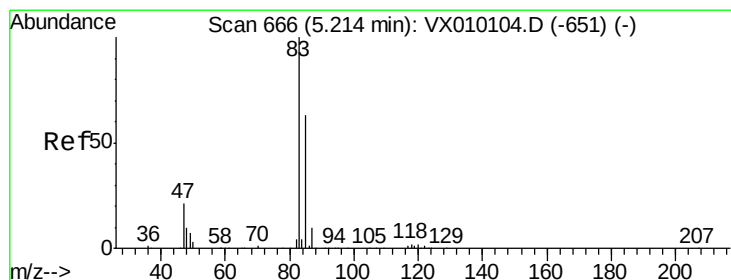
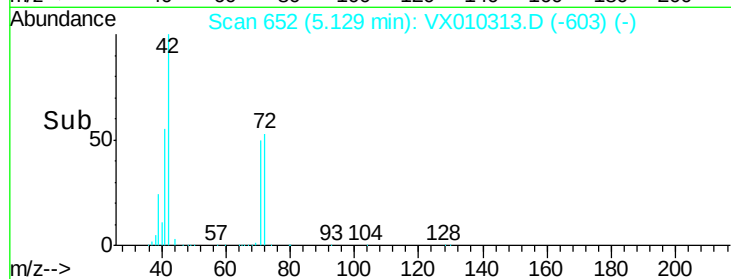
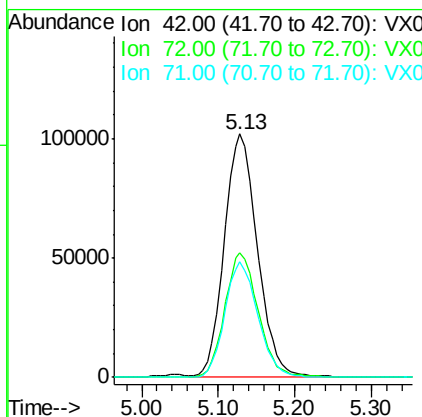
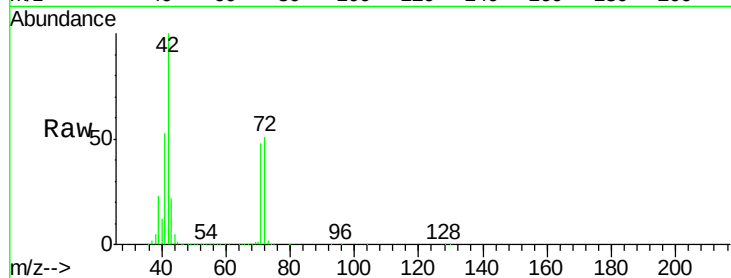
#29
Tetrahydrofuran
Concen: 249.111 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX010313.D
Acq: 14 Jun 2019 20:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	52.1	29.2	43.8#
71	47.7	27.6	41.4#

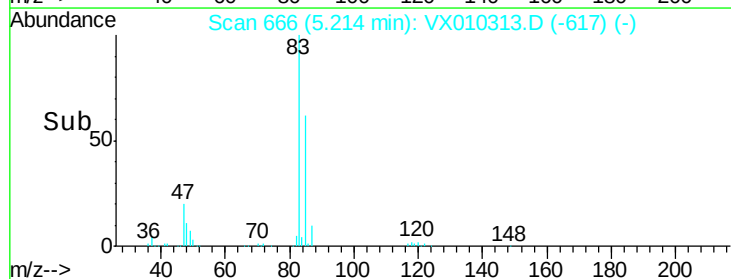
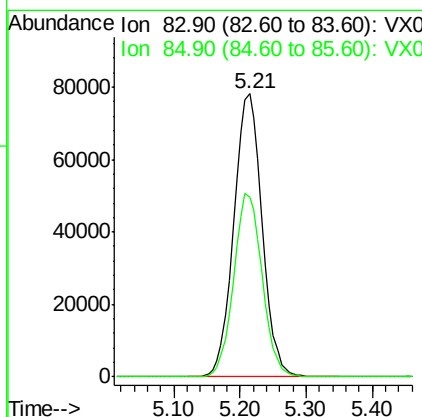
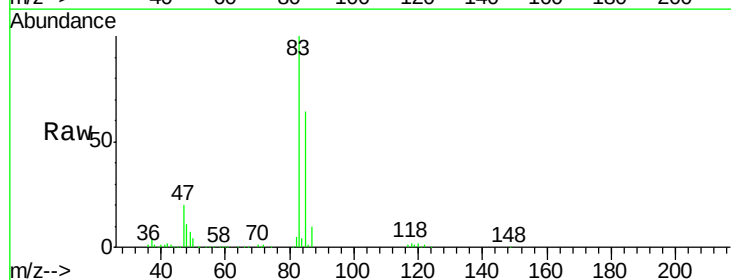
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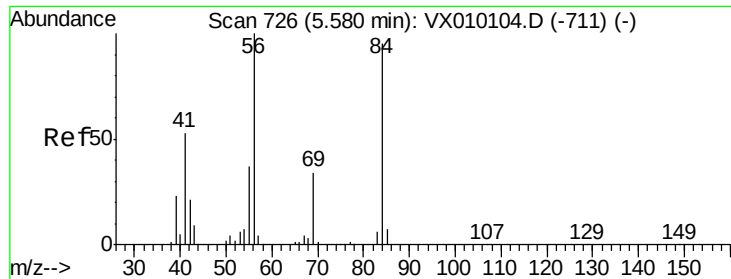
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#30
Chloroform
Concen: 50.002 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX010313.D
Acq: 14 Jun 2019 20:09

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.7	52.6	78.8





#31

Cyclohexane

Concen: 47.467 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX010313.D

Acq: 14 Jun 2019 20:09

Instrument :

MSVOA_X

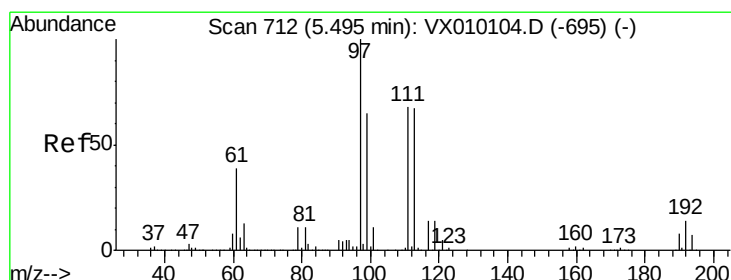
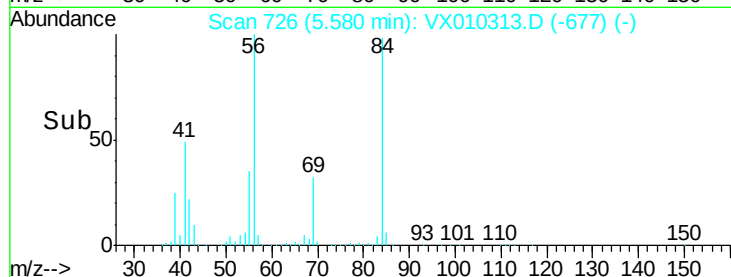
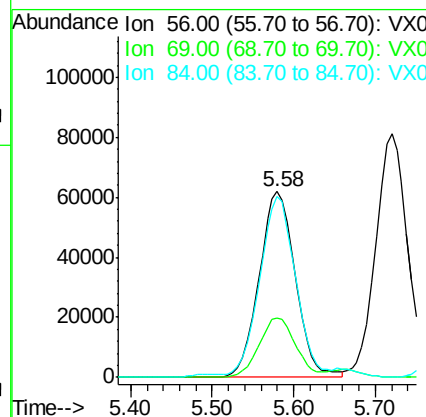
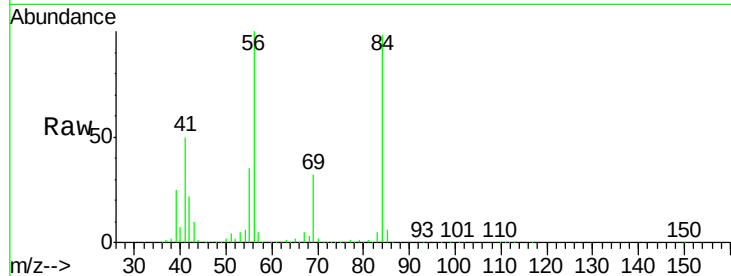
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.8	21.6	32.4
84	96.7	56.8	85.2#

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#32

1,1,1-Trichloroethane

Concen: 47.123 ug/l

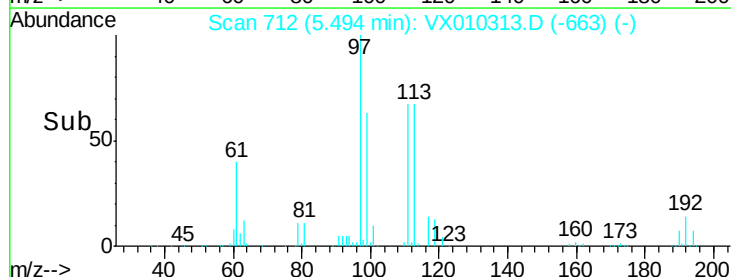
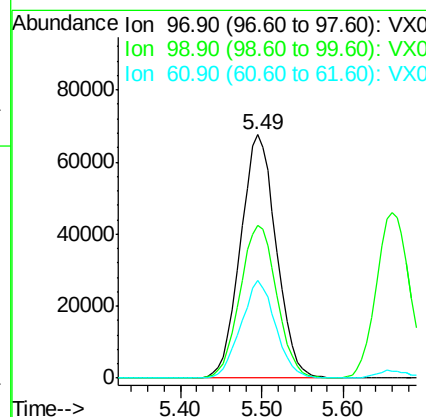
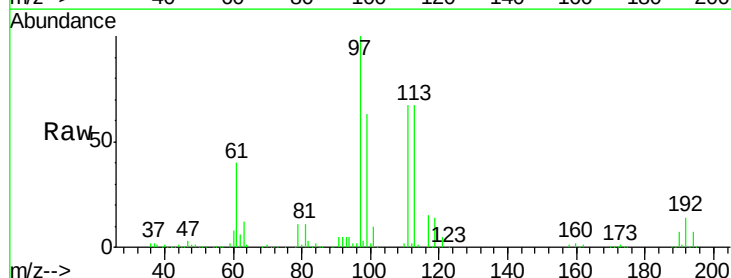
RT: 5.49 min Scan# 712

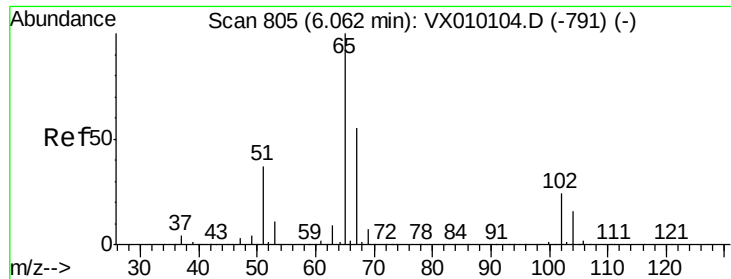
Delta R.T. -0.00 min

Lab File: VX010313.D

Acq: 14 Jun 2019 20:09

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.0	76.4
61	39.0	38.7	58.1





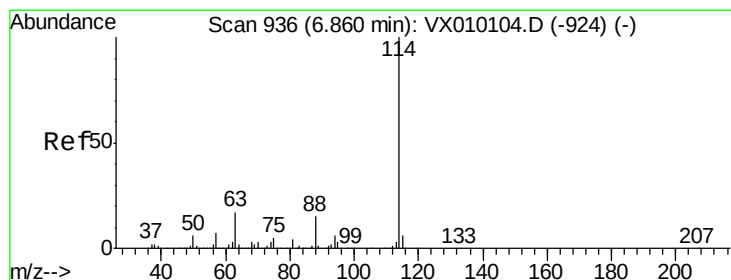
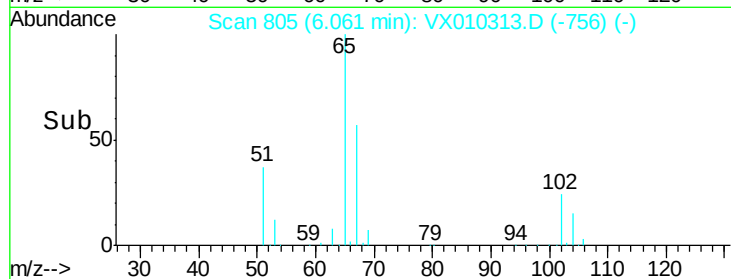
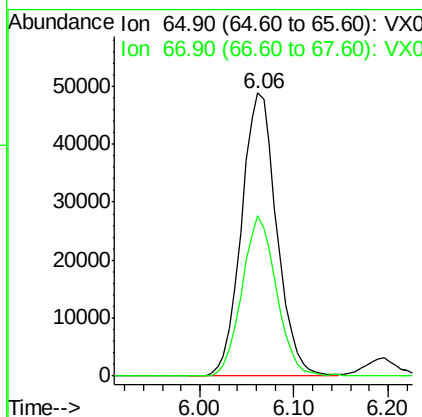
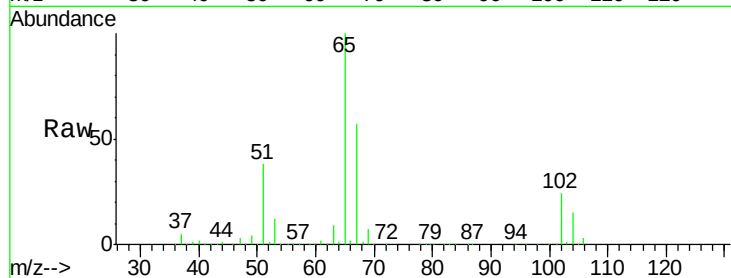
#33
 1,2-Dichloroethane-d4
 Concen: 46.211 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010313.D
 Acq: 14 Jun 2019 20:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	55.3	0.0	108.4

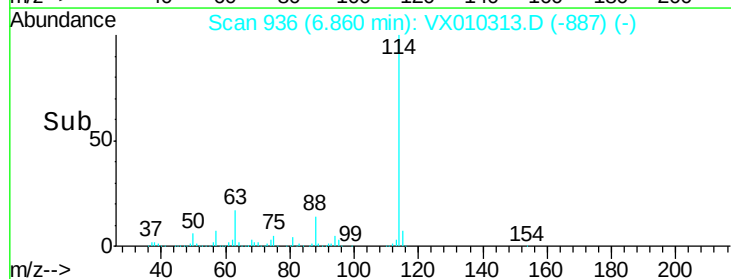
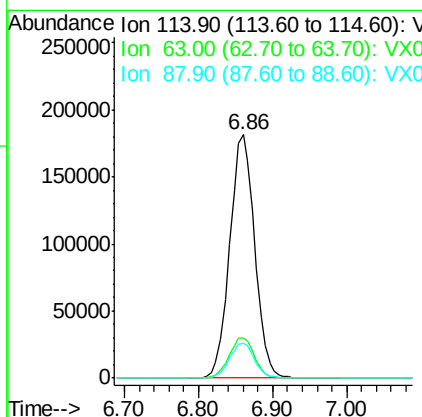
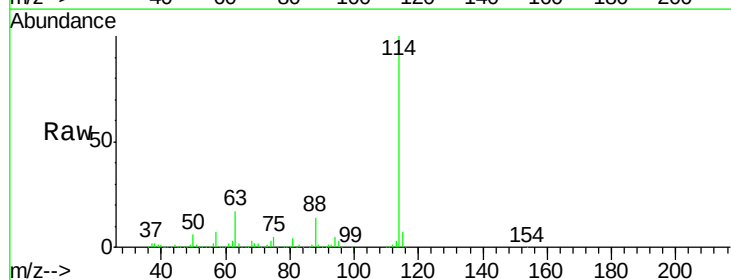
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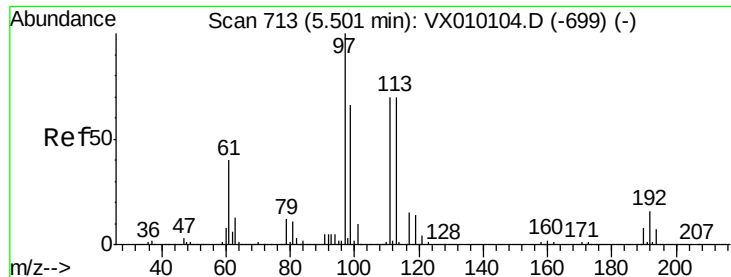
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX010313.D
 Acq: 14 Jun 2019 20:09

Tgt Ion	Ratio	Lower	Upper
114	100		
63	16.5	0.0	47.4
88	14.2	0.0	33.0





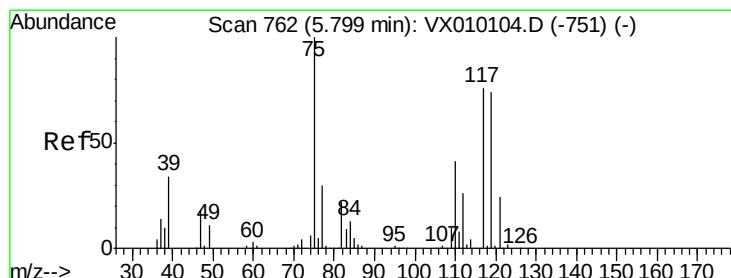
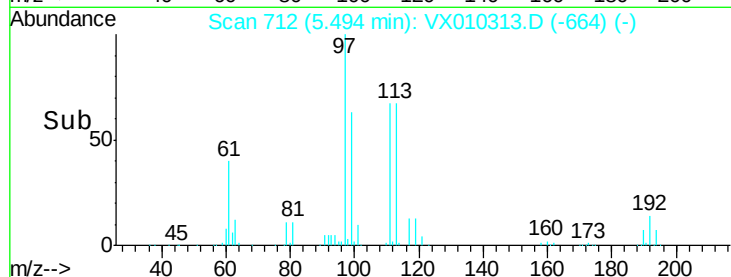
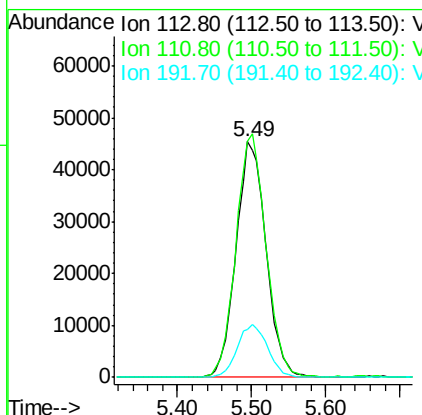
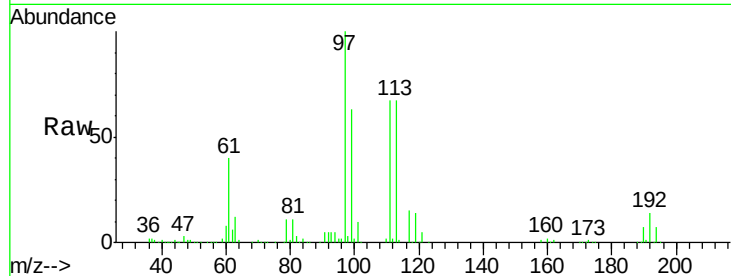
#35
Dibromofluoromethane
Concen: 49.017 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX010313.D
Acq: 14 Jun 2019 20:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	128874		
111	103.1	82.2	123.2	
192	22.7	17.1	25.7	

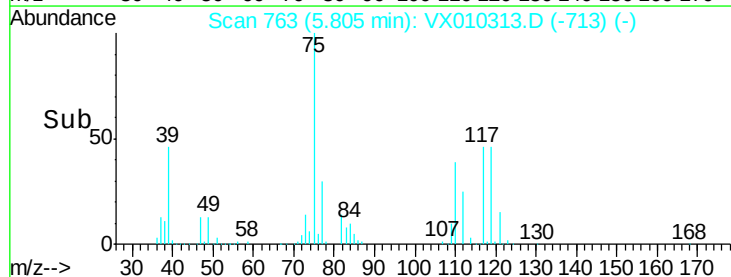
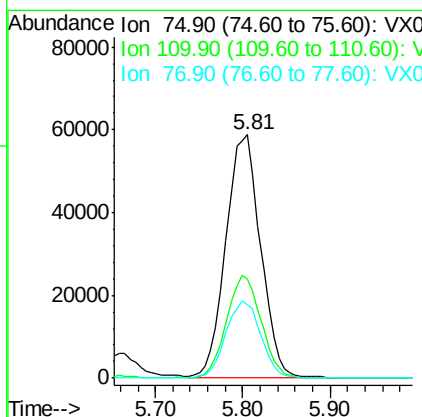
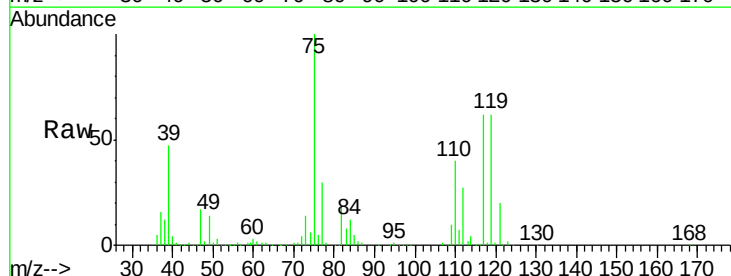
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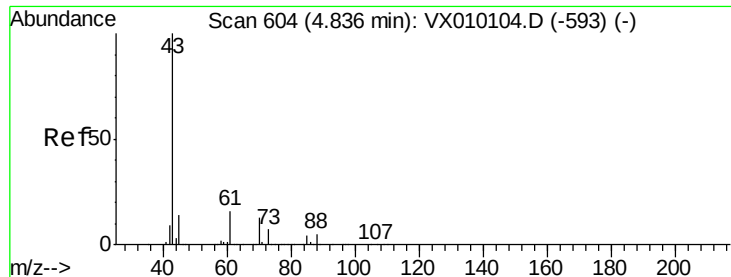
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#36
1,1-Dichloropropene
Concen: 46.543 ug/l
RT: 5.81 min Scan# 763
Delta R.T. 0.01 min
Lab File: VX010313.D
Acq: 14 Jun 2019 20:09

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	161855		
110	42.3	16.7	50.1	
77	31.9	25.0	37.4	





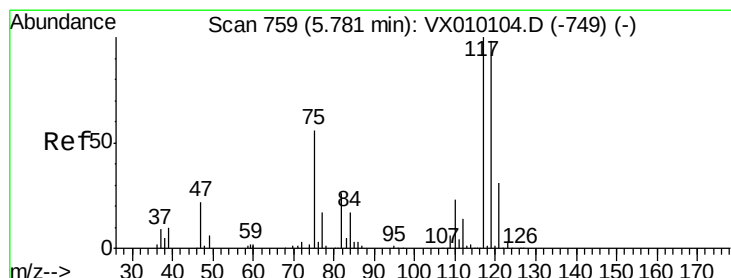
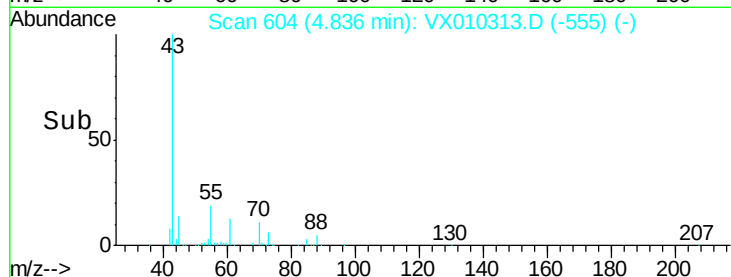
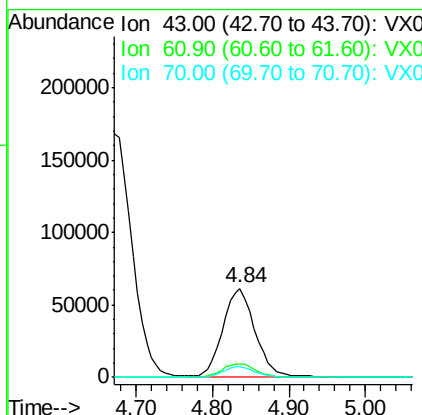
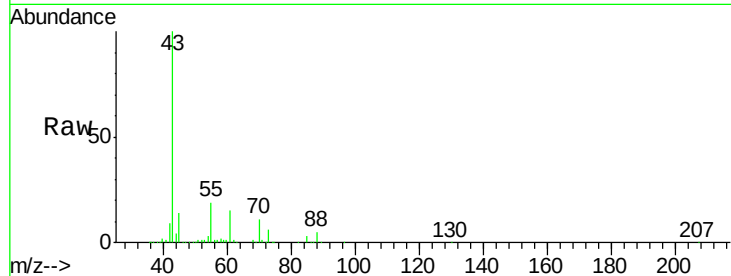
#37
Ethyl Acetate
Concen: 48.922 ug/l
RT: 4.84 min Scan# 604
Delta R.T. -0.00 min
Lab File: VX010313.D
Acq: 14 Jun 2019 20:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.7	10.2	15.2#
70	12.5	7.4	11.2#

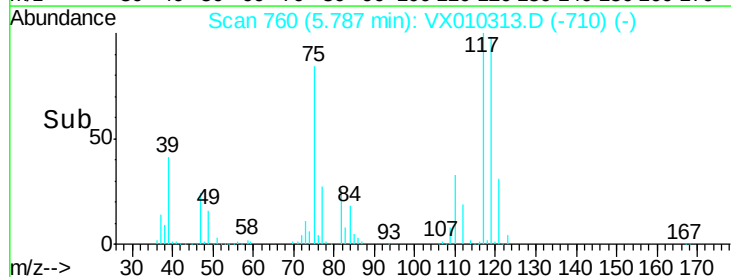
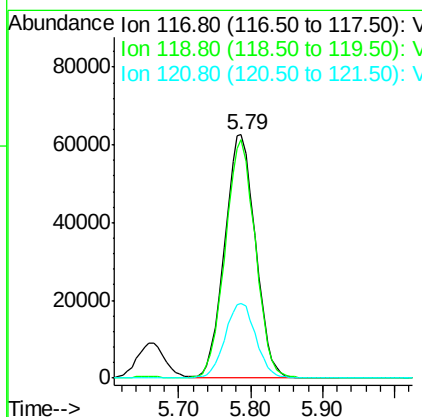
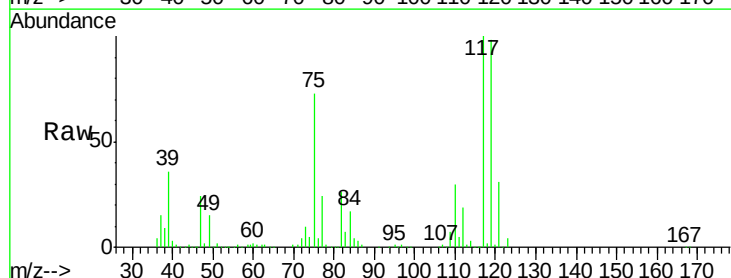
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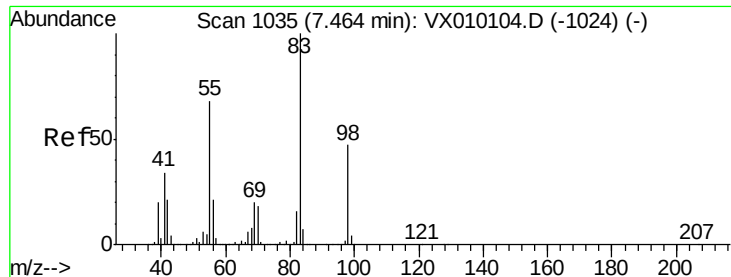
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#38
Carbon Tetrachloride
Concen: 47.280 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX010313.D
Acq: 14 Jun 2019 20:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.9	77.3	115.9
121	30.6	25.4	38.0





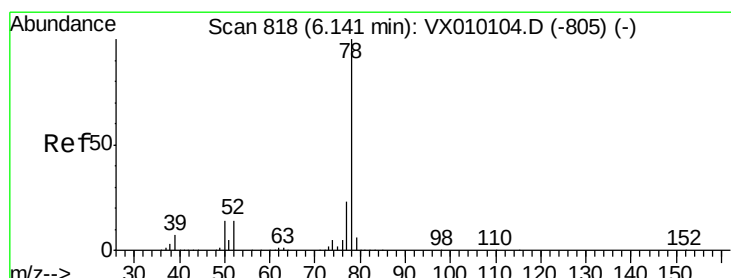
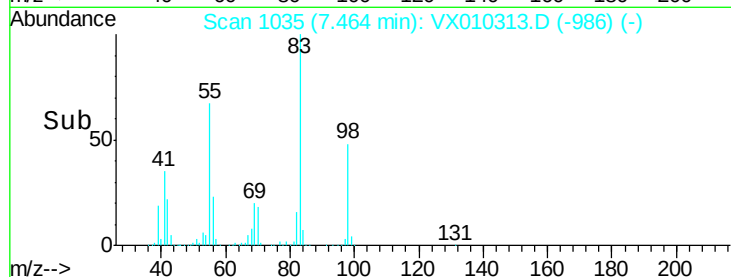
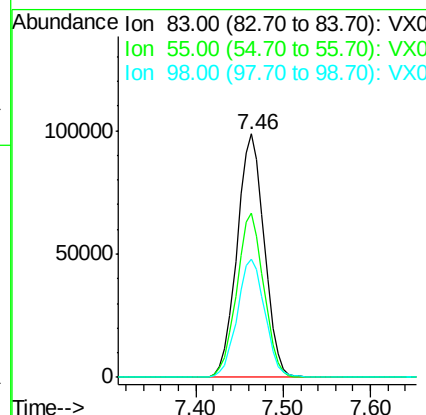
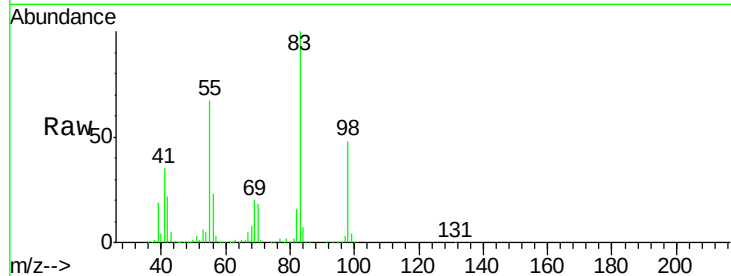
#39
Methylvlcyclohexane
Concen: 45.111 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX010313.D
Acq: 14 Jun 2019 20:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	67.3	69.9	104.9#	
98	48.5	35.1	52.7	

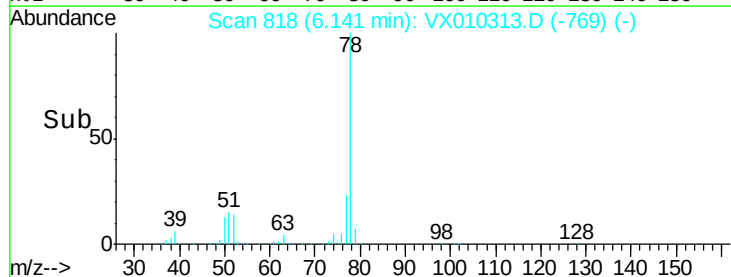
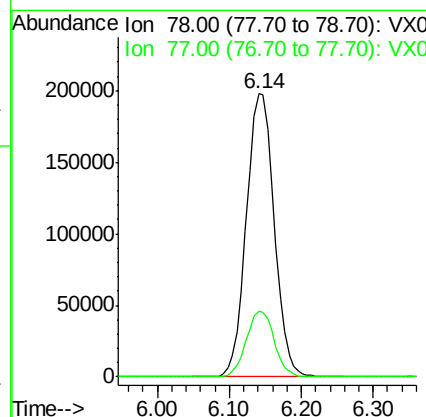
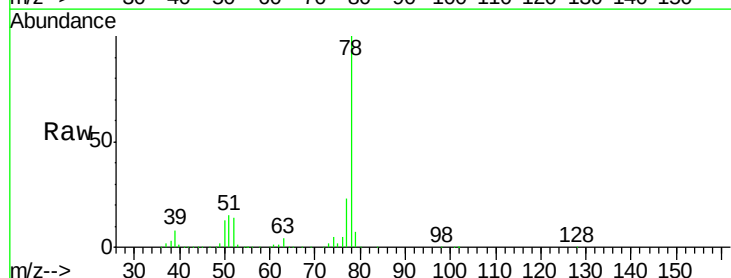
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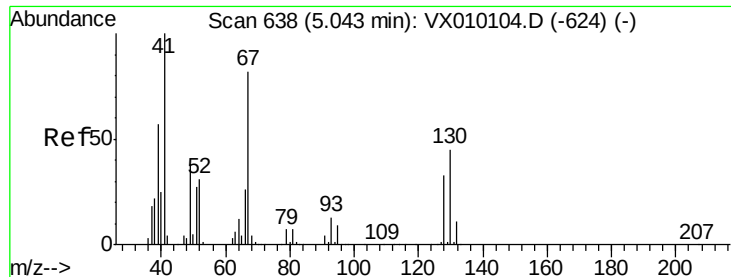
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#40
Benzene
Concen: 49.453 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX010313.D
Acq: 14 Jun 2019 20:09

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.2	19.2	28.8	





#41

Methacrylonitrile

Concen: 49.674 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX010313.D

Acq: 14 Jun 2019 20:09

Instrument :

MSVOA_X

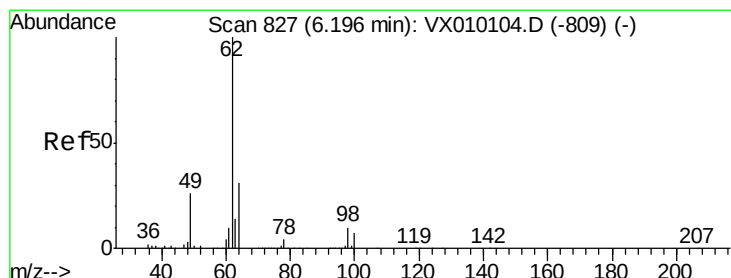
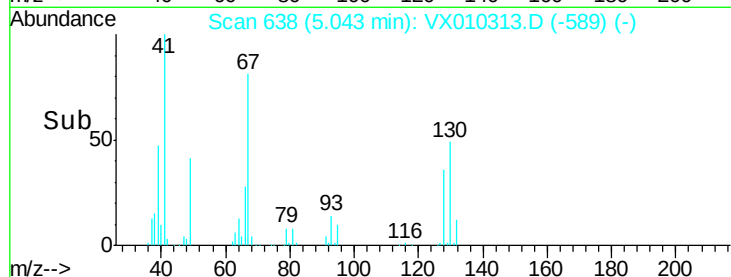
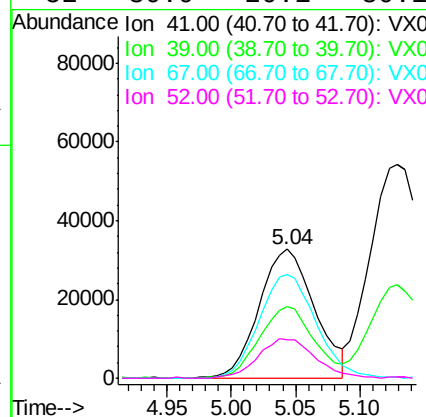
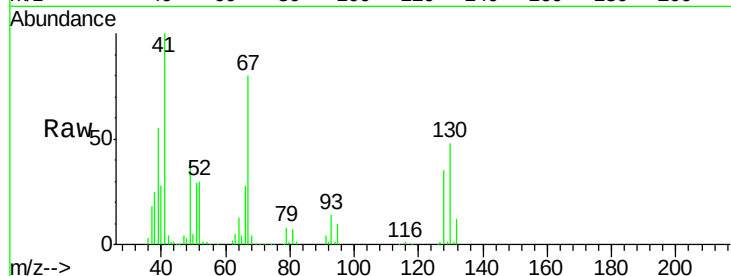
ClientSampleId :

VSTDCCC050EC

Tot Ion:	41	Resp:	97224
Ion	Ratio	Lower	Upper
41	100		
39	54.9	42.2	63.4
67	83.2	48.9	73.3#
52	30.9	20.1	30.1#

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#42

1,2-Dichloroethane

Concen: 48.063 ug/l

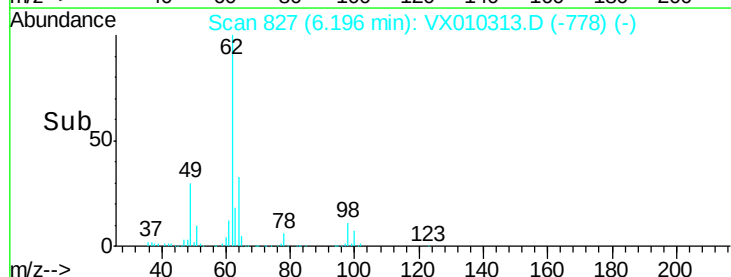
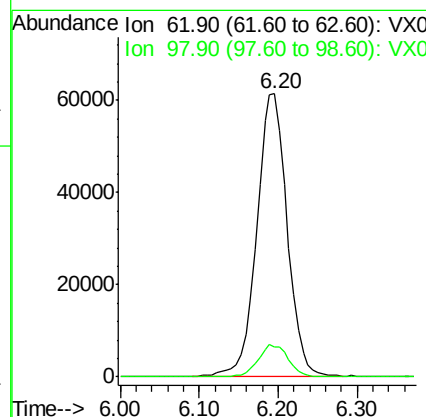
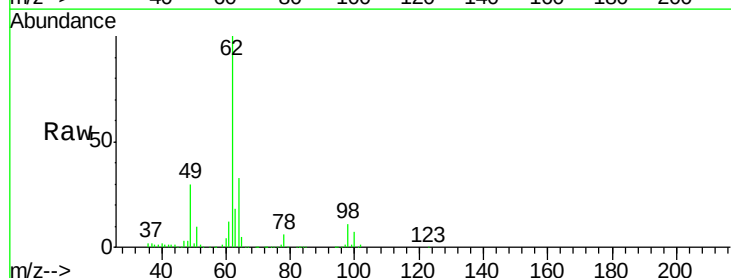
RT: 6.20 min Scan# 827

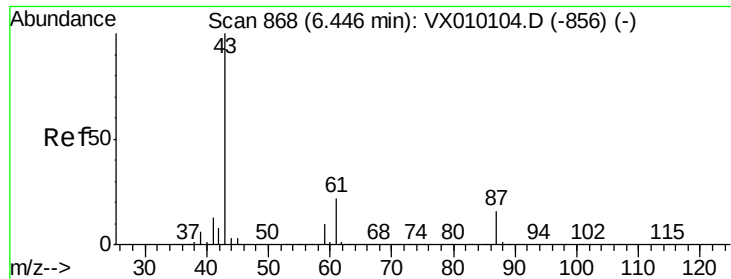
Delta R.T. -0.00 min

Lab File: VX010313.D

Acq: 14 Jun 2019 20:09

Tgt Ion:	62	Resp:	164996
Ion	Ratio	Lower	Upper
62	100		
98	11.2	0.0	17.2





#43

Isopropyl Acetate

Concen: 48.934 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX010313.D

Acq: 14 Jun 2019 20:09

Instrument :

MSVOA_X

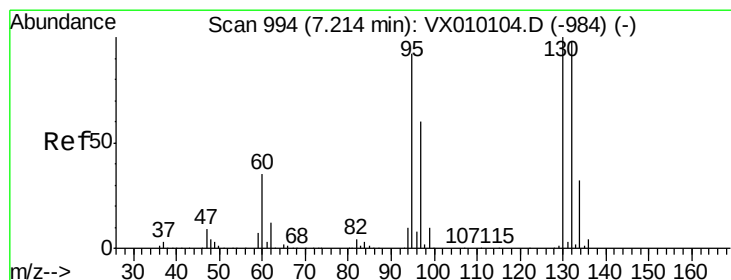
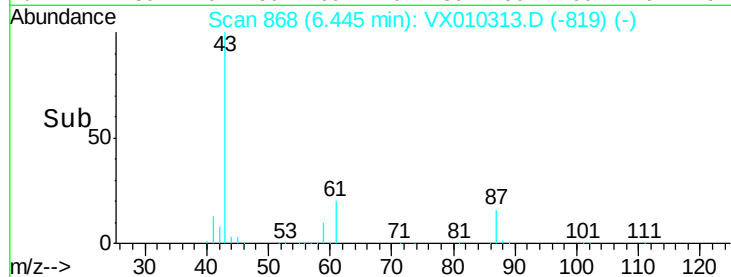
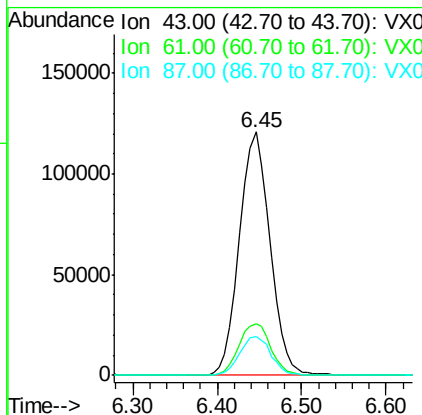
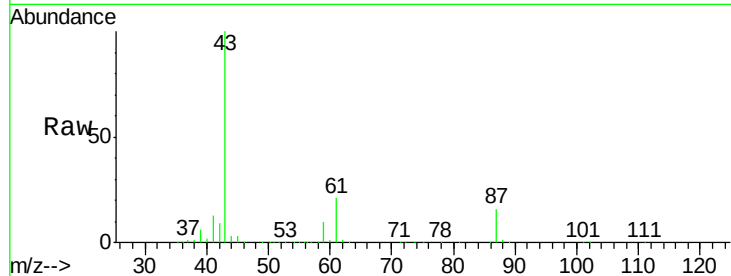
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	296036
Ion	Ratio	Lower	Upper
43	100		
61	22.3	14.6	21.8#
87	16.3	8.7	13.1#

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#44

Trichloroethene

Concen: 48.719 ug/l

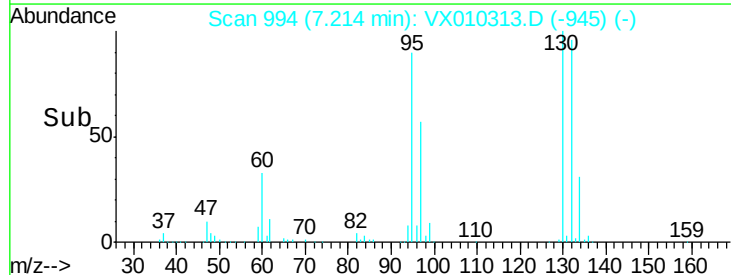
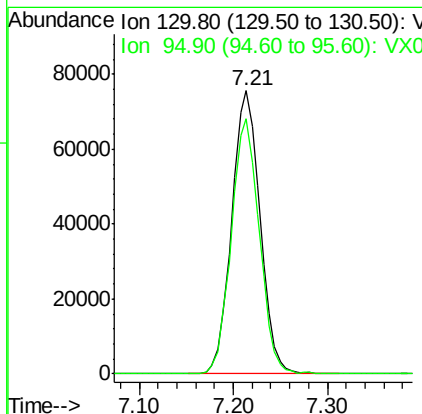
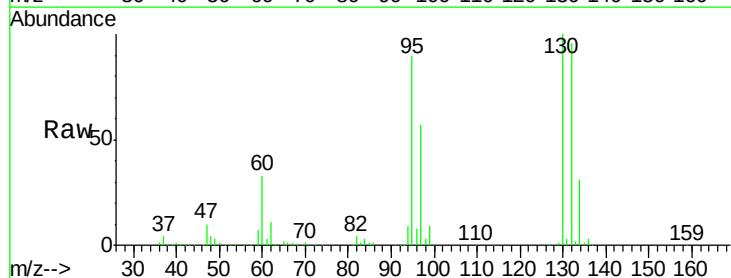
RT: 7.21 min Scan# 994

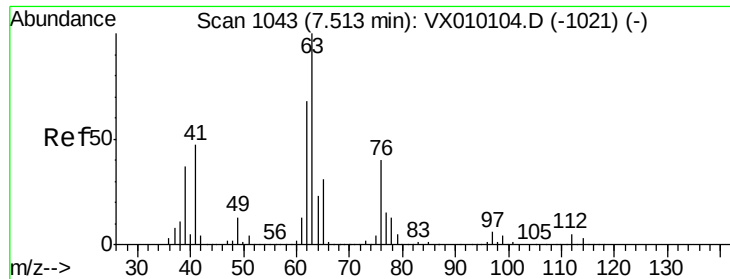
Delta R.T. -0.00 min

Lab File: VX010313.D

Acq: 14 Jun 2019 20:09

Tgt Ion:	130	Resp:	157912
Ion	Ratio	Lower	Upper
130	100		
95	90.1	0.0	207.4





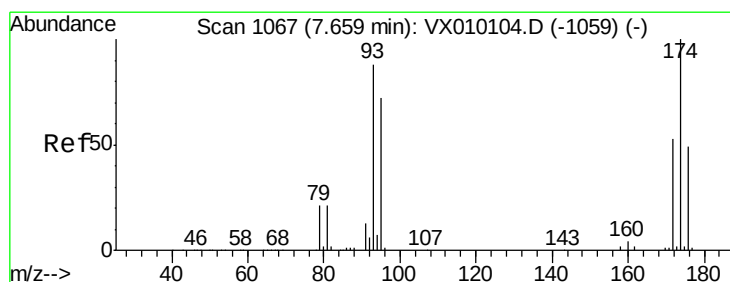
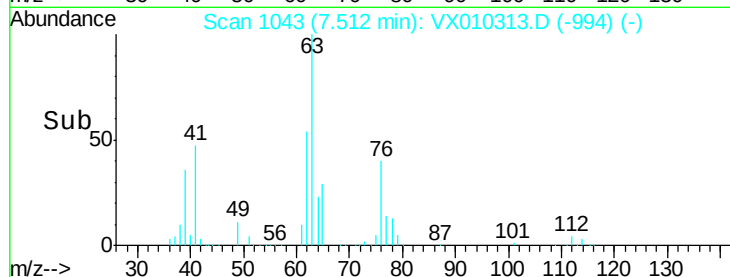
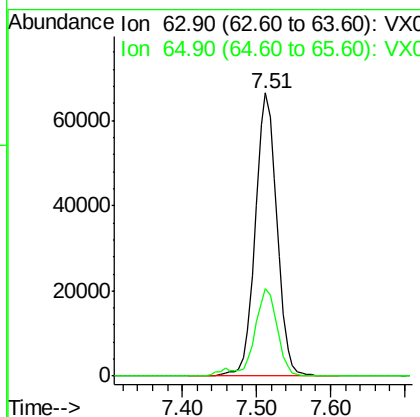
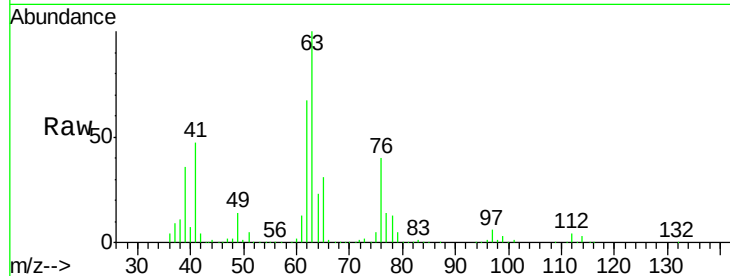
#45
 1,2-Dichloropropane
 Concen: 50.470 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX010313.D
 Acq: 14 Jun 2019 20:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 135836
 Ion Ratio Lower Upper
 63 100
 65 30.8 25.7 38.5

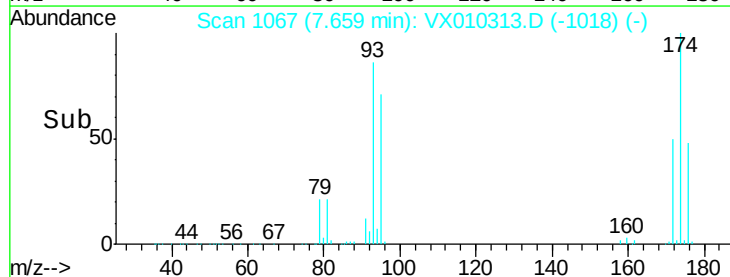
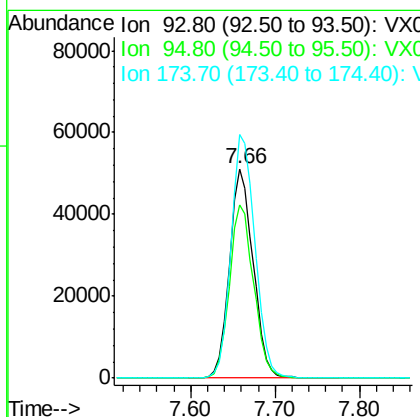
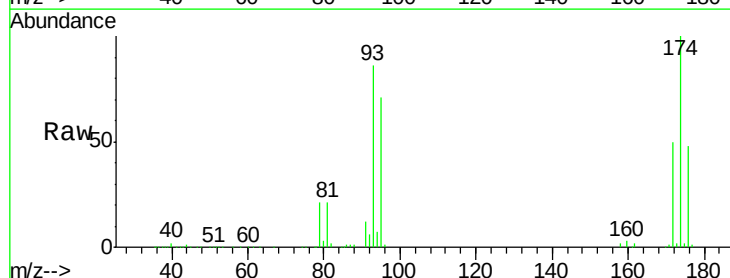
Manual Integrations
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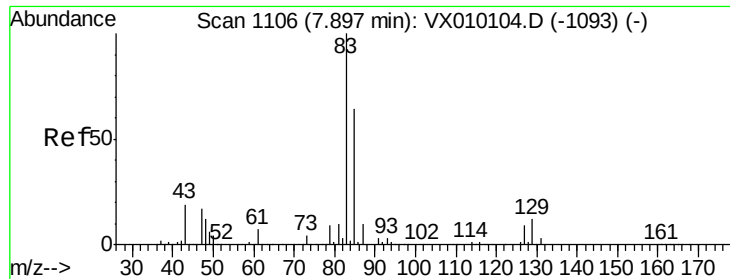
MMDadoda
 6/17/2019 10:35:51 AM



#46
 Dibromomethane
 Concen: 48.291 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX010313.D
 Acq: 14 Jun 2019 20:09

Tgt Ion: 93 Resp: 97372
 Ion Ratio Lower Upper
 93 100
 95 84.6 66.8 100.2
 174 117.6 81.9 122.9





#47

Bromodichloromethane

Concen: 48.434 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX010313.D

Acq: 14 Jun 2019 20:09

Instrument :

MSVOA_X

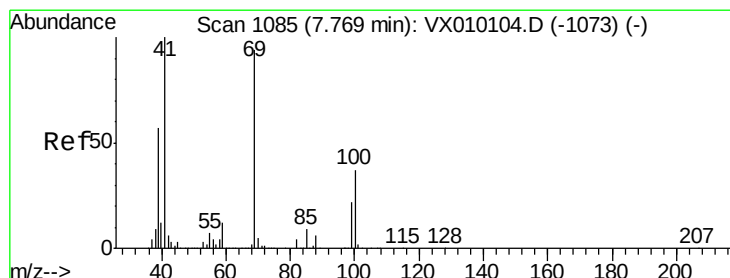
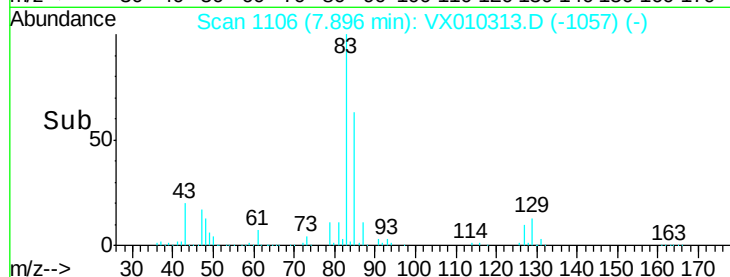
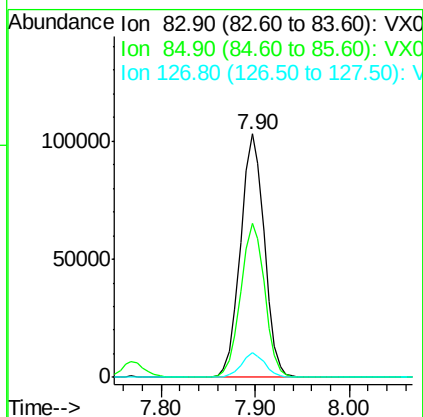
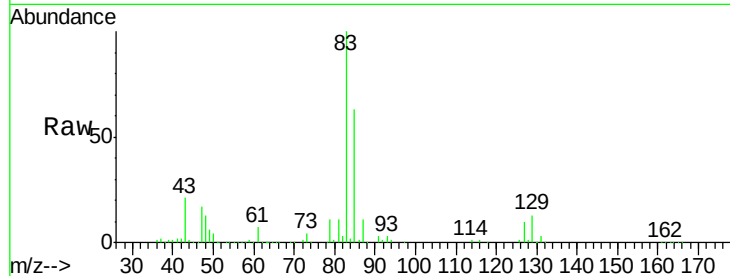
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	182489
Ion Ratio	Lower	Upper	
83	100		
85	63.4	51.4	77.2
127	10.3	6.4	9.6#

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#48

Methyl methacrylate

Concen: 49.917 ug/l

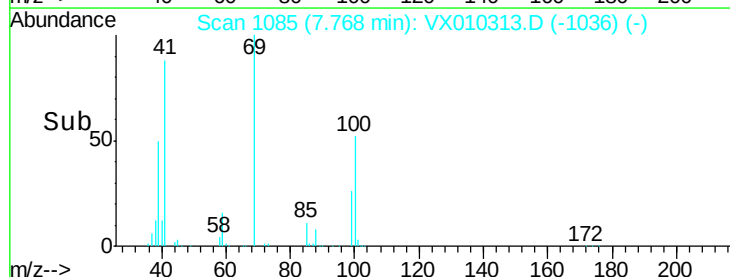
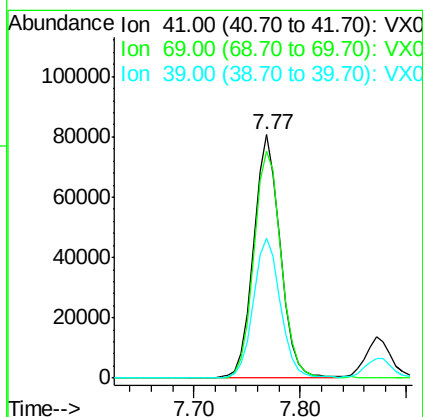
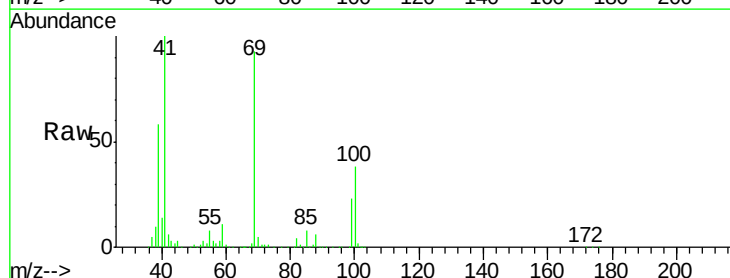
RT: 7.77 min Scan# 1085

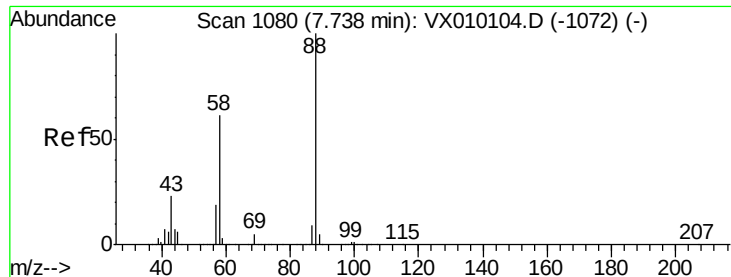
Delta R.T. -0.00 min

Lab File: VX010313.D

Acq: 14 Jun 2019 20:09

Tgt Ion:	41	Resp:	141228
Ion Ratio	Lower	Upper	
41	100		
69	96.6	56.4	84.6#
39	58.1	40.6	60.8





#49

1,4-Dioxane

Concen: 910.760 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.00 min

Lab File: VX010313.D

Acq: 14 Jun 2019 20:09

Instrument :

MSVOA_X

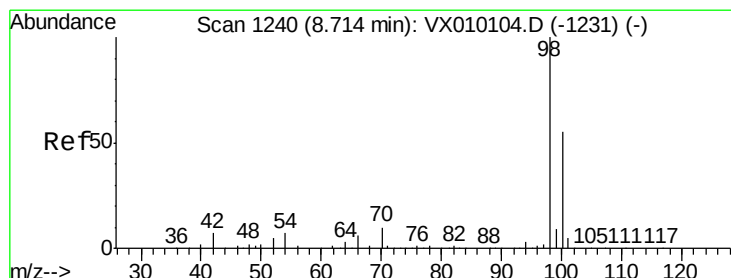
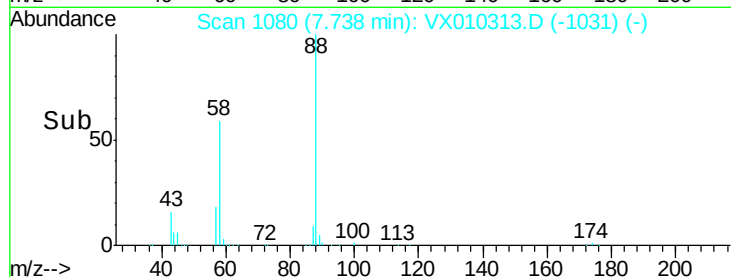
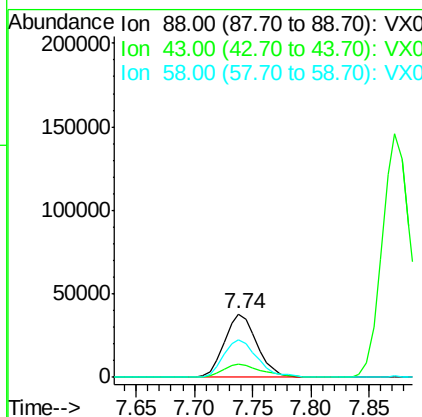
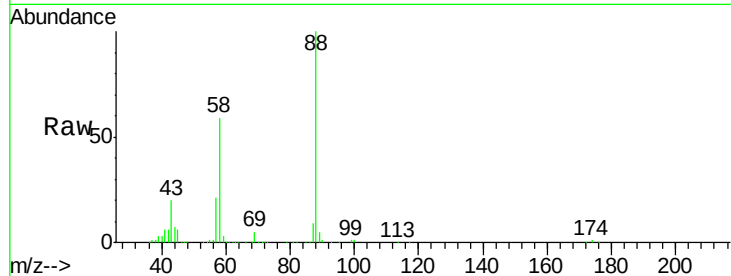
ClientSampleId :

VSTDCCC050EC

Tot Ion:	88	Resp:	73467
Ion	Ratio	Lower	Upper
88	100		
43	25.4	30.2	45.4#
58	62.4	64.0	96.0#

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#50

Toluene-d8

Concen: 49.086 ug/l

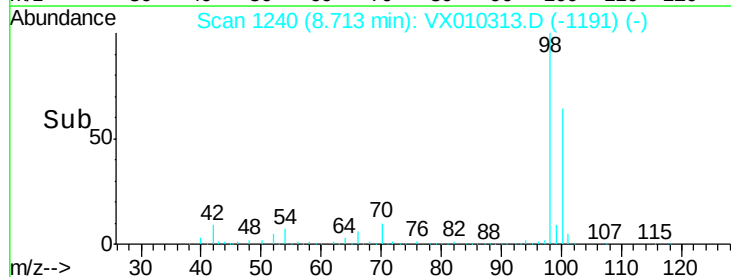
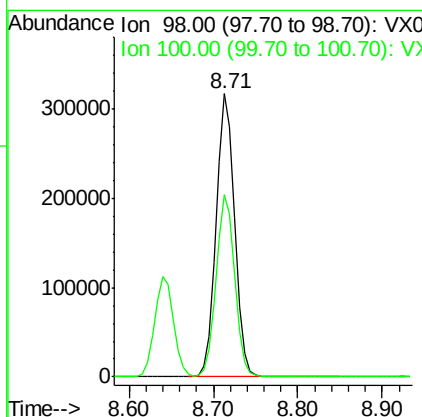
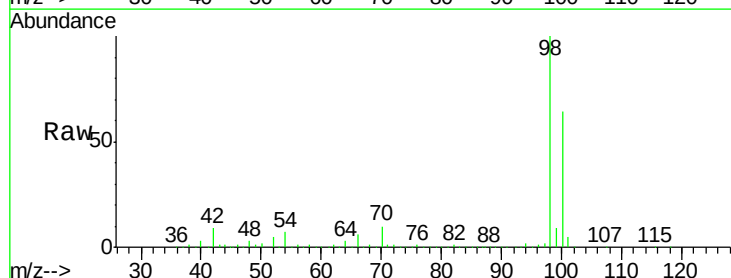
RT: 8.71 min Scan# 1240

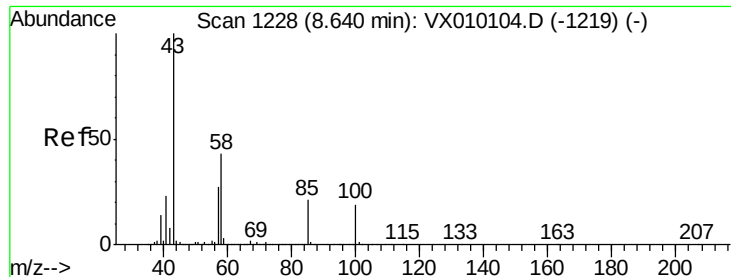
Delta R.T. 0.00 min

Lab File: VX010313.D

Acq: 14 Jun 2019 20:09

Tgt Ion:	98	Resp:	483680
Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.5	77.3





#51

4-Methyl-2-Pentanone

Concen: 264.386 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX010313.D

Acq: 14 Jun 2019 20:09

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050EC

Tot Ion: 43 Resp: 95513

Ion Ratio Lower Upper

43 100

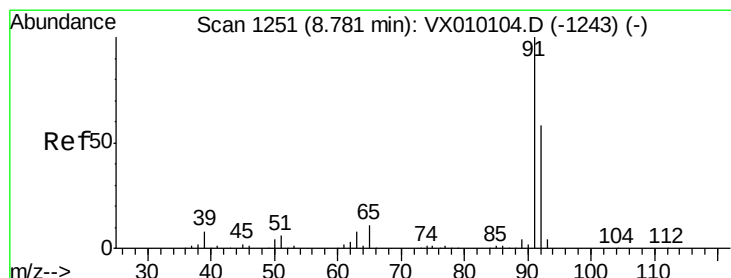
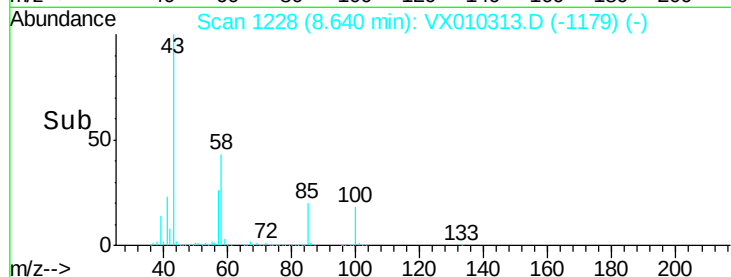
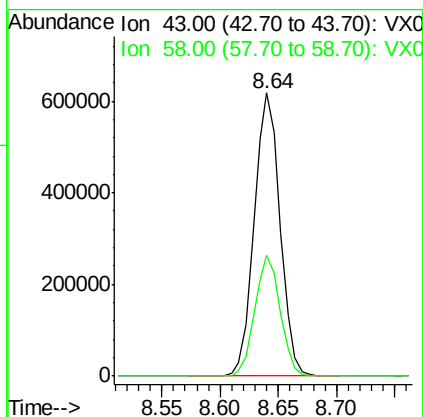
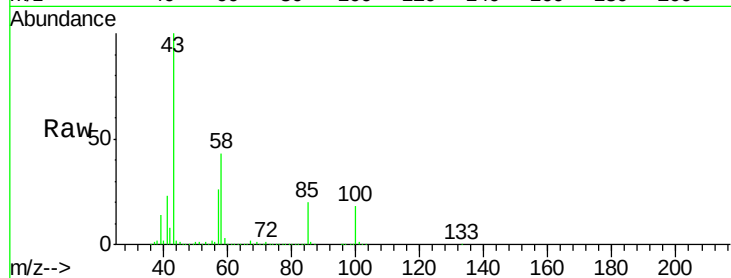
58 41.9 28.8 43.2

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#52

Toluene

Concen: 49.759 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX010313.D

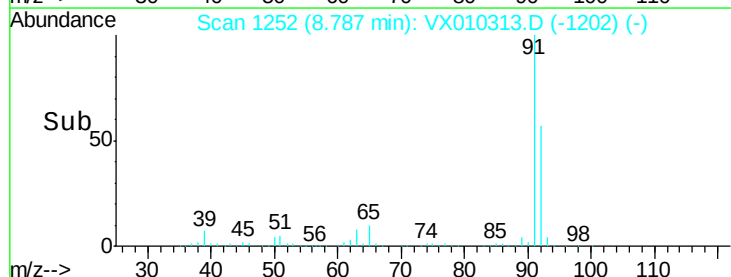
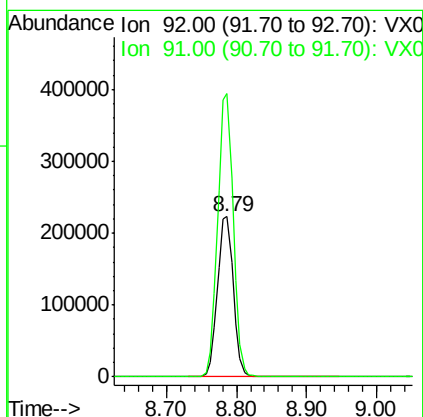
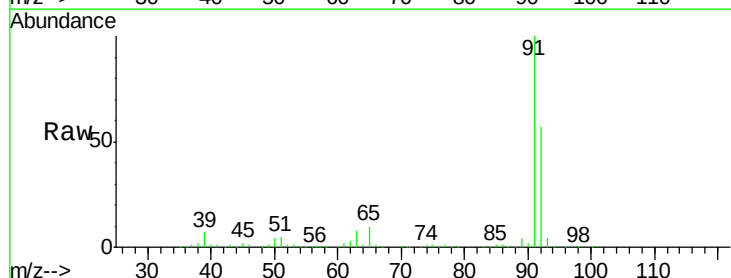
Acq: 14 Jun 2019 20:09

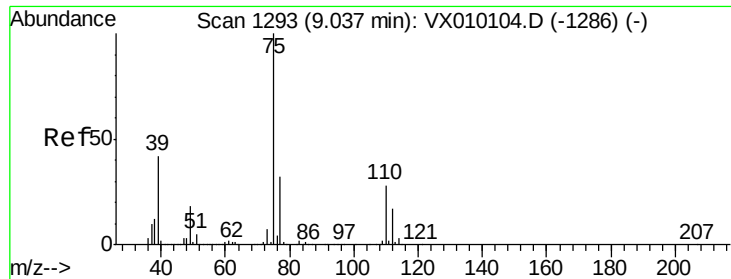
Tgt Ion: 92 Resp: 351724

Ion Ratio Lower Upper

92 100

91 174.3 139.9 209.9





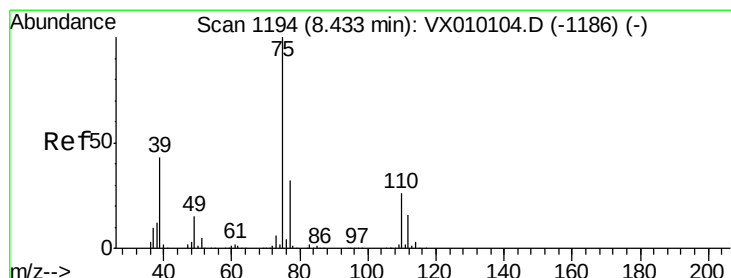
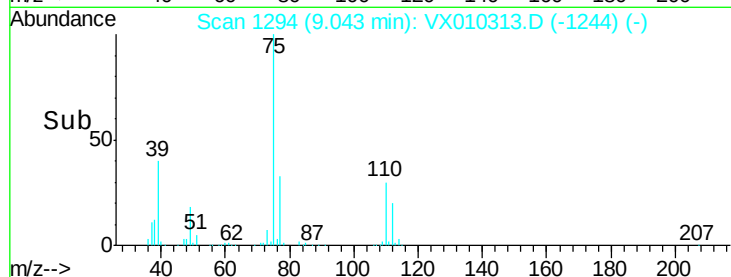
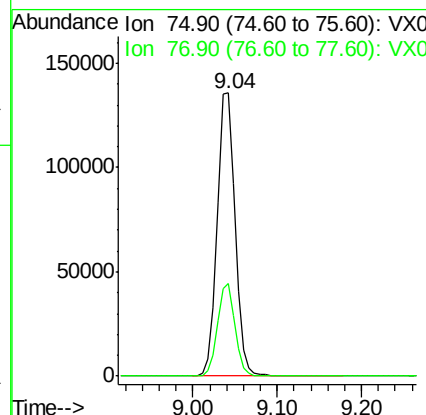
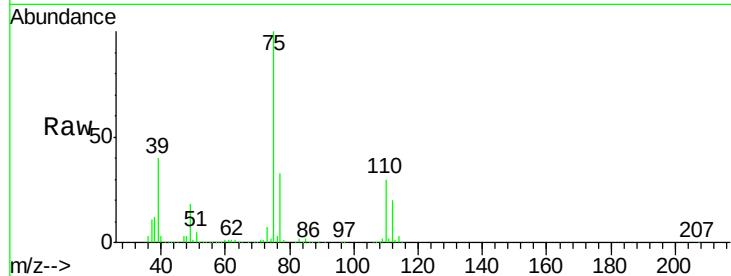
#53
t-1,3-Dichloropropene
Concen: 46.397 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.01 min
Lab File: VX010313.D
Acq: 14 Jun 2019 20:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.5	24.6	36.8

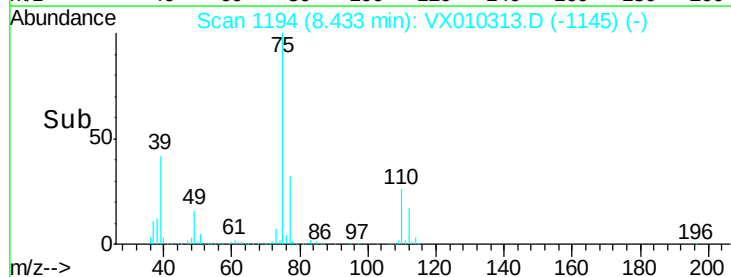
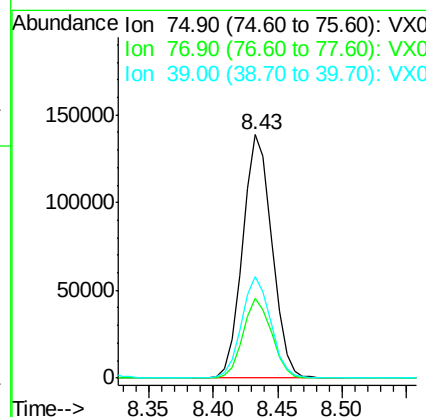
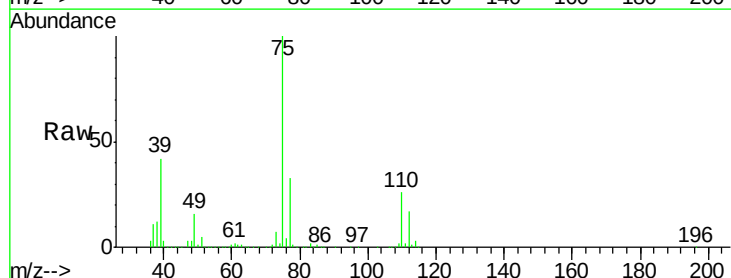
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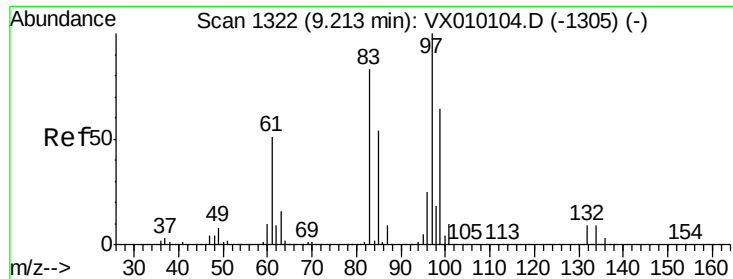
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 46.737 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX010313.D
Acq: 14 Jun 2019 20:09

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.5	24.8	37.2
39	41.7	43.4	65.0#





#55

1,1,2-Trichloroethane

Concen: 51.522 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX010313.D

Acq: 14 Jun 2019 20:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 149150
Ion Ratio Lower Upper

97 100

83 84.4 69.8 104.8

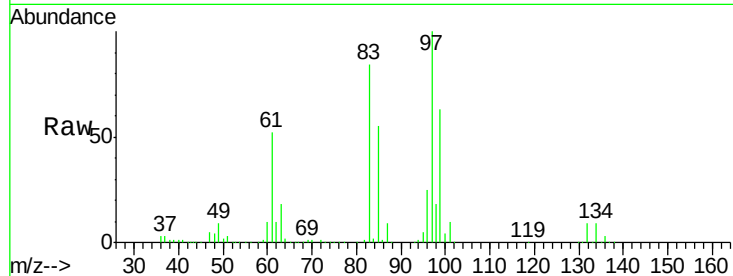
85 55.3 45.3 67.9

99 63.3 49.0 73.4

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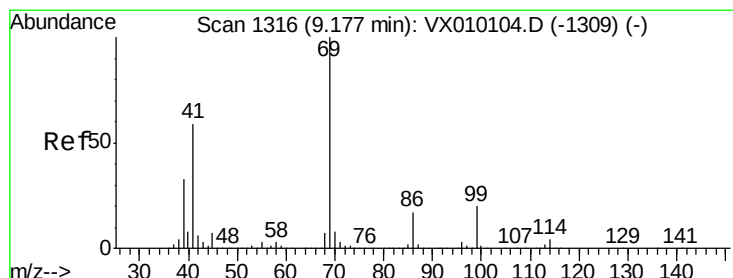
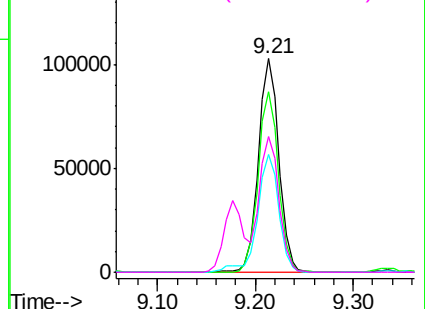
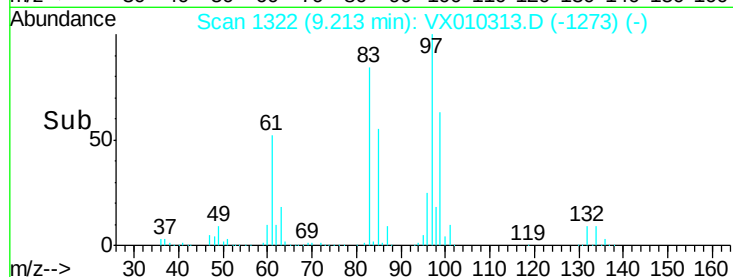
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 50.319 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX010313.D

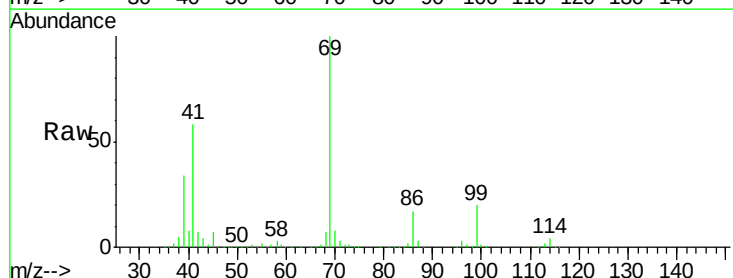
Acq: 14 Jun 2019 20:09

Tgt Ion: 69 Resp: 230102
Ion Ratio Lower Upper

69 100

41 58.4 62.7 94.1#

39 33.8 29.5 44.3

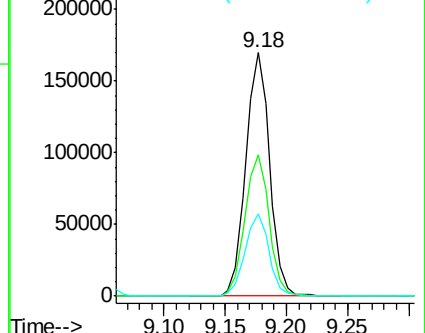
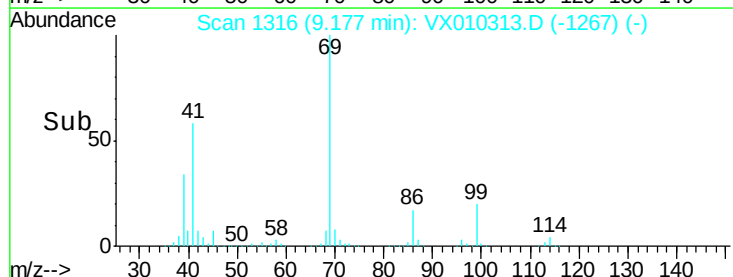


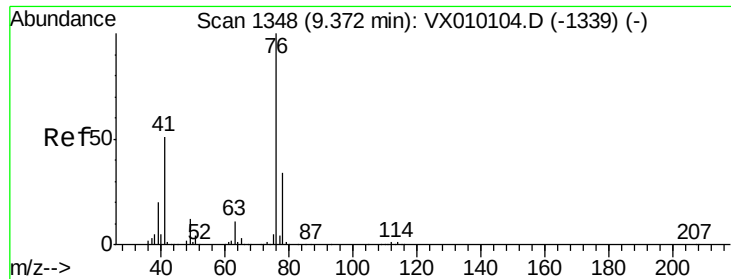
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 50.591 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX010313.D

Acq: 14 Jun 2019 20:09

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050EC

Tot Ion: 76 Resp: 230567

Ion Ratio Lower Upper

76 100

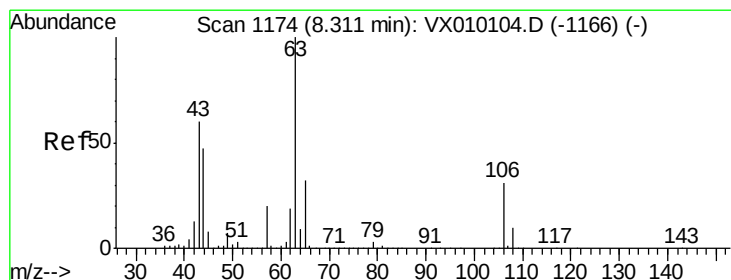
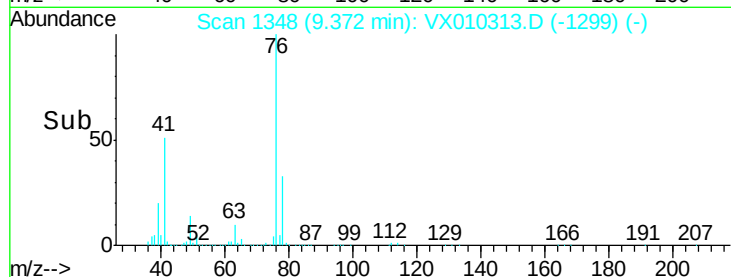
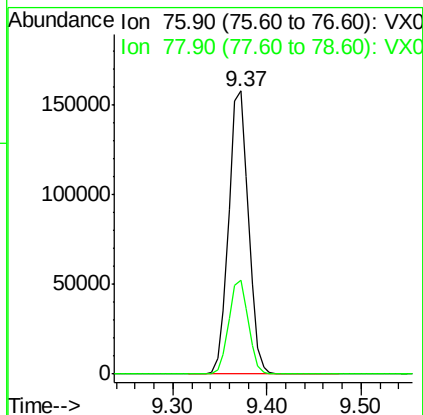
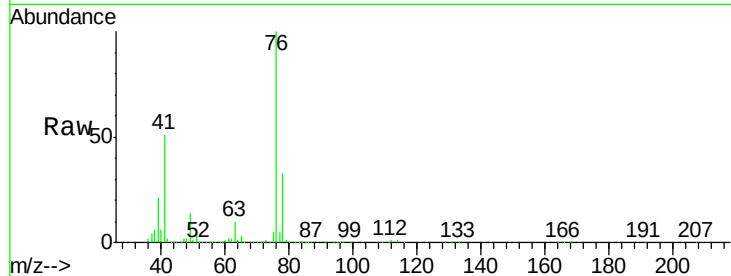
78 32.8 25.4 38.0

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#58

2-Chloroethyl Vinyl ether

Concen: 245.572 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX010313.D

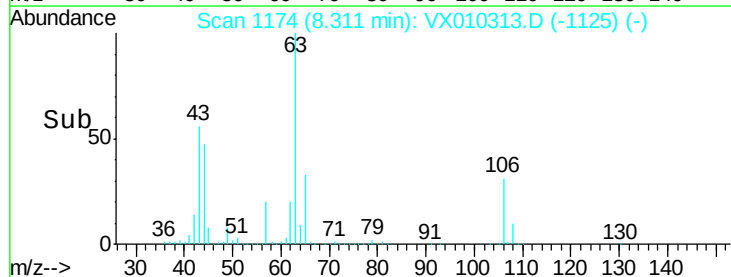
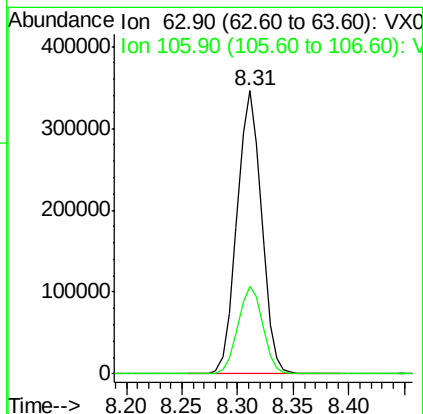
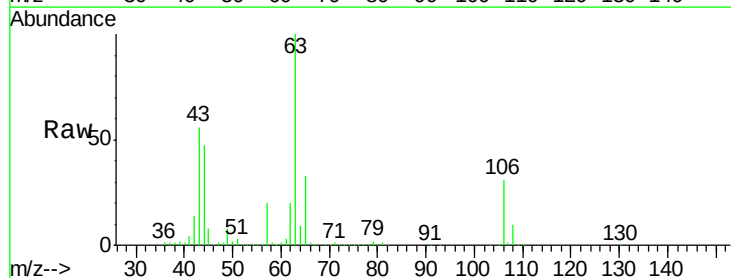
Acq: 14 Jun 2019 20:09

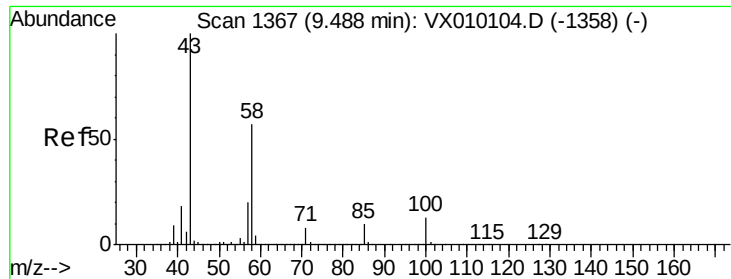
Tgt Ion: 63 Resp: 529395

Ion Ratio Lower Upper

63 100

106 31.3 19.4 29.2#





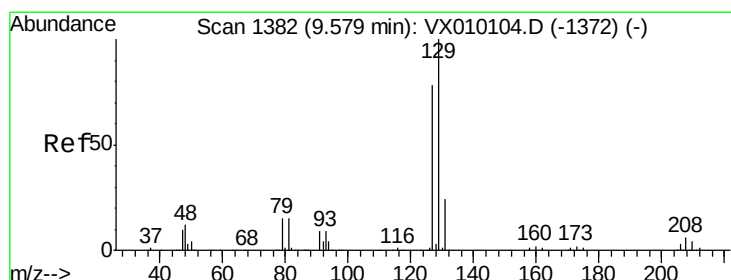
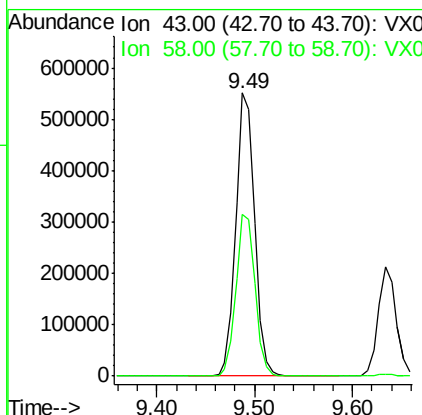
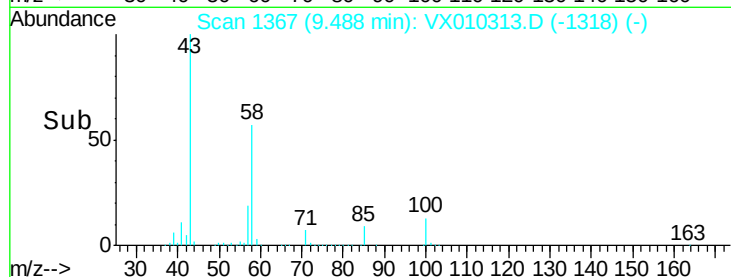
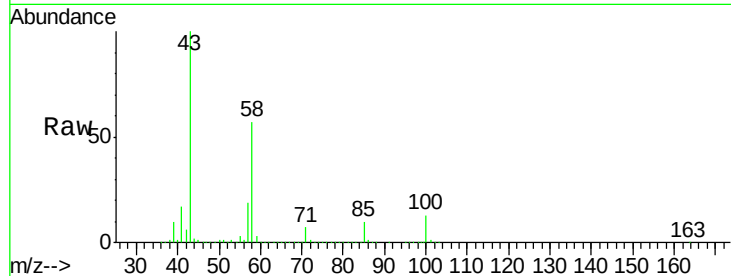
#59
2-Hexanone
Concen: 255.247 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX010313.D
Acq: 14 Jun 2019 20:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 735506
Ion Ratio Lower Upper
43 100
58 58.3 25.1 75.3

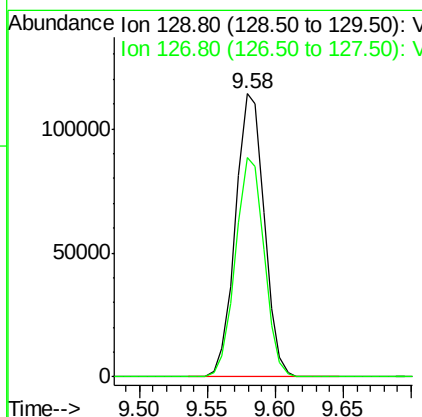
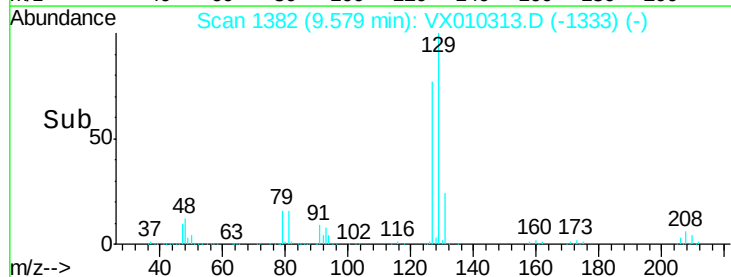
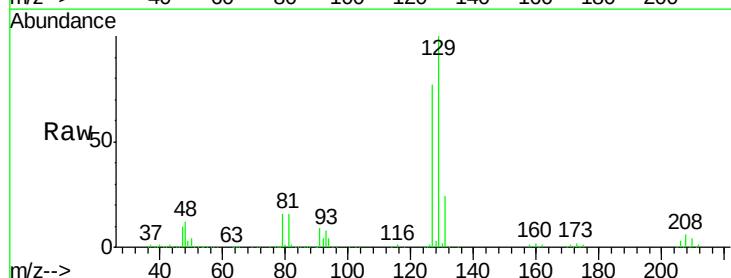
Manual Integrations
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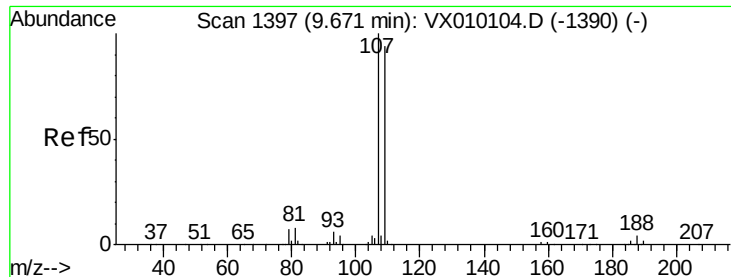
MMDadoda
6/17/2019 10:35:51 AM



#60
Dibromochloromethane
Concen: 49.202 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX010313.D
Acq: 14 Jun 2019 20:09

Tgt Ion: 129 Resp: 168474
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.5





#61

1,2-Dibromoethane

Concen: 49.730 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX010313.D

Acq: 14 Jun 2019 20:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:107 Resp: 160336

Ion Ratio Lower Upper

107 100

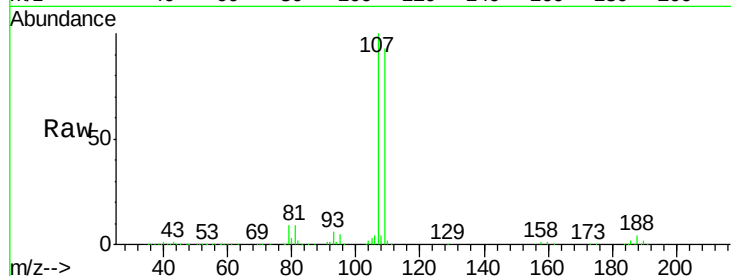
109 95.2 75.4 113.2

Manual Integrations

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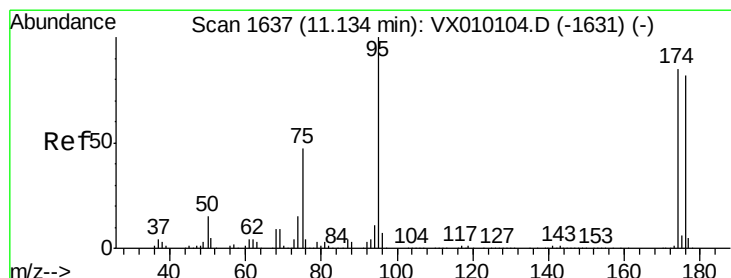
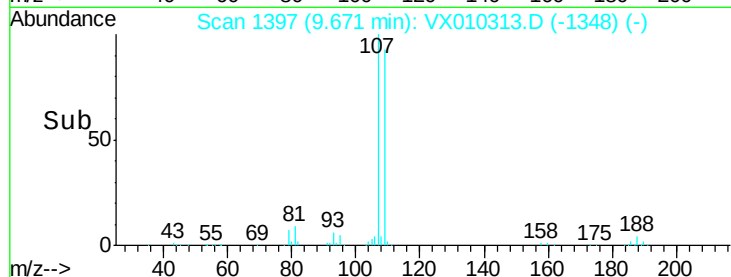
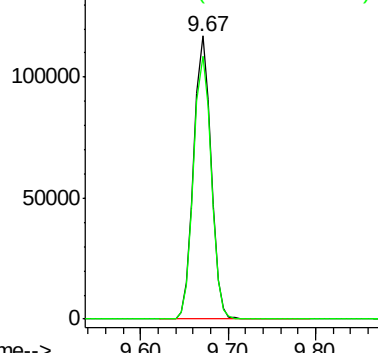
MMDadoda

6/17/2019 10:35:51 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.210 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010313.D

Acq: 14 Jun 2019 20:09

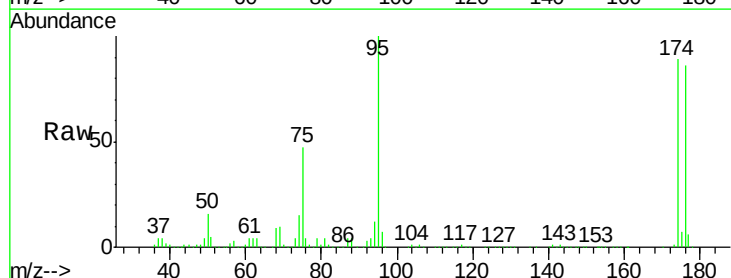
Tgt Ion: 95 Resp: 177410

Ion Ratio Lower Upper

95 100

174 94.1 0.0 160.4

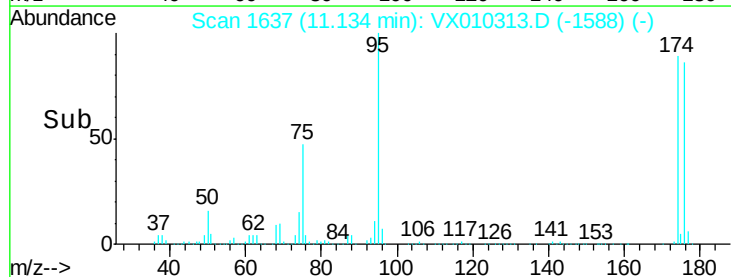
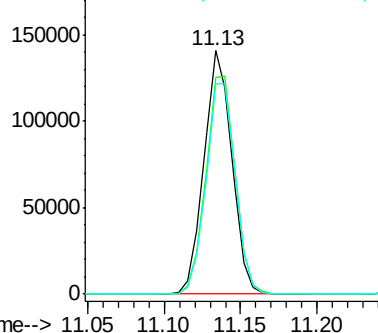
176 91.1 0.0 154.6

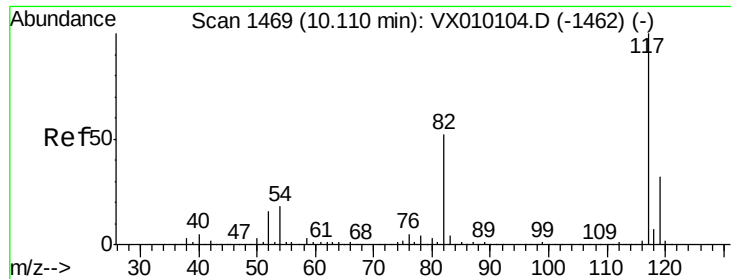


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





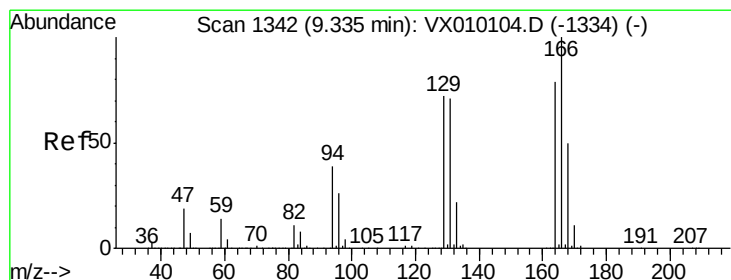
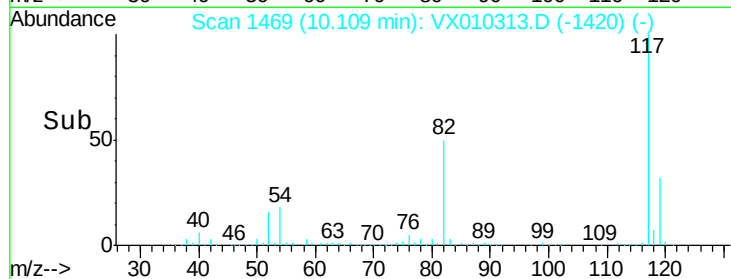
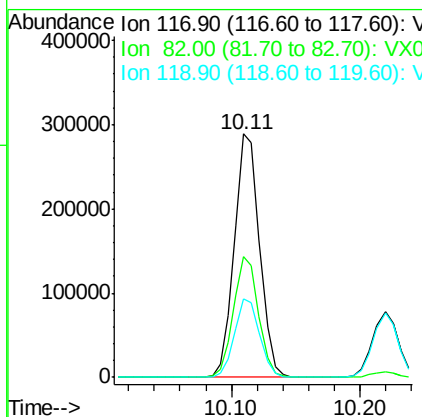
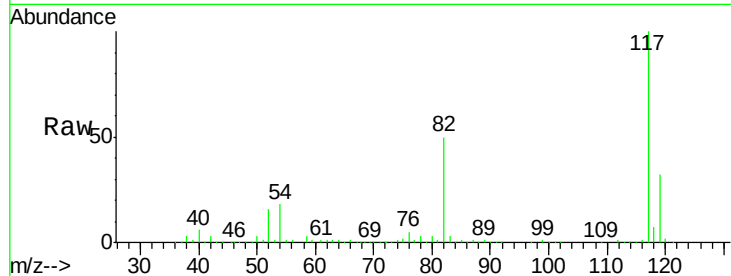
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010313.D
Acq: 14 Jun 2019 20:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	49.8	49.2	73.8
119	32.2	25.2	37.8

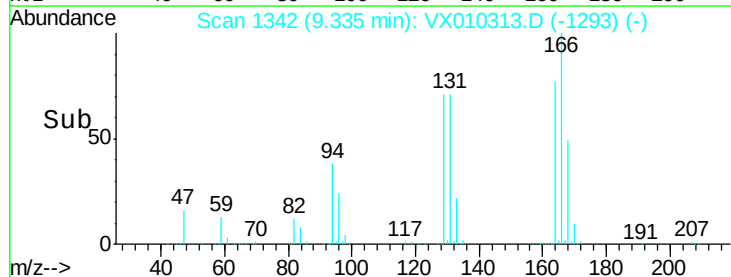
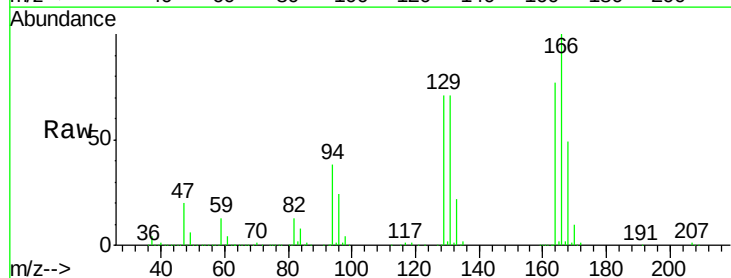
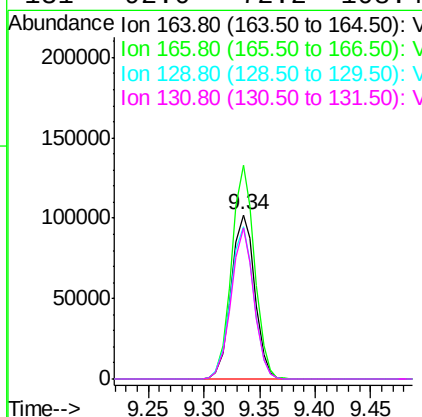
Manual Integrations
APPROVED

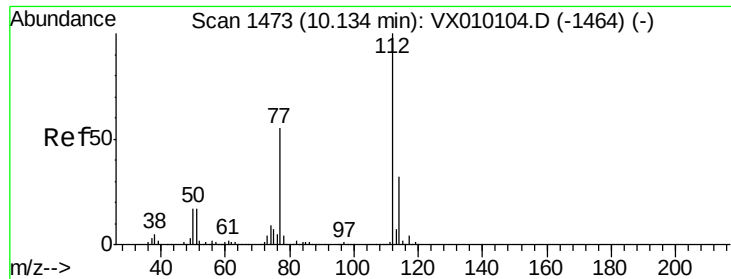
MMDadoda
6/17/2019 10:35:51 AM



#64
Tetrachloroethene
Concen: 50.963 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010313.D
Acq: 14 Jun 2019 20:09

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.9	105.0	157.4
129	92.3	75.1	112.7
131	92.0	72.2	108.4





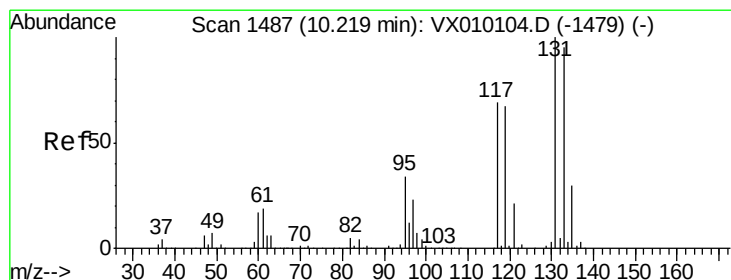
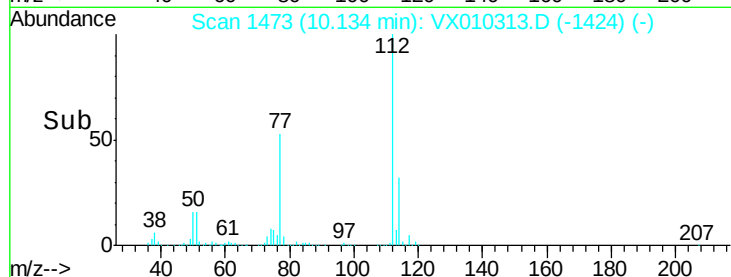
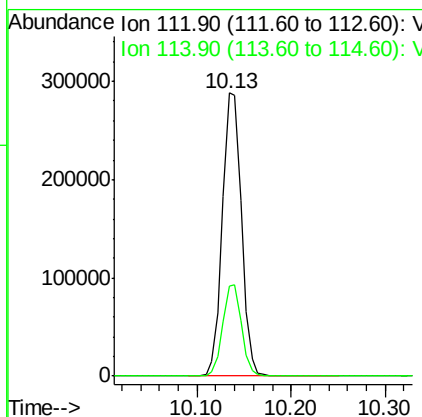
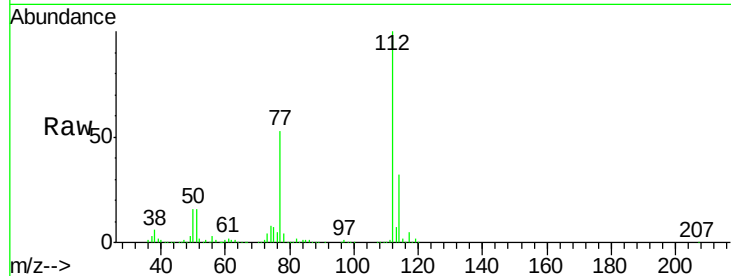
#65
Chlorobenzene
Concen: 49.780 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX010313.D
Acq: 14 Jun 2019 20:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 406004
Ion Ratio Lower Upper
112 100
114 31.9 25.8 38.8

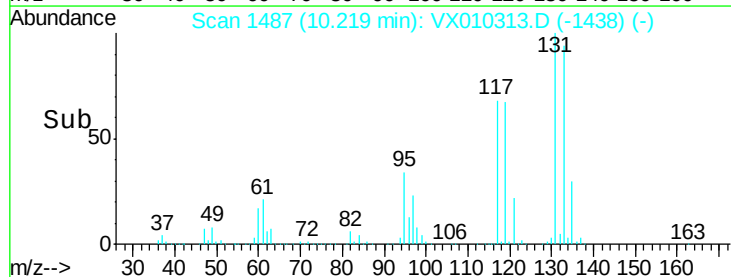
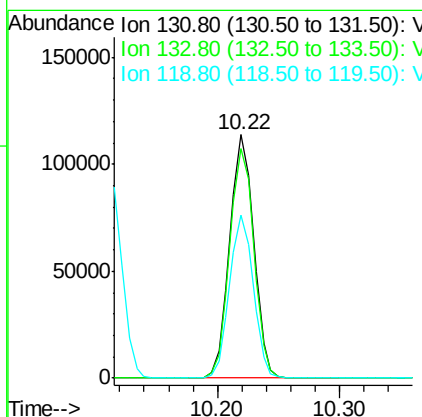
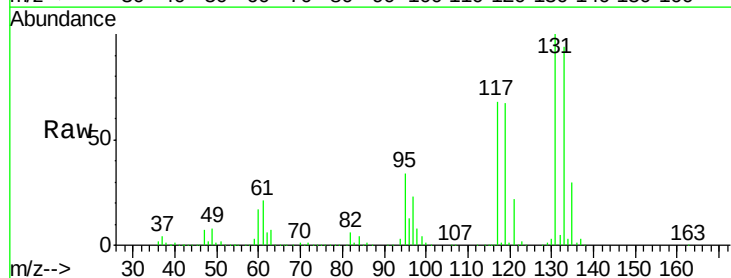
Manual Integrations
APPROVED

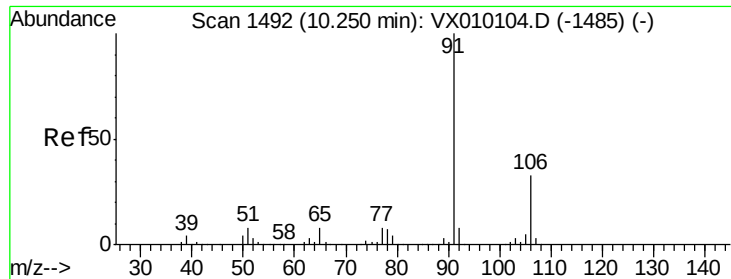
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.194 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX010313.D
Acq: 14 Jun 2019 20:09

Tgt Ion:131 Resp: 154298
Ion Ratio Lower Upper
131 100
133 95.1 47.5 142.6
119 66.4 33.4 100.1





#67

Ethyl Benzene

Concen: 49.227 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX010313.D

Acq: 14 Jun 2019 20:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 683488

Ion Ratio Lower Upper

91 100

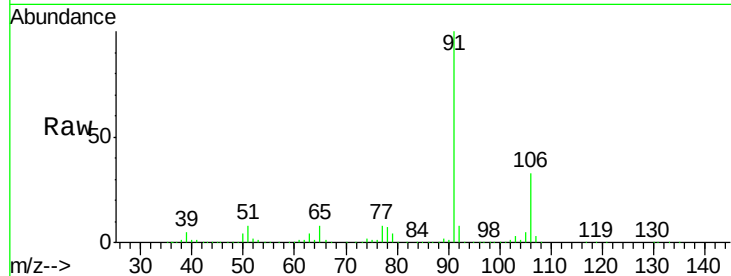
106 33.0 23.9 35.9

Manual Integrations

APPROVED

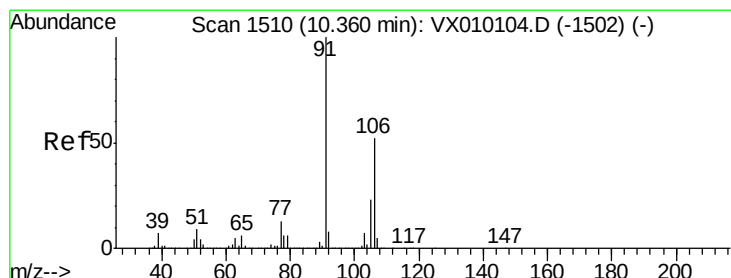
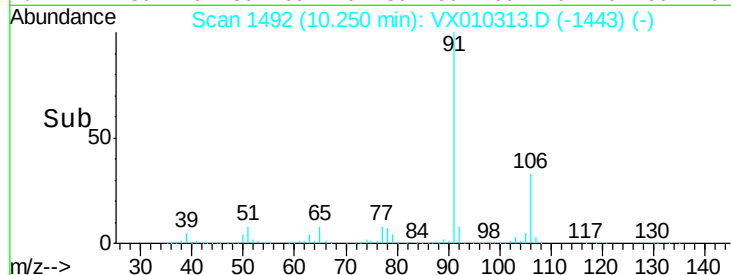
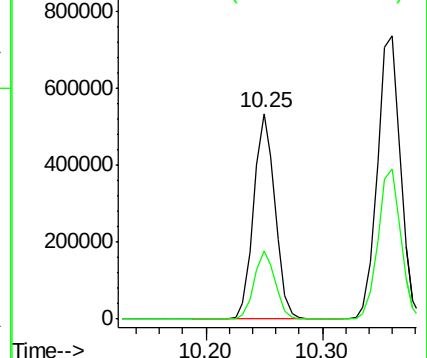
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 98.697 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX010313.D

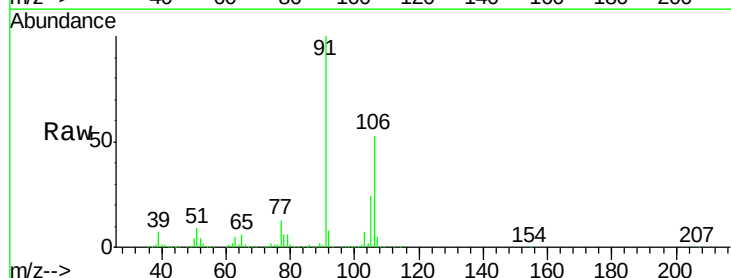
Acq: 14 Jun 2019 20:09

Tgt Ion: 106 Resp: 530287

Ion Ratio Lower Upper

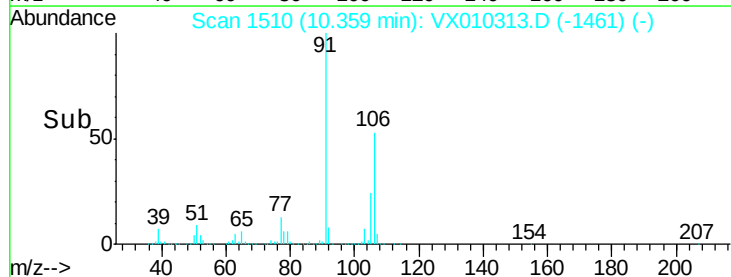
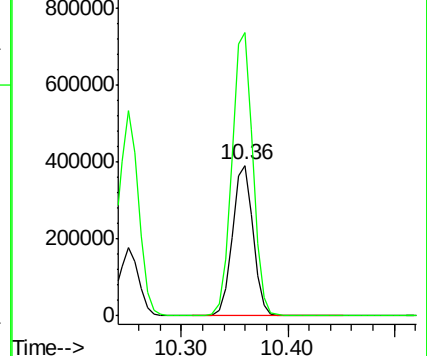
106 100

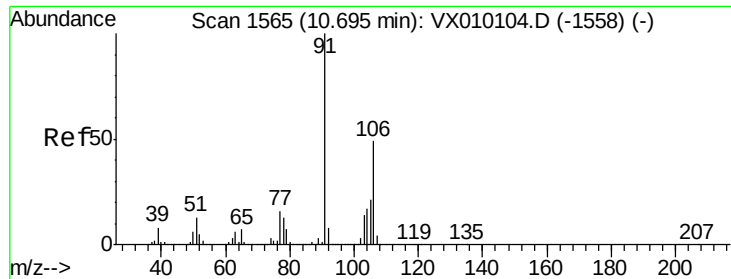
91 191.3 167.3 250.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





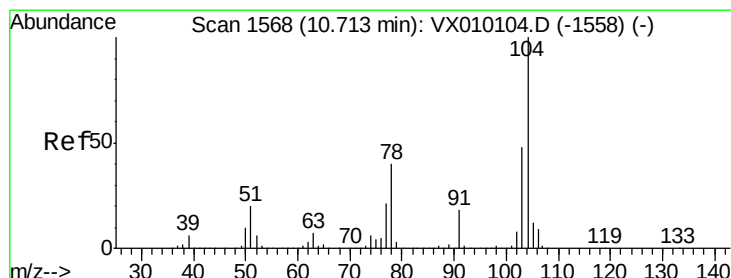
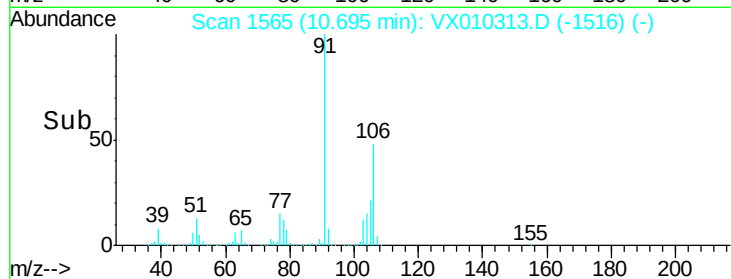
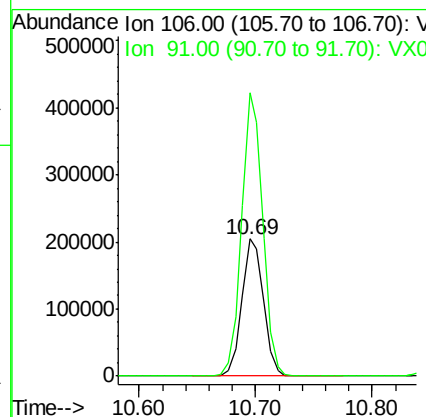
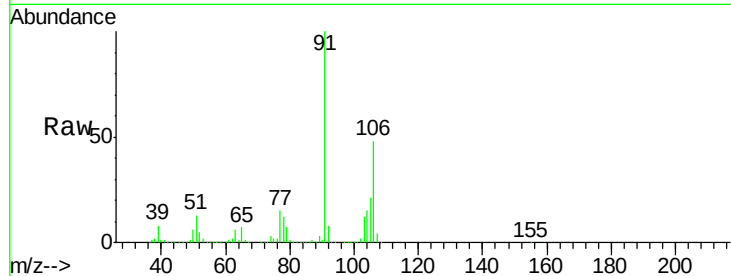
#69
o-Xylene
Concen: 49.251 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010313.D
Acq: 14 Jun 2019 20:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	263044		
91	91	202.2	110.4	331.2	

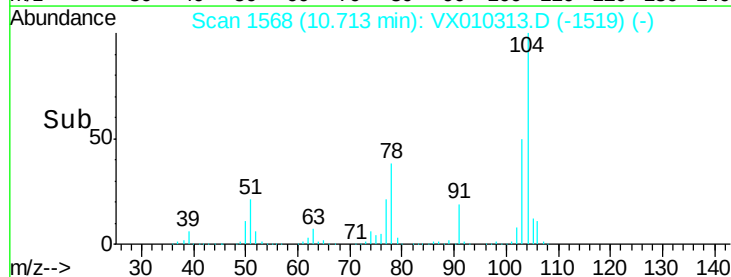
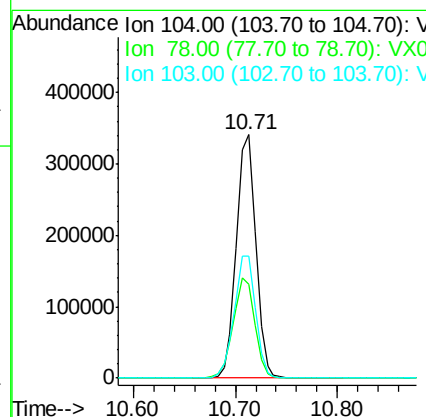
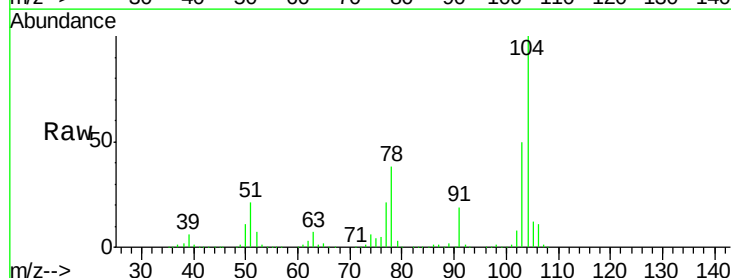
Manual Integrations
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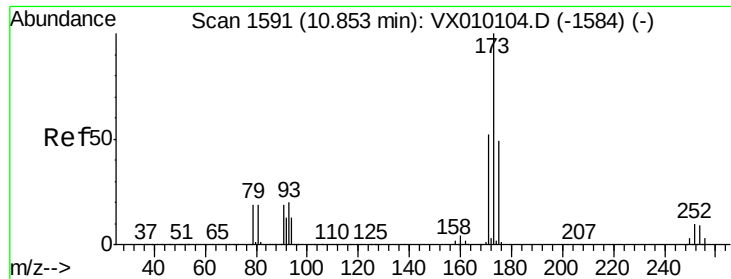
MMDadoda
6/17/2019 10:35:51 AM



#70
Styrene
Concen: 49.627 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX010313.D
Acq: 14 Jun 2019 20:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	448906		
78	78	45.6	42.1	63.1	
103	103	55.2	44.1	66.1	





#71

Bromoform

Concen: 47.244 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX010313.D

Acq: 14 Jun 2019 20:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 136223

Ion Ratio Lower Upper

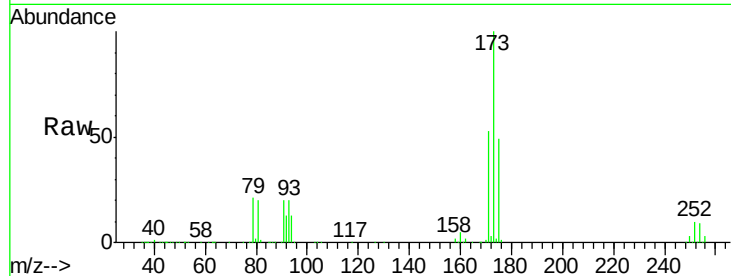
173 100

175 49.1 25.0 75.0

254 0.1 0.2 0.2#

Manual Integrations
APPROVED

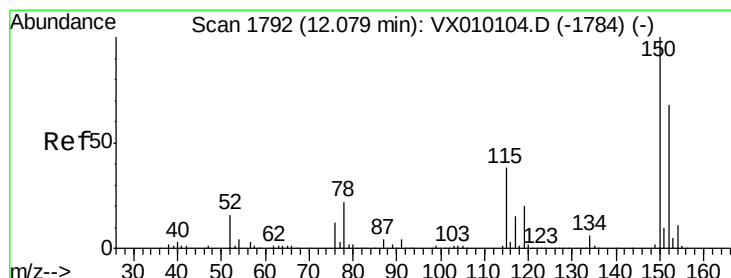
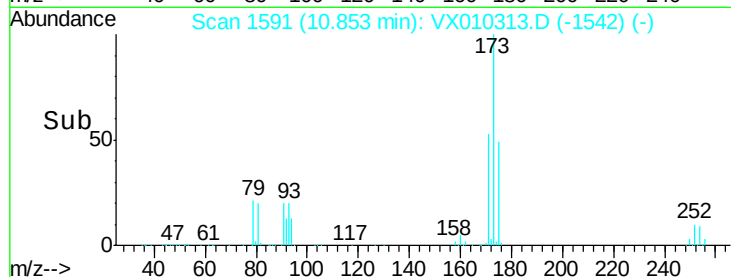
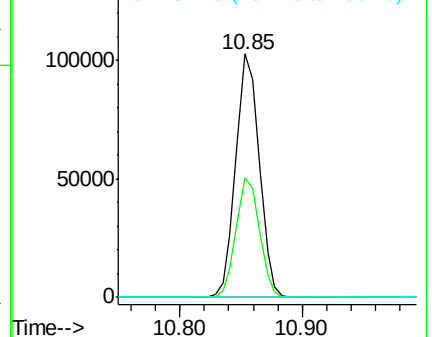
MMDadoda
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Abundance Ion 172.70 (172.40 to 173.40): V

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: VX010313.D

Acq: 14 Jun 2019 20:09

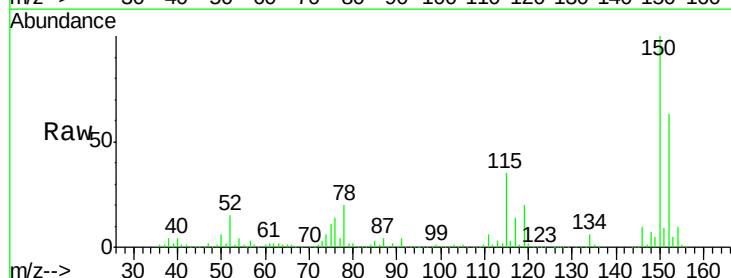
Tgt Ion:152 Resp: 201314

Ion Ratio Lower Upper

152 100

115 77.0 41.4 124.2

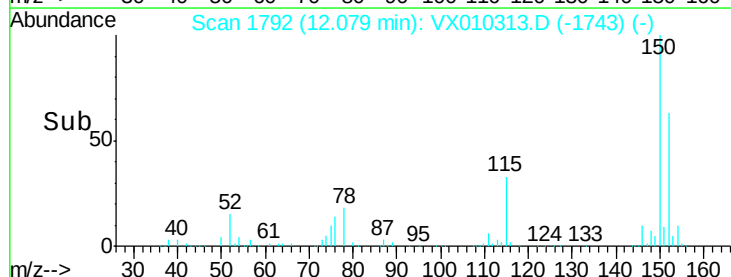
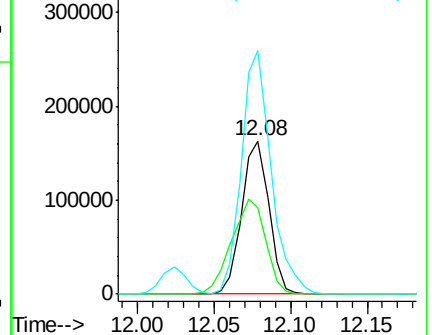
150 173.6 0.0 345.2

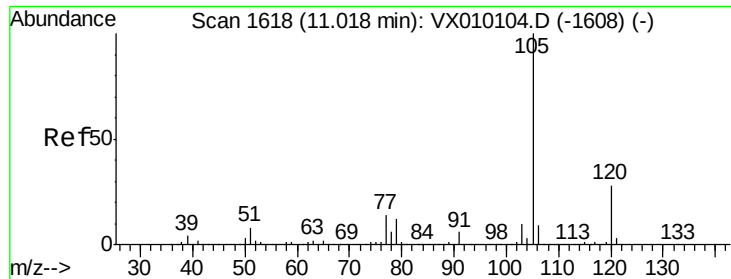


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.275 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX010313.D

Acq: 14 Jun 2019 20:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 692467

Ion Ratio Lower Upper

105 100

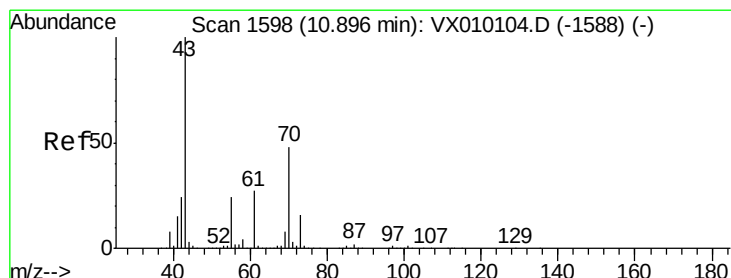
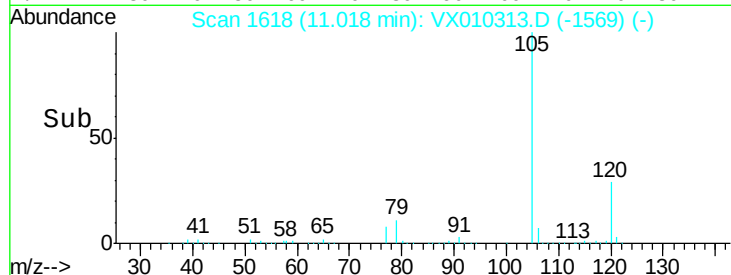
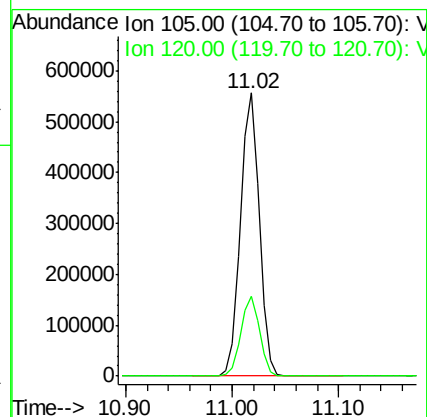
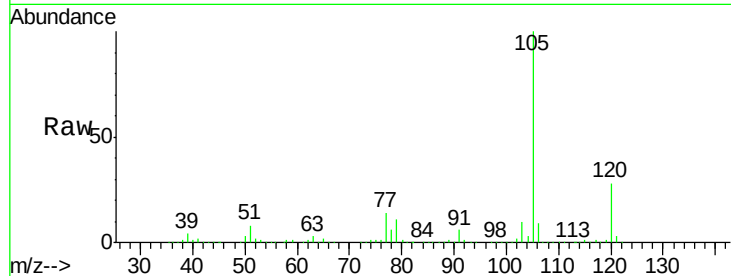
120 28.0 12.8 38.4

Manual Integrations

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6/17/2019 10:35:51 AM



#74

N-ethyl acetate

Concen: 48.927 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX010313.D

Acq: 14 Jun 2019 20:09

Tgt Ion: 43 Resp: 271796

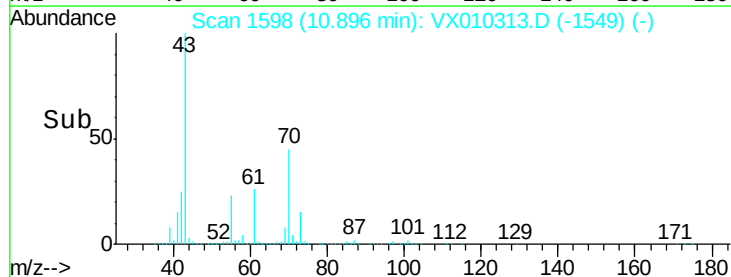
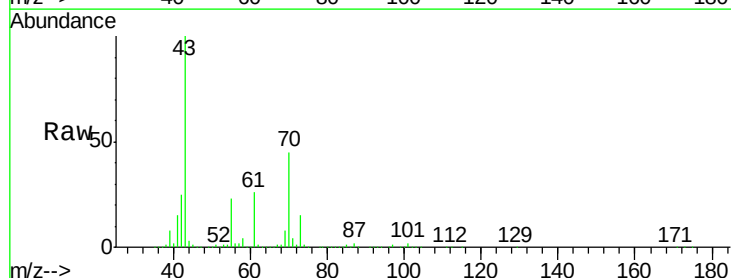
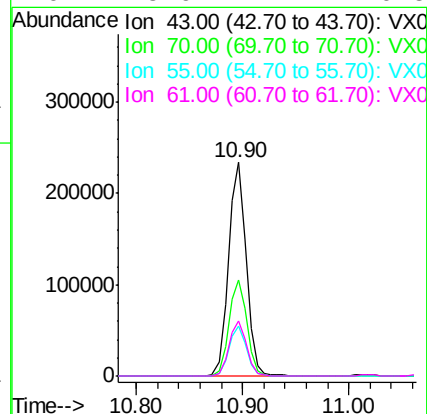
Ion Ratio Lower Upper

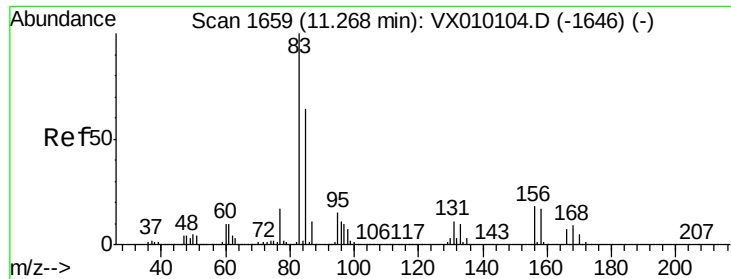
43 100

70 45.9 28.6 43.0#

55 23.5 17.8 26.8

61 25.9 17.7 26.5





#75

1,1,2,2-Tetrachloroethane

Concen: 48.967 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX010313.D

Acq: 14 Jun 2019 20:09

Instrument :

MSVOA_X

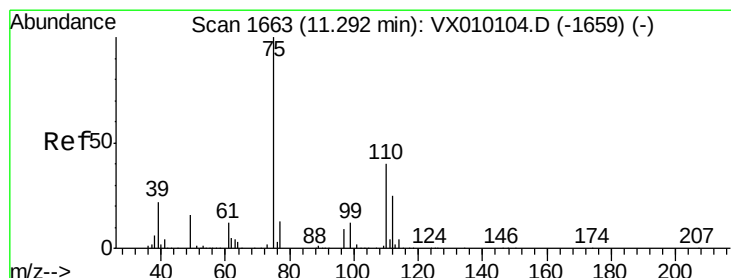
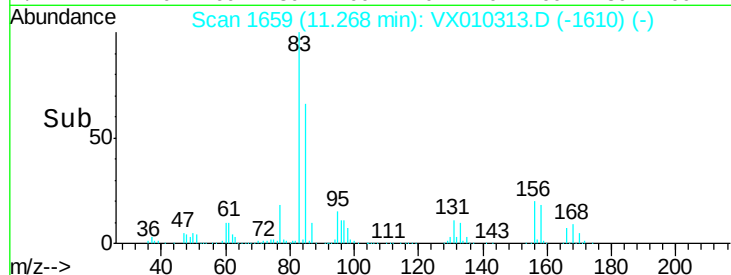
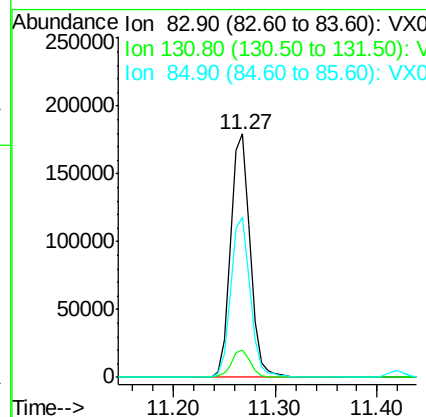
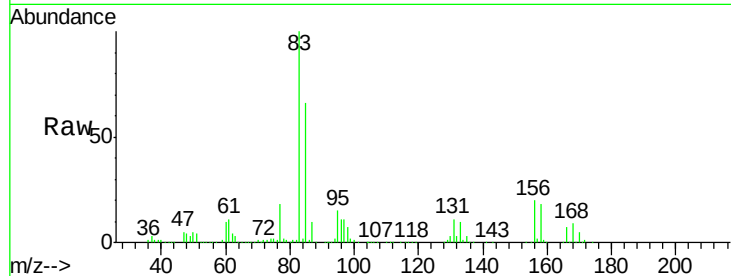
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	235554
Ion Ratio	Lower	Upper	
83	100		
131	11.1	4.7	14.1
85	65.7	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 47.013 ug/l m

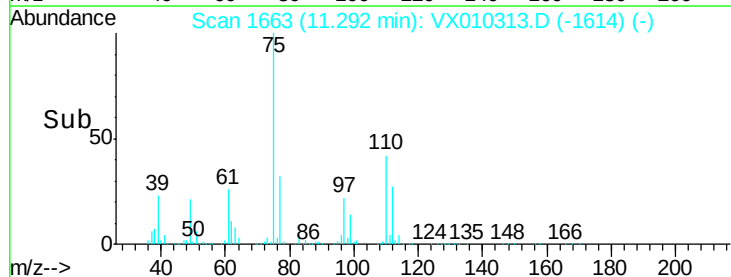
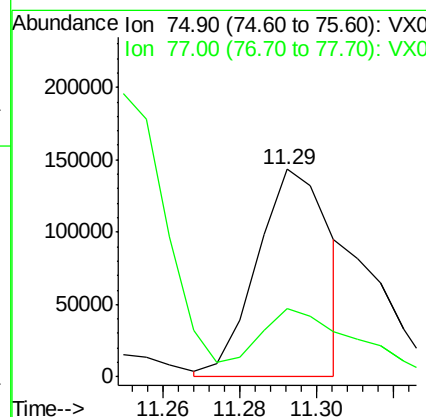
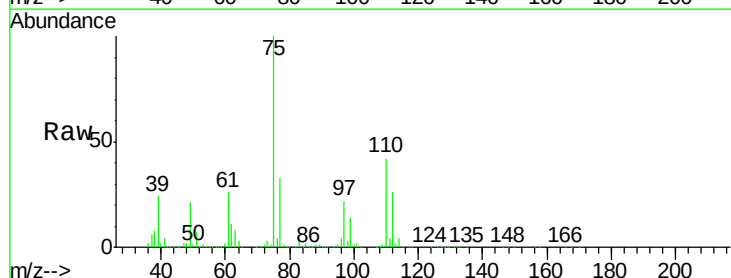
RT: 11.29 min Scan# 1663

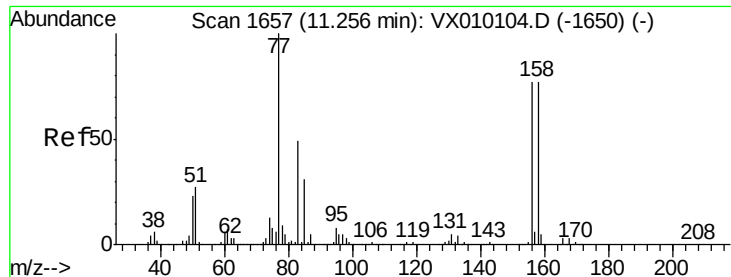
Delta R.T. -0.00 min

Lab File: VX010313.D

Acq: 14 Jun 2019 20:09

Tgt Ion:	75	Resp:	189307
Ion Ratio	Lower	Upper	
75	100		
77	44.4	22.1	66.1





#77

Bromobenzene

Concen: 49.270 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX010313.D

Acq: 14 Jun 2019 20:09

Instrument :

MSVOA_X

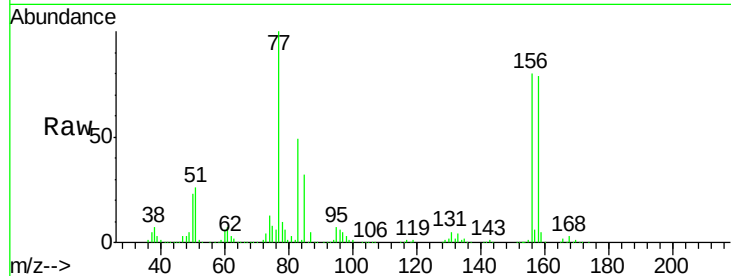
ClientSampleId :

VSTDCCC050EC

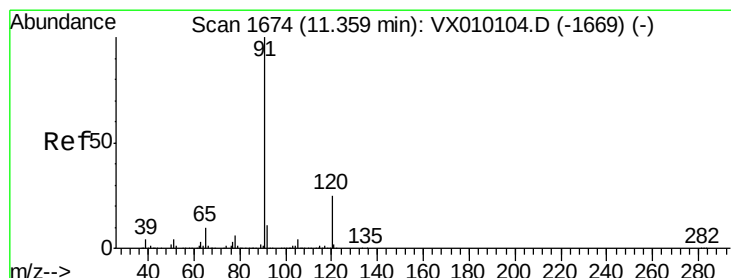
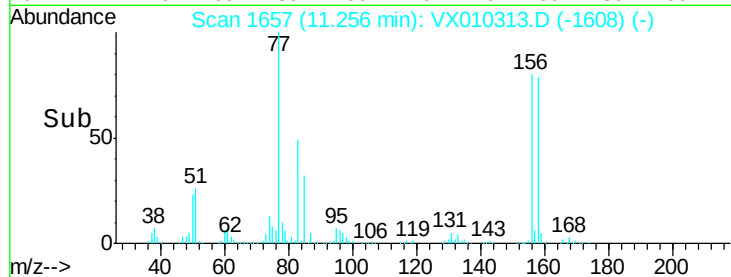
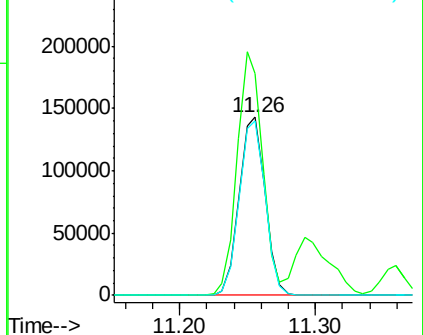
Tot Ion:	156	Resp:	190405
Ion Ratio	Lower	Upper	
156	100		
77	133.2	86.8	260.3
158	97.9	49.6	148.8

Manual Integrations
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Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VX0
Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.894 ug/l

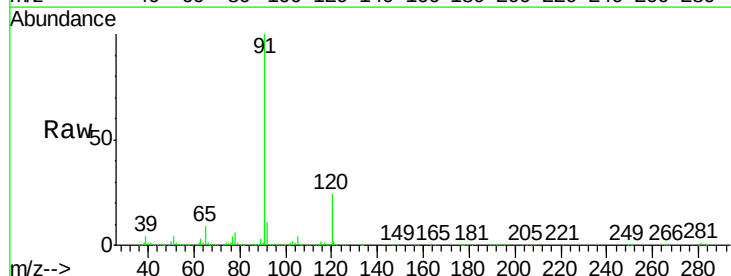
RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

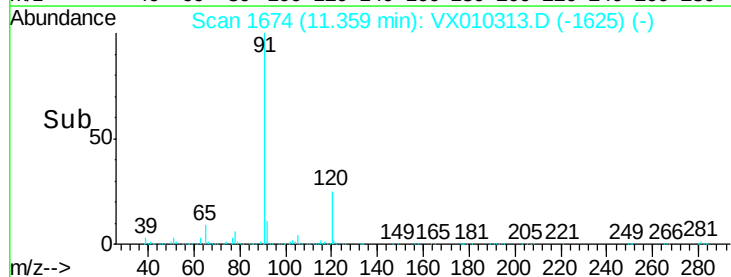
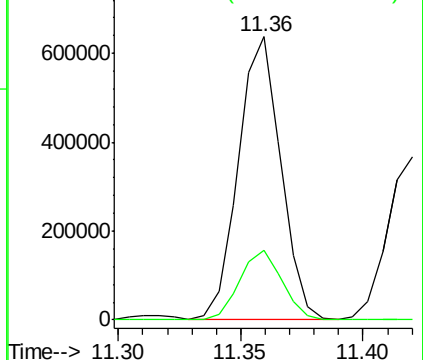
Lab File: VX010313.D

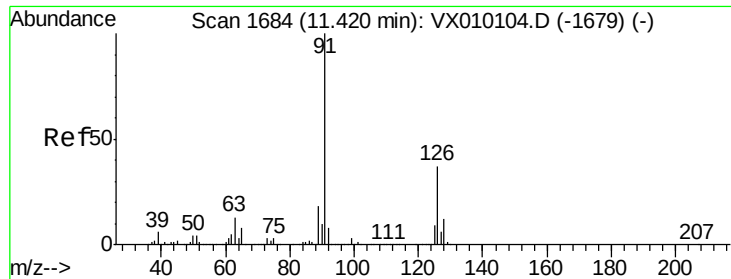
Acq: 14 Jun 2019 20:09

Tgt Ion:	91	Resp:	764943
Ion Ratio	Lower	Upper	
91	100		
120	24.7	11.1	33.3



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.254 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX010313.D

Acq: 14 Jun 2019 20:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 453409

Ion Ratio Lower Upper

91 100

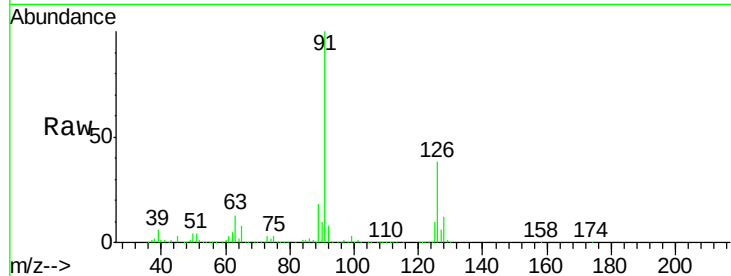
126 37.6 16.1 48.3

Manual Integrations

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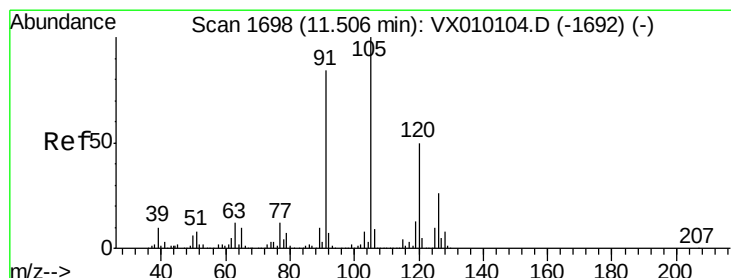
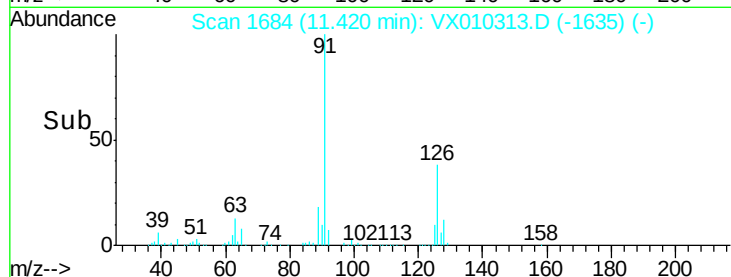
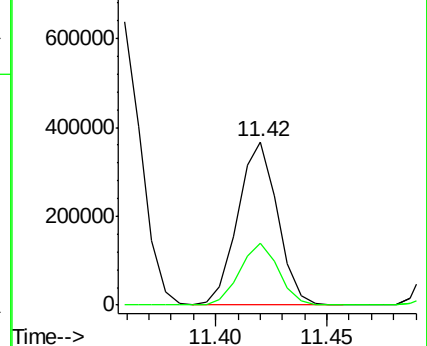
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Abundance Ion 91.00 (90.70 to 91.70): VX010104.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX010104.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 48.422 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010313.D

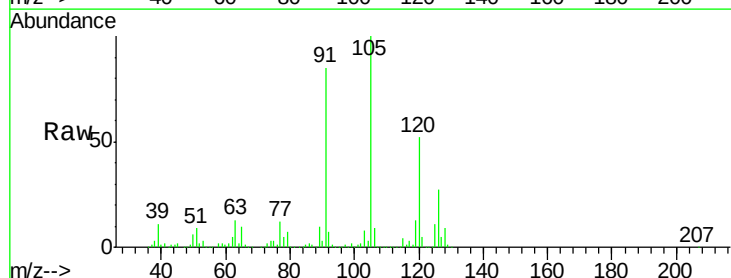
Acq: 14 Jun 2019 20:09

Tgt Ion: 105 Resp: 573147

Ion Ratio Lower Upper

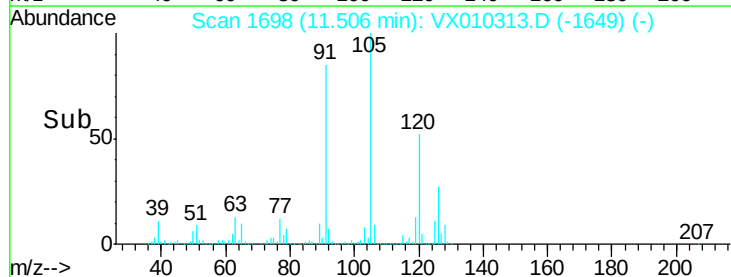
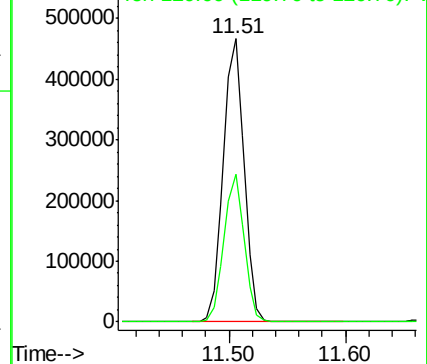
105 100

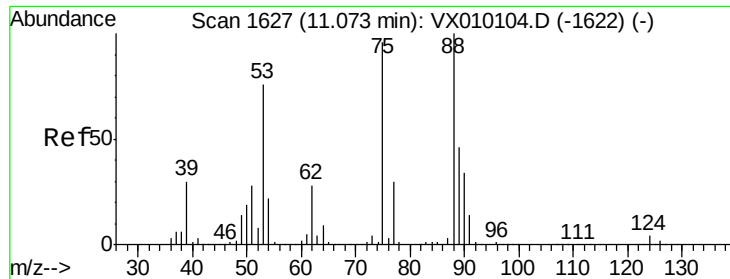
120 50.8 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): VX010104.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX010104.D (-1692) (-)





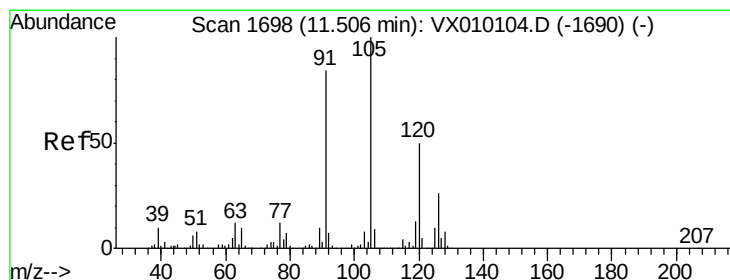
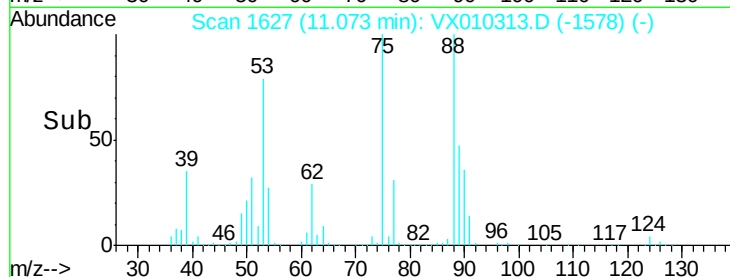
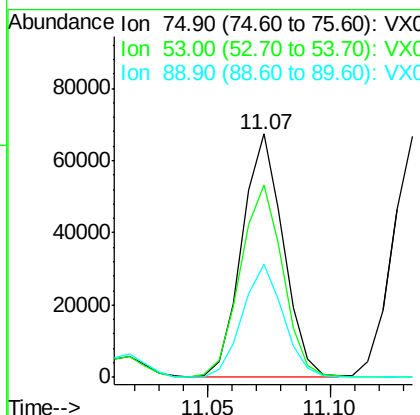
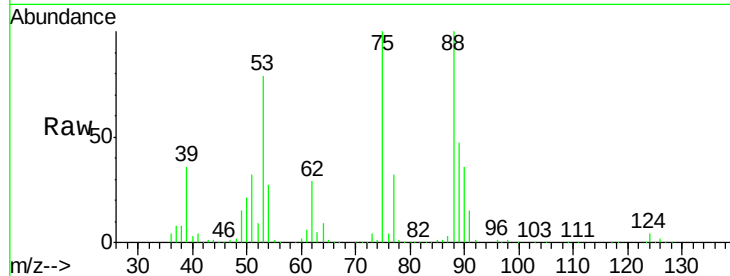
#81
trans-1,4-Dichloro-2-butene
Concen: 43.265 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX010313.D
Acq: 14 Jun 2019 20:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	81.2	79.8	119.6
89	46.7	34.2	51.4

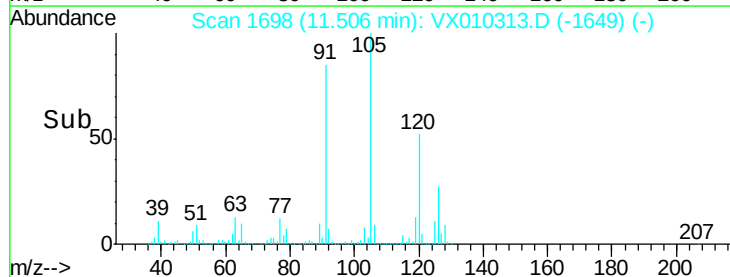
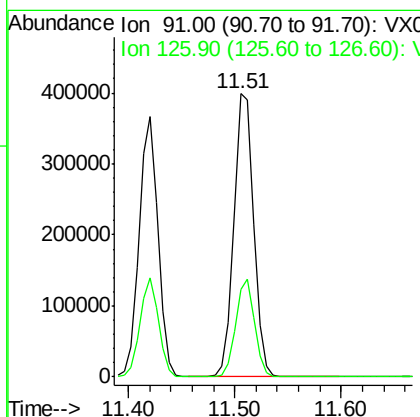
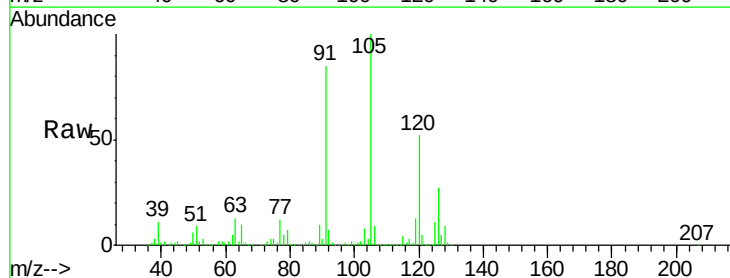
Manual Integrations
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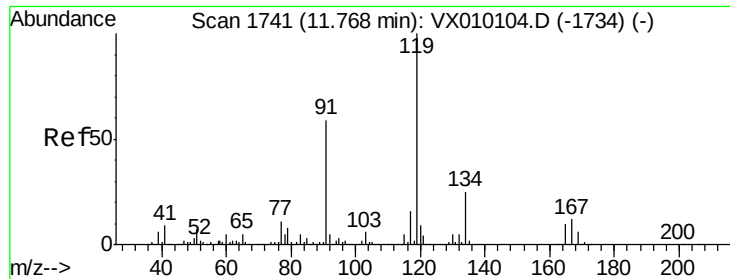
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#82
4-Chlorotoluene
Concen: 48.863 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX010313.D
Acq: 14 Jun 2019 20:09

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.0	14.2	42.6





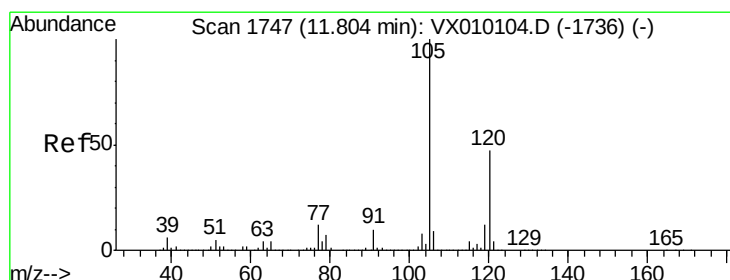
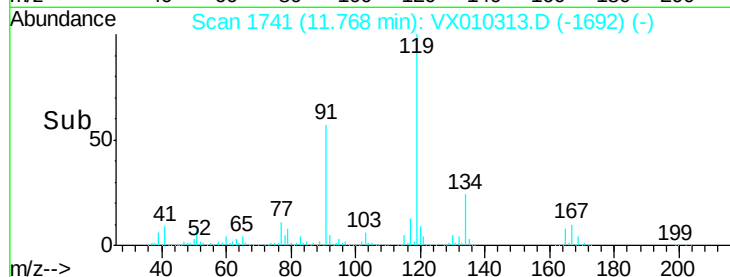
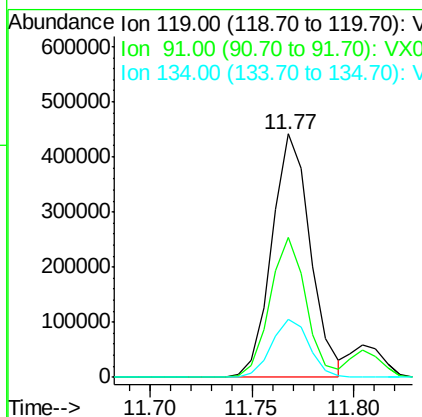
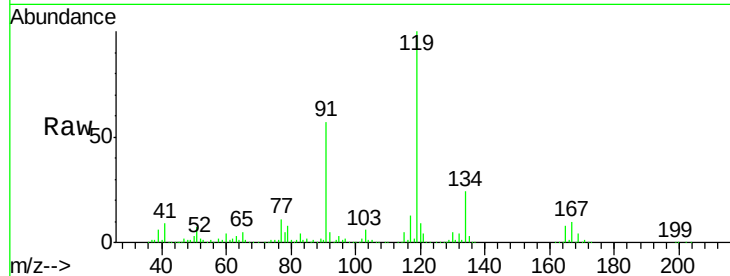
#83
 tert-Butylbenzene
 Concen: 48.509 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX010313.D
 Acq: 14 Jun 2019 20:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	581141		
91	54.4	30.0	90.0	
134	23.4	11.2	33.5	

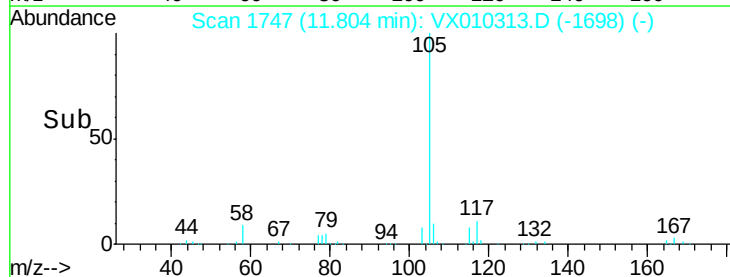
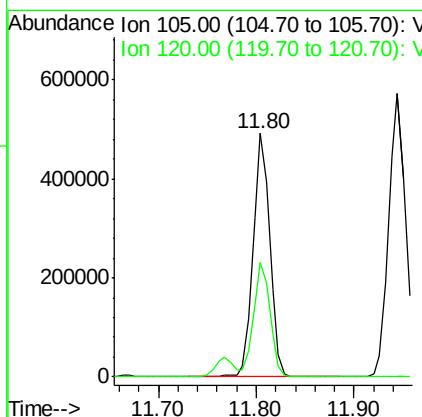
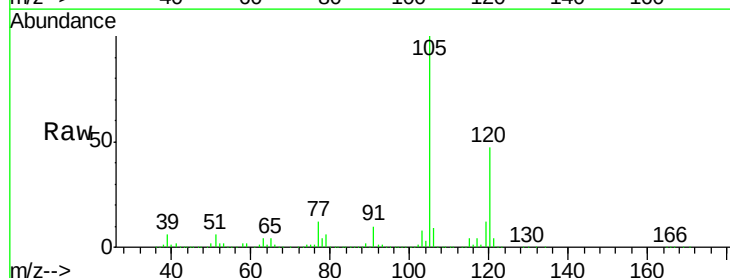
Manual Integrations
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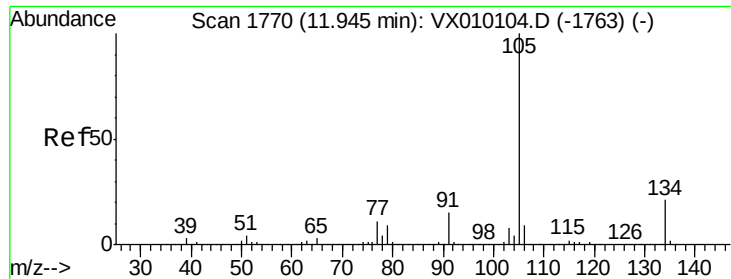
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#84
 1,2,4-Trimethylbenzene
 Concen: 48.651 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX010313.D
 Acq: 14 Jun 2019 20:09

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	581667		
120	46.3	22.1	66.1	





#85

sec-Butylbenzene

Concen: 48.922 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX010313.D

Acq: 14 Jun 2019 20:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 682824

Ion Ratio Lower Upper

105 100

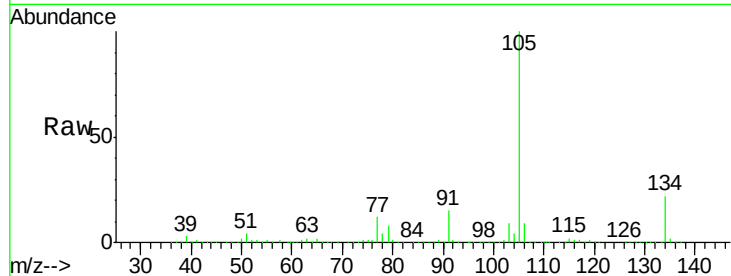
134 21.2 9.7 28.9

Manual Integrations

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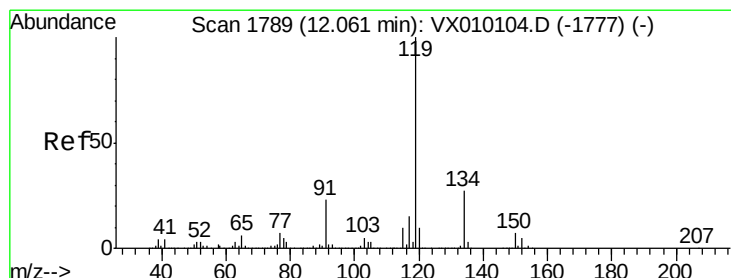
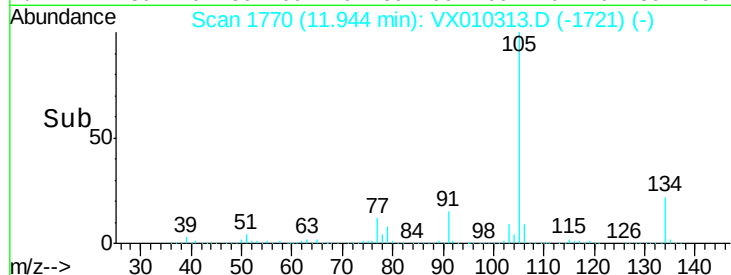
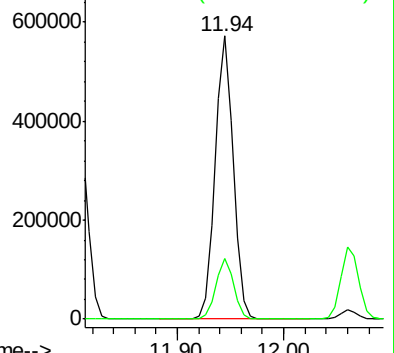
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.207 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX010313.D

Acq: 14 Jun 2019 20:09

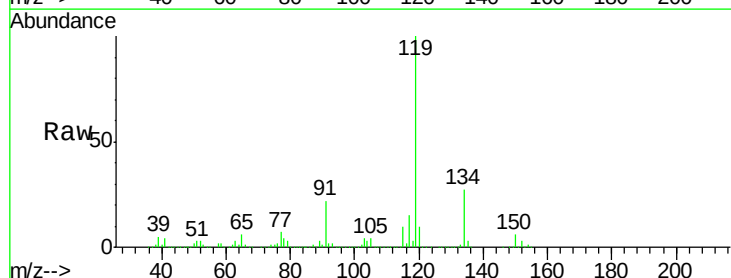
Tgt Ion:119 Resp: 627854

Ion Ratio Lower Upper

119 100

134 27.6 12.9 38.6

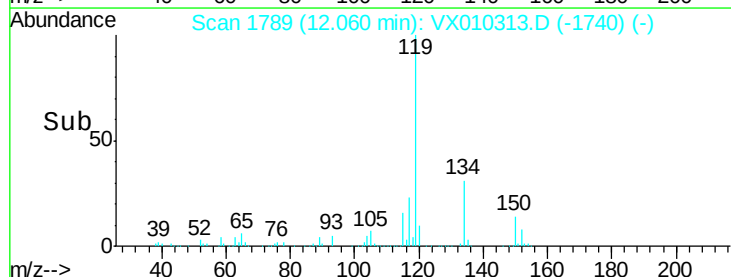
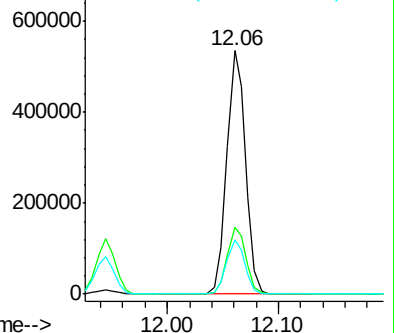
91 22.0 11.9 35.9

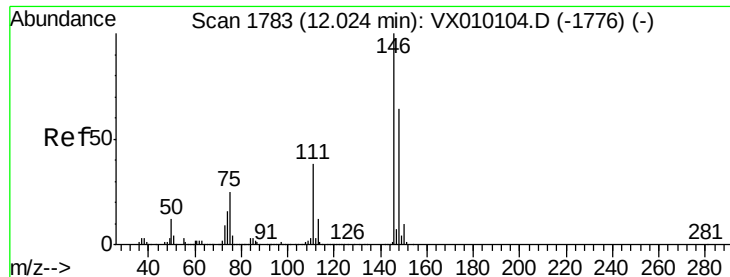


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





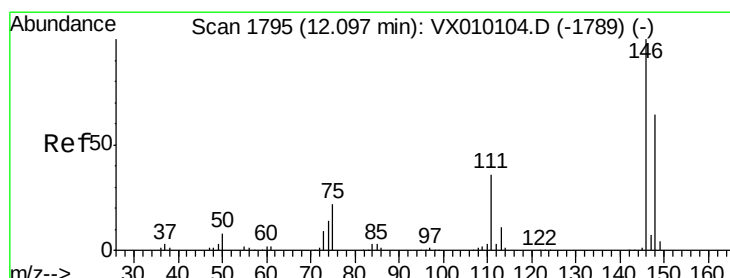
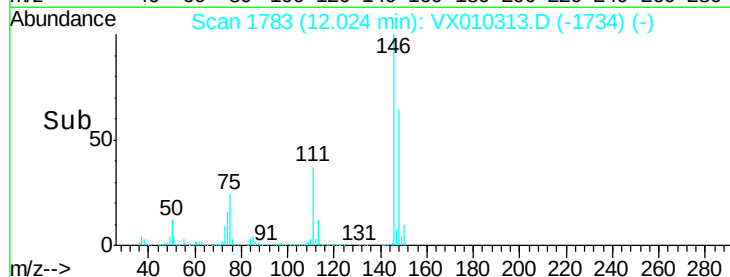
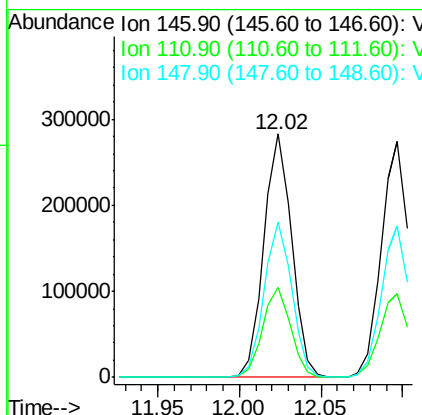
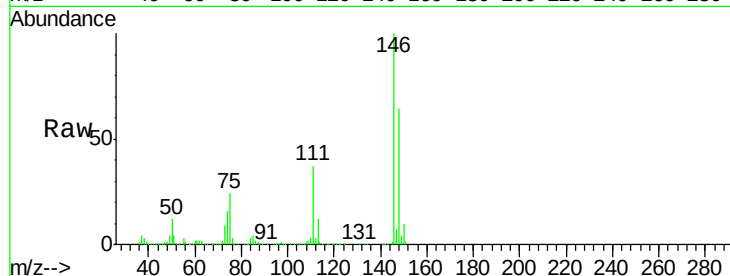
#87
 1,3-Dichlorobenzene
 Concen: 49.525 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX010313.D
 Acq: 14 Jun 2019 20:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.1	20.1	60.2
148	63.4	31.9	95.5

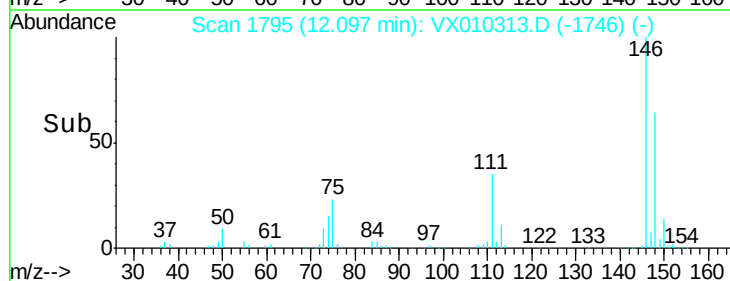
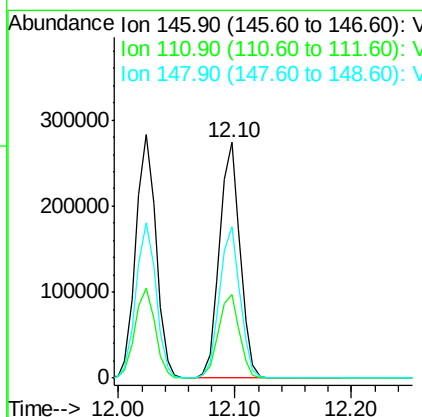
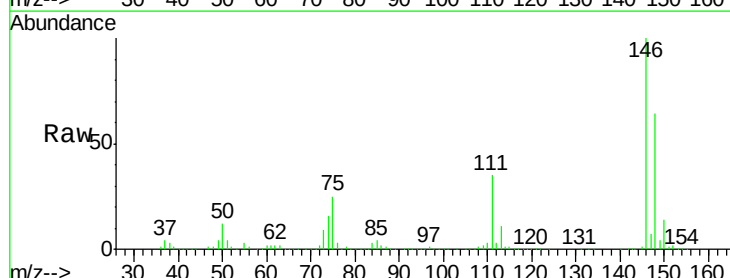
Manual Integrations
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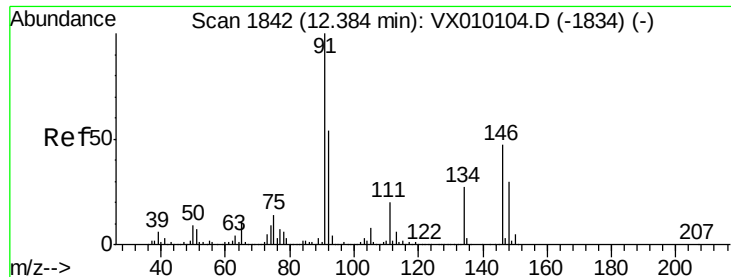
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#88
 1,4-Dichlorobenzene
 Concen: 48.354 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX010313.D
 Acq: 14 Jun 2019 20:09

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.4	20.0	59.9
148	64.1	32.3	96.9





#89

n-Butylbenzene

Concen: 48.547 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX010313.D

Acq: 14 Jun 2019 20:09

Instrument :

MSVOA_X

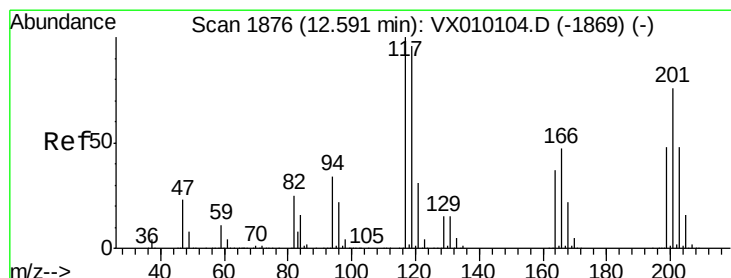
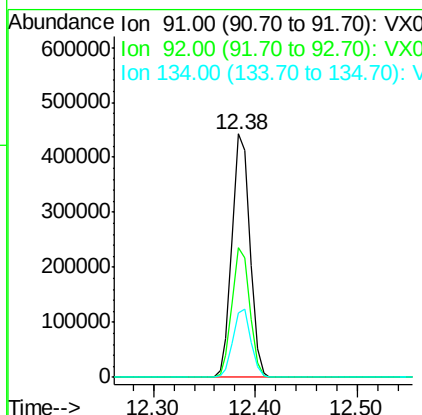
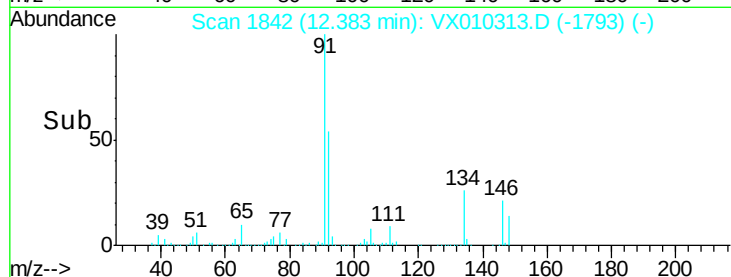
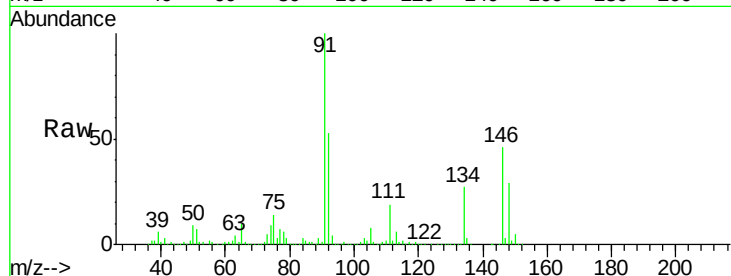
ClientSampleId :

VSTDCCC050EC

Tot Ion:	91	Resp:	533207
Ion	Ratio	Lower	Upper
91	100		
92	53.0	26.3	78.8
134	28.0	12.3	36.8

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#90

Hexachloroethane

Concen: 44.784 ug/l

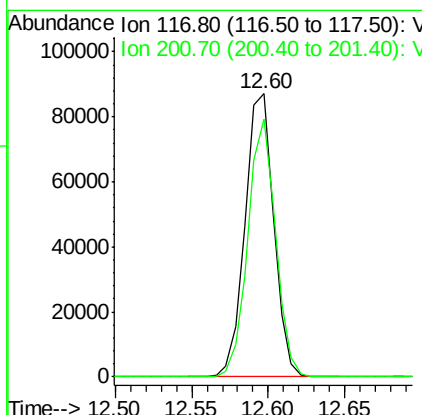
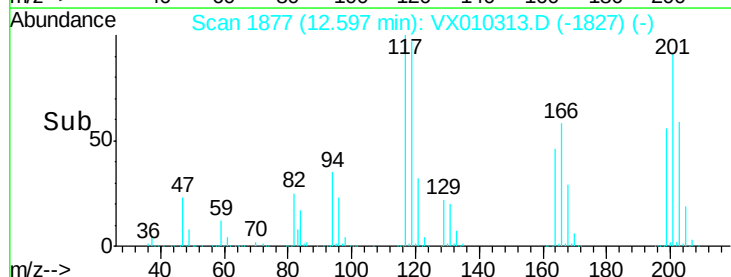
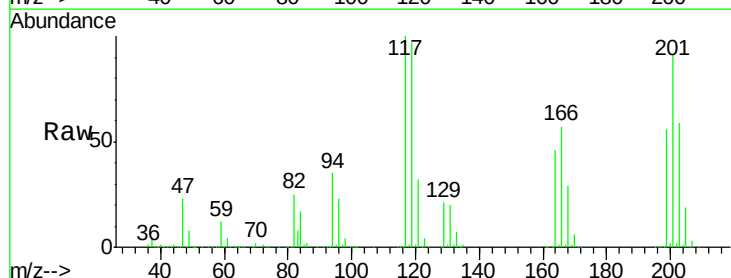
RT: 12.60 min Scan# 1877

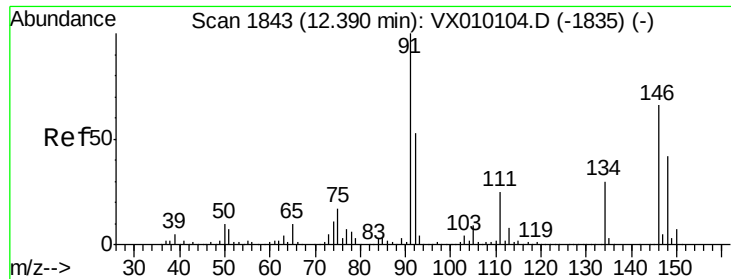
Delta R.T. 0.01 min

Lab File: VX010313.D

Acq: 14 Jun 2019 20:09

Tgt Ion:	117	Resp:	113830
Ion	Ratio	Lower	Upper
117	100		
201	87.6	43.6	130.9





#91

1,2-Dichlorobenzene

Concen: 50.307 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX010313.D

Acq: 14 Jun 2019 20:09

Instrument :

MSVOA_X

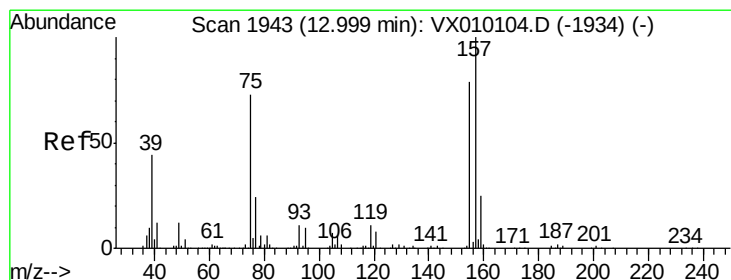
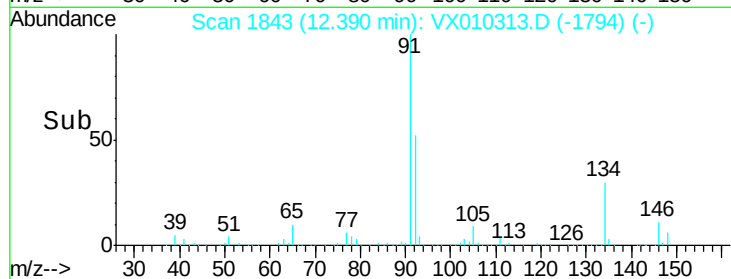
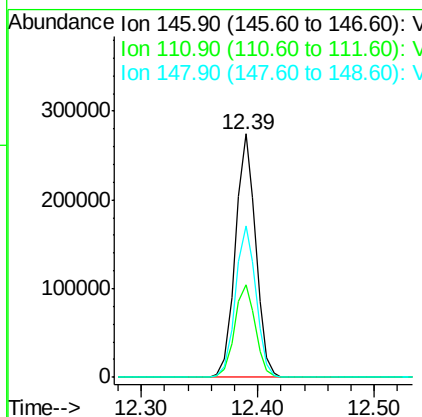
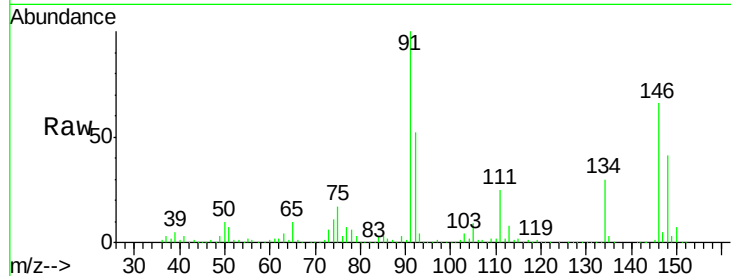
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	332915
Ion Ratio	Lower	Upper	
146	100		
111	38.9	21.1	63.1
148	63.1	32.3	96.8

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#92

1,2-Dibromo-3-Chloropropane

Concen: 43.686 ug/l

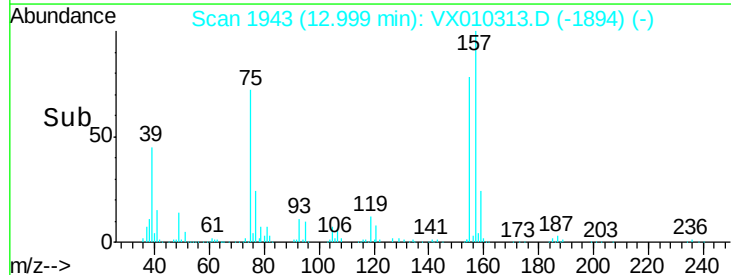
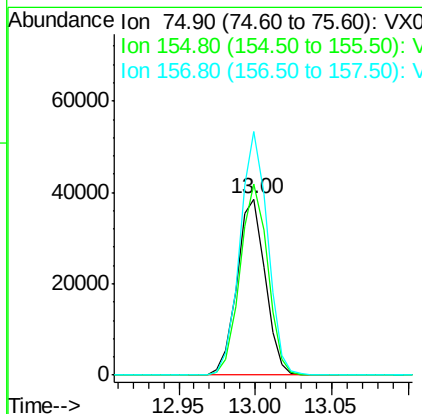
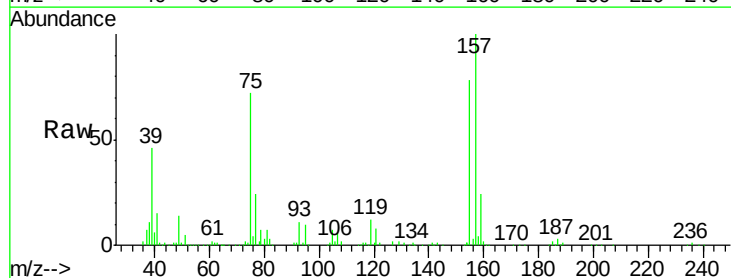
RT: 13.00 min Scan# 1943

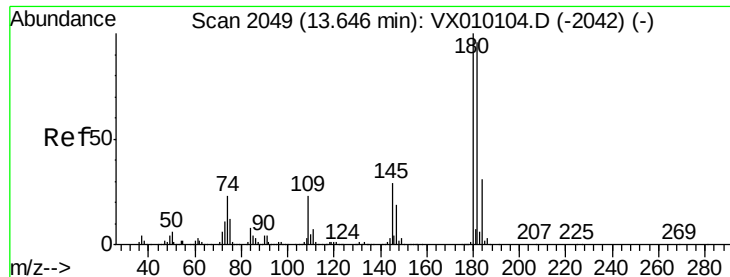
Delta R.T. -0.00 min

Lab File: VX010313.D

Acq: 14 Jun 2019 20:09

Tgt Ion:	75	Resp:	49452
Ion Ratio	Lower	Upper	
75	100		
155	105.9	39.3	117.8
157	134.8	50.6	151.8





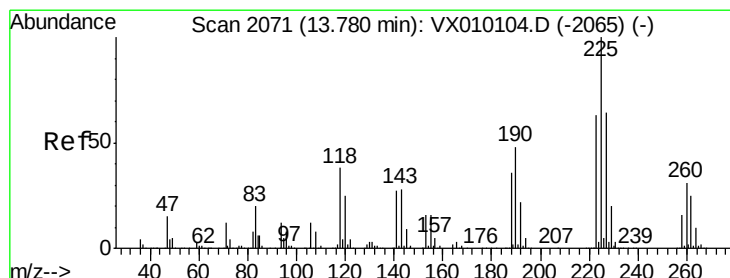
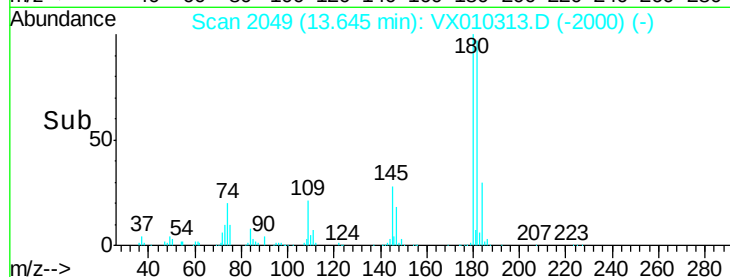
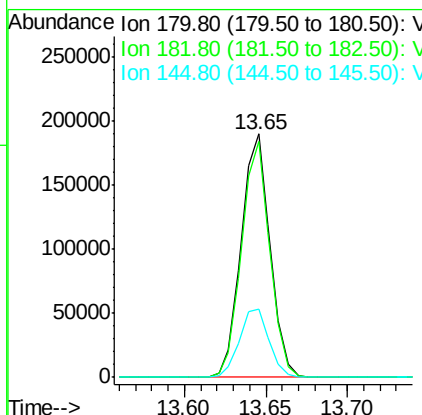
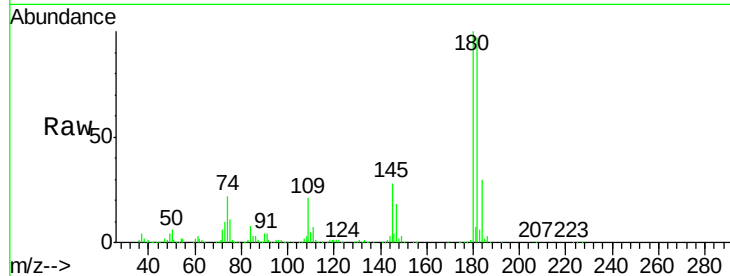
#93
 1,2,4-Trichlorobenzene
 Concen: 48.249 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX010313.D
 Acq: 14 Jun 2019 20:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	233722		
182	95.3	47.4	142.2	
145	29.0	14.5	43.5	

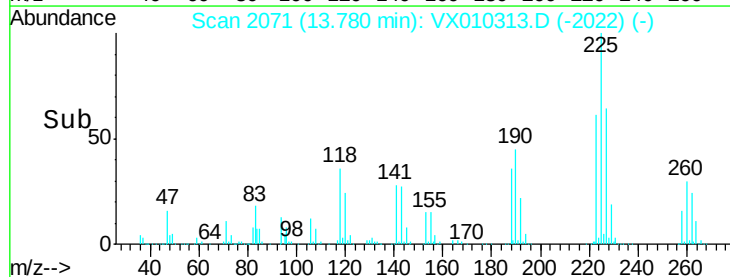
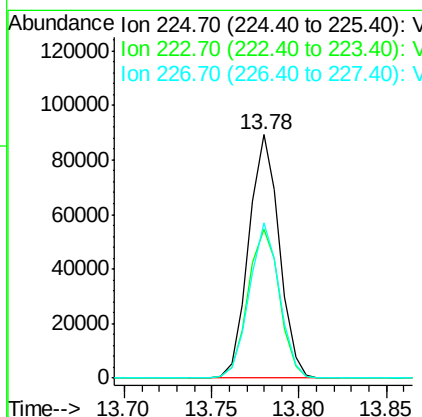
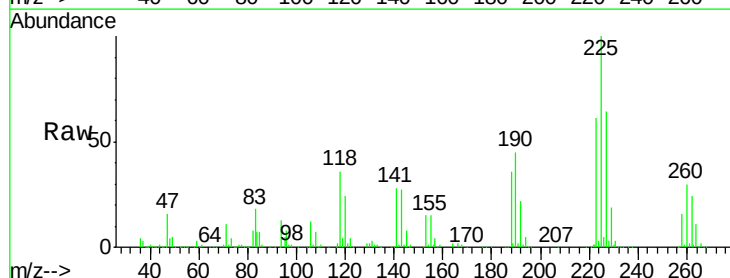
Manual Integrations
 APPROVED

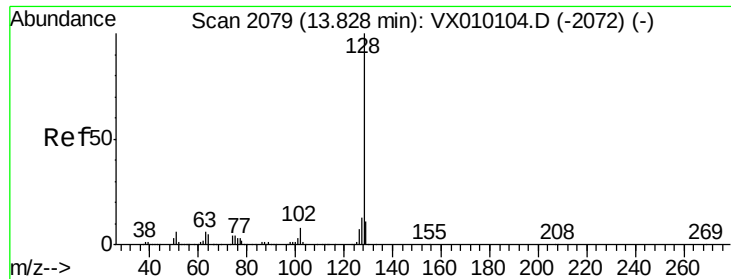
MMDadoda
 6/17/2019 10:35:51 AM



#94
 Hexachlorobutadiene
 Concen: 50.092 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX010313.D
 Acq: 14 Jun 2019 20:09

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	107914		
223	62.9	31.3	93.8	
227	63.2	32.3	96.8	





#95

Naphthalene

Concen: 48.460 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.01 min

Lab File: VX010313.D

Acq: 14 Jun 2019 20:09

Instrument :

MSVOA_X

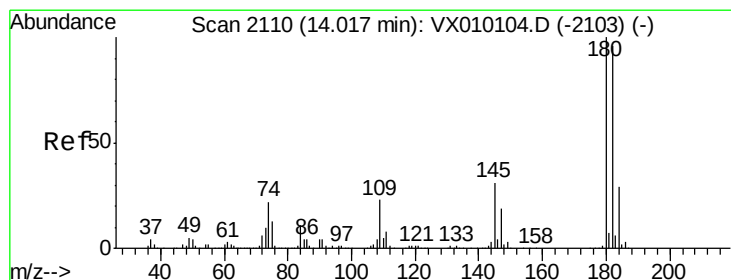
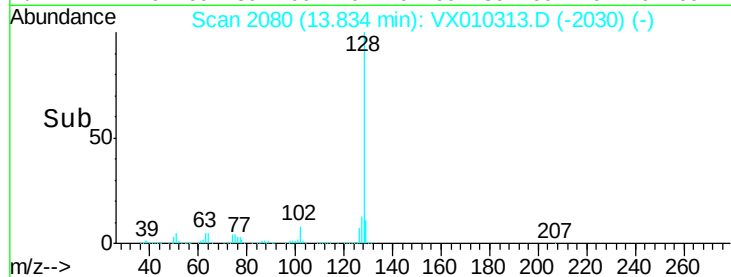
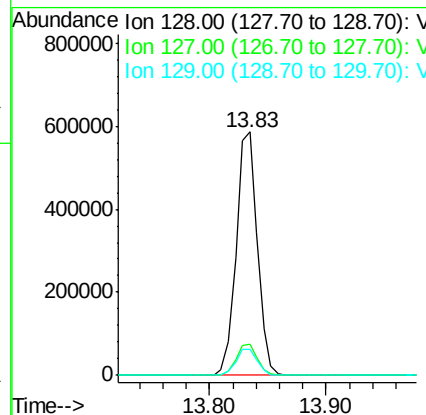
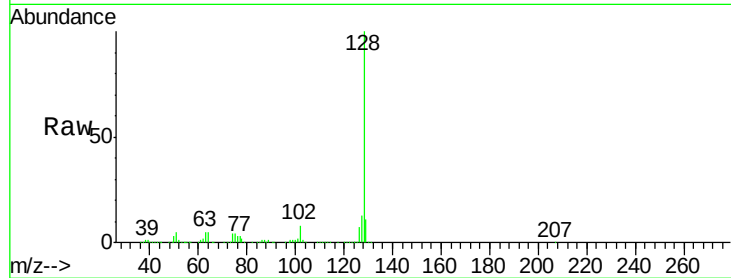
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	738951
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.6	16.0
129	11.0	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
6/17/2019 10:35:51 AM



#96

1,2,3-Trichlorobenzene

Concen: 48.312 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX010313.D

Acq: 14 Jun 2019 20:09

Tgt Ion:	180	Resp:	231392
Ion Ratio	Lower	Upper	
180	100		
182	96.6	47.3	142.0
145	31.5	15.6	46.7

