

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061419\
 Data File : VX010300.D
 Acq On : 14 Jun 2019 15:06
 Operator : JC/SP
 Sample : VX0614WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0614WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/17/2019 10:36:11 AM

Quant Time: Jun 15 01:49:22 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	5.67	168	302596	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	460800	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	415900	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	213068	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	130192	44.08	ug/l	0.00
Spiked Amount			Recovery	=	88.16%	
35) Dibromofluoromethane	5.50	113	130203	45.81	ug/l	0.00
Spiked Amount			Recovery	=	91.62%	
50) Toluene-d8	8.71	98	491740	46.16	ug/l	0.00
Spiked Amount			Recovery	=	92.32%	
62) 4-Bromofluorobenzene	11.13	95	179545	45.13	ug/l	0.00
Spiked Amount			Recovery	=	90.26%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	54927	19.727	ug/l	99
3) Chloromethane	1.33	50	53265	19.263	ug/l	99
4) Vinyl Chloride	1.41	62	55637	21.408	ug/l	100
5) Bromomethane	1.64	94	28069	28.622	ug/l	99
6) Chloroethane	1.72	64	32819	25.047	ug/l	98
7) Trichlorofluoromethane	1.93	101	88815	23.007	ug/l	98
8) Diethyl Ether	2.19	74	31212	23.458	ug/l	77
9) 1,1,2-Trichlorotrifluoroet	2.39	101	51327	19.288	ug/l	91
10) Methyl Iodide	2.51	142	71934	17.447	ug/l	97
11) Tert butyl alcohol	3.04	59	87139	120.429	ug/l	96
12) 1,1-Dichloroethene	2.37	96	51244	18.854	ug/l #	78
13) Acrolein	2.29	56	8402	63.682	ug/l	99
14) Allyl chloride	2.73	41	75445	18.389	ug/l #	88
15) Acrylonitrile	3.14	53	153596	103.854	ug/l	99
16) Acetone	2.44	43	133939	96.412	ug/l	89
17) Carbon Disulfide	2.57	76	126281	16.080	ug/l	98
18) Methyl Acetate	2.78	43	64520	21.118	ug/l #	82
19) Methyl tert-butyl Ether	3.20	73	169357	19.395	ug/l	92
20) Methylene Chloride	2.85	84	58869	19.295	ug/l #	79
21) trans-1,2-Dichloroethene	3.17	96	53975	17.945	ug/l #	77
22) Diisopropyl ether	3.85	45	156218	19.915	ug/l #	94
23) Vinyl Acetate	3.82	43	689636	98.551	ug/l #	88
24) 1,1-Dichloroethane	3.70	63	90310	18.962	ug/l	96
25) 2-Butanone	4.67	43	210575	101.791	ug/l #	81
26) 2,2-Dichloropropane	4.59	77	74841	17.225	ug/l	91
27) cis-1,2-Dichloroethene	4.60	96	66202	19.784	ug/l	76
28) Bromochloromethane	5.01	49	39131	18.333	ug/l #	47
29) Tetrahydrofuran	5.13	42	132967	102.276	ug/l #	76
30) Chloroform	5.21	83	97856	19.784	ug/l	98
31) Cyclohexane	5.57	56	81058	18.858	ug/l #	79
32) 1,1,1-Trichloroethane	5.49	97	86210	18.540	ug/l	94
36) 1,1-Dichloropropene	5.80	75	69041	18.365	ug/l	92
37) Ethyl Acetate	4.83	43	76802	19.635	ug/l #	92
38) Carbon Tetrachloride	5.79	117	76751	18.037	ug/l	96

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 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)

39) Methylcyclohexane	7.46	83	91865	17.945	ug/l #	82
40) Benzene	6.14	78	225376	19.387	ug/l	98
41) Methacrylonitrile	5.04	41	41204	19.473	ug/l #	83
42) 1,2-Dichloroethane	6.20	62	69964	18.852	ug/l	92
43) Isopropyl Acetate	6.45	43	125997	19.265	ug/l #	88
44) Trichloroethene	7.21	130	66944	19.105	ug/l	85
45) 1,2-Dichloropropane	7.51	63	56726	19.496	ug/l	100
46) Dibromomethane	7.66	93	40634	18.641	ug/l	91
47) Bromodichloromethane	7.90	83	74613	18.318	ug/l	97
48) Methyl methacrylate	7.77	41	58985	19.285	ug/l #	77
49) 1,4-Dioxane	7.74	88	34908	400.298	ug/l #	79
51) 4-Methyl-2-Pentanone	8.64	43	409568	104.828	ug/l	89
52) Toluene	8.78	92	146159	19.127	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	82534	17.518	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	90831	17.983	ug/l #	89
55) 1,1,2-Trichloroethane	9.21	97	63596	20.321	ug/l	95
56) Ethyl methacrylate	9.18	69	93893	18.993	ug/l #	82
57) 1,3-Dichloropropane	9.37	76	96099	19.505	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	184128	79.007	ug/l #	87
59) 2-Hexanone	9.49	43	322959	103.674	ug/l	88
60) Dibromochloromethane	9.58	129	67640	18.273	ug/l	99
61) 1,2-Dibromoethane	9.67	107	66573	19.100	ug/l	100
64) Tetrachloroethene	9.34	164	64576	20.905	ug/l	99
65) Chlorobenzene	10.14	112	166218	19.364	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	62099	18.812	ug/l	99
67) Ethyl Benzene	10.25	91	282041	19.301	ug/l	94
68) m/p-Xylenes	10.36	106	219875	38.884	ug/l	89
69) o-Xylene	10.69	106	108615	19.323	ug/l	89
70) Styrene	10.71	104	183448	19.270	ug/l	95
71) Bromoform	10.85	173	54074	17.819	ug/l #	98
73) Isopropylbenzene	11.02	105	285145	19.171	ug/l	95
74) N-amyl acetate	10.90	43	112454	19.126	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.27	83	98785	19.402	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	80011m	18.774	ug/l	
77) Bromobenzene	11.26	156	78203	19.120	ug/l	80
78) n-propylbenzene	11.36	91	313670	18.943	ug/l	95
79) 2-Chlorotoluene	11.42	91	185193	18.622	ug/l	90
80) 1,3,5-Trimethylbenzene	11.51	105	237765	18.979	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	31742	16.456	ug/l	88
82) 4-Chlorotoluene	11.51	91	210127	18.600	ug/l	91
83) tert-Butylbenzene	11.77	119	239088	18.856	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	240016	18.968	ug/l	97
85) sec-Butylbenzene	11.94	105	278298	18.839	ug/l	95
86) p-Isopropyltoluene	12.06	119	255384	18.911	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	136658	18.969	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	137299	18.905	ug/l	98
89) n-Butylbenzene	12.38	91	215613	18.548	ug/l	97
90) Hexachloroethane	12.59	117	44474	16.532	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	139277	19.885	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	20812	17.371	ug/l	64

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Instrument :
MSVOA_X
ClientSampleId :
VX0614WBSD01

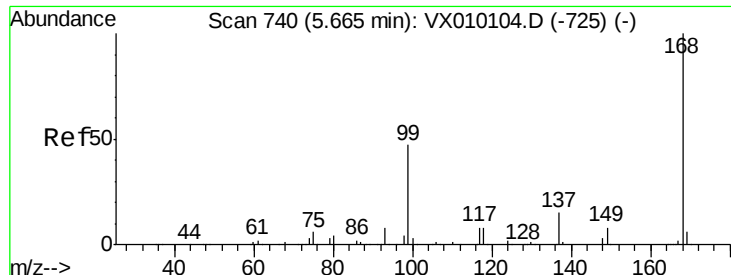
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Sat Jun 08 02:12:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	96809	18.883	ug/l	99
94) Hexachlorobutadiene	13.78	225	45617	20.007	ug/l	98
95) Naphthalene	13.83	128	308142	19.093	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	98702	19.471	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX010300.D

Acq: 14 Jun 2019 15:06

Instrument :

MSVOA_X

ClientSampleId :

VX0614WBSD01

Tot Ion:168 Resp: 302596

Ion Ratio Lower Upper

168 100

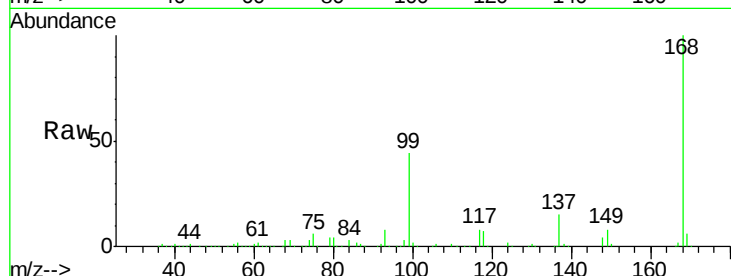
99 44.0 43.0 64.6

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

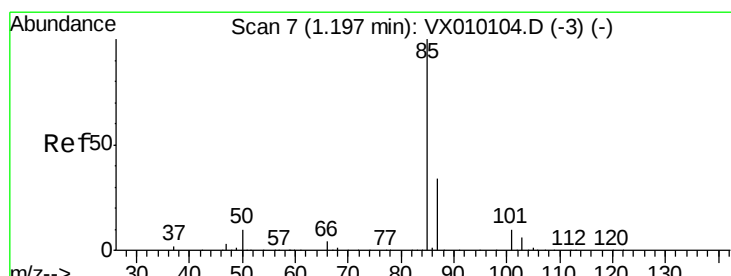
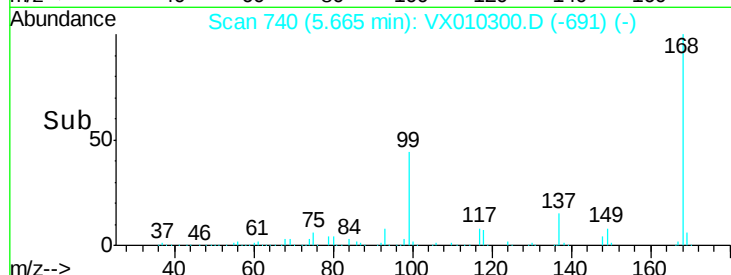
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.727 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX010300.D

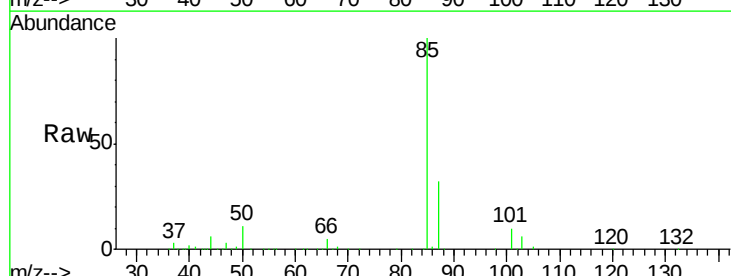
Acq: 14 Jun 2019 15:06

Tgt Ion: 85 Resp: 54927

Ion Ratio Lower Upper

85 100

87 31.8 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

60000

50000

40000

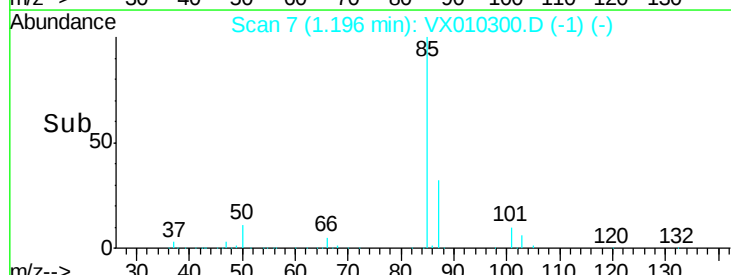
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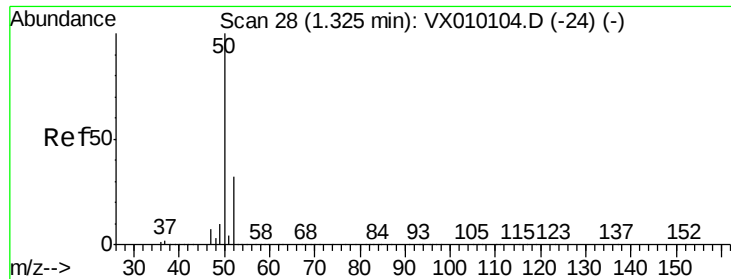
20000

10000

0

Time-->





#3

Chloromethane

Concen: 19.263 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010300.D

Acq: 14 Jun 2019 15:06

Instrument :

MSVOA_X

ClientSampleId :

VX0614WBSD01

Tot Ion: 50 Resp: 53265

Ion Ratio Lower Upper

50 100

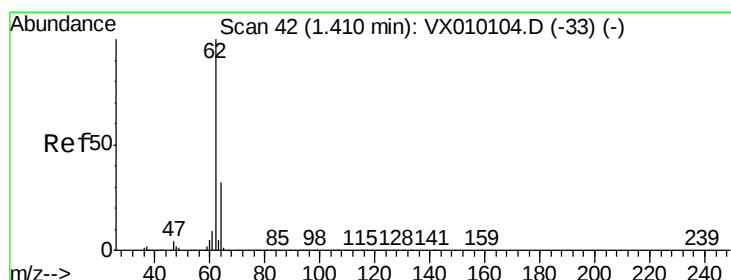
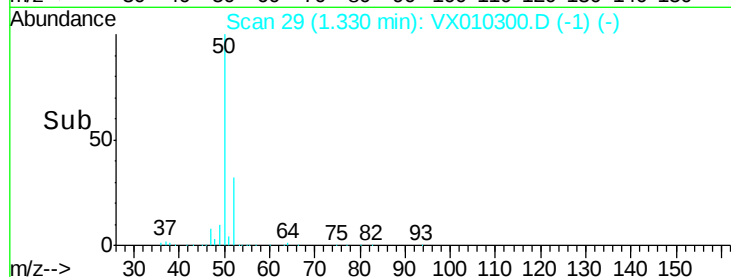
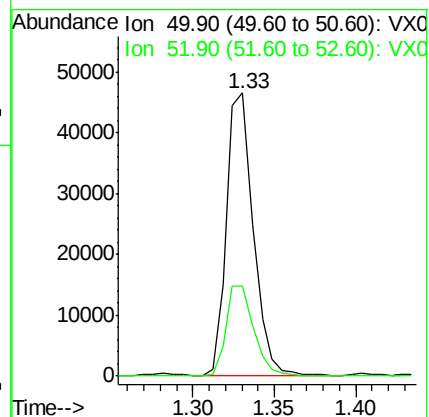
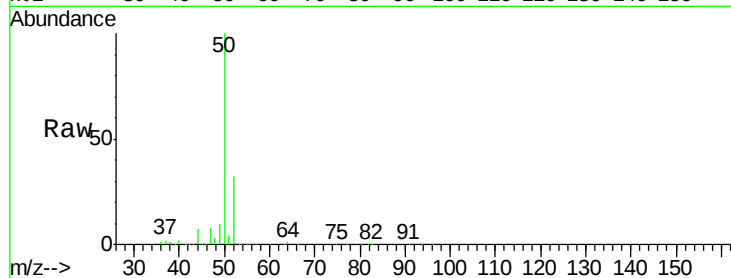
52 31.8 26.0 39.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 21.408 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010300.D

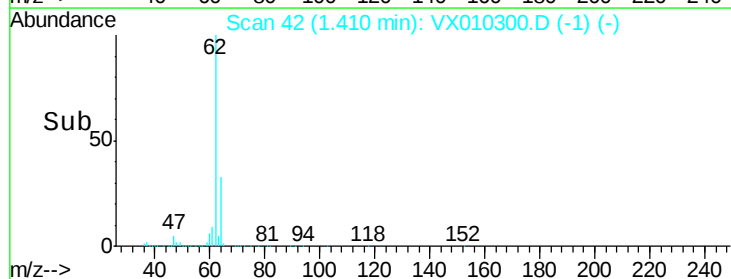
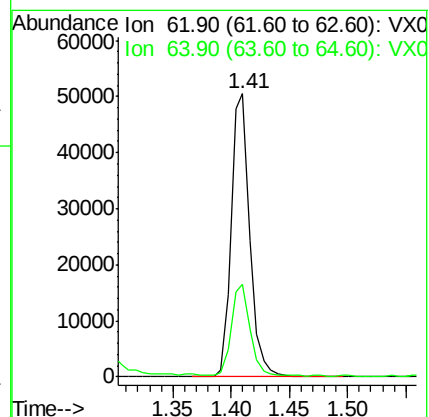
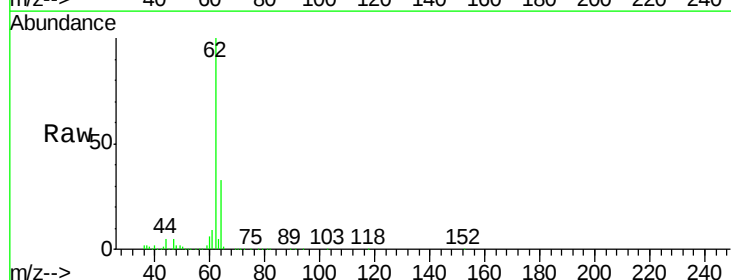
Acq: 14 Jun 2019 15:06

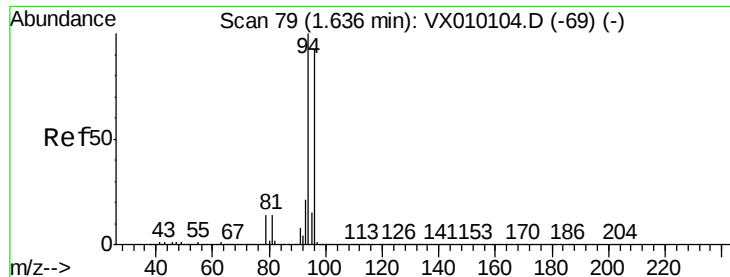
Tgt Ion: 62 Resp: 55637

Ion Ratio Lower Upper

62 100

64 32.3 25.7 38.5





#5

Bromomethane

Concen: 28.622 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX010300.D

Acq: 14 Jun 2019 15:06

Instrument :

MSVOA_X

ClientSampleId :

VX0614WBSD01

Tot Ion: 94 Resp: 28069

Ion Ratio Lower Upper

94 100

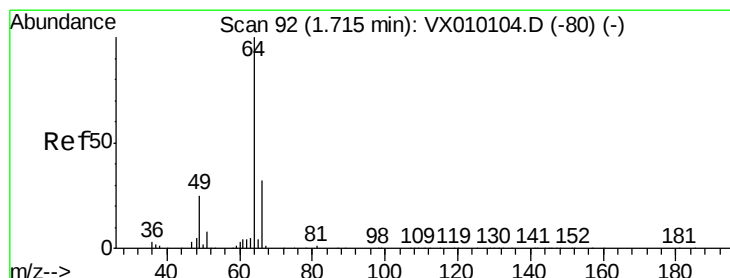
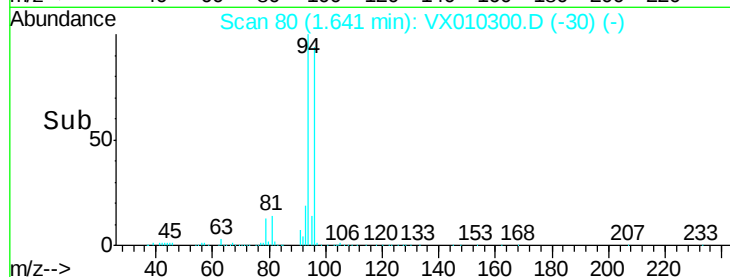
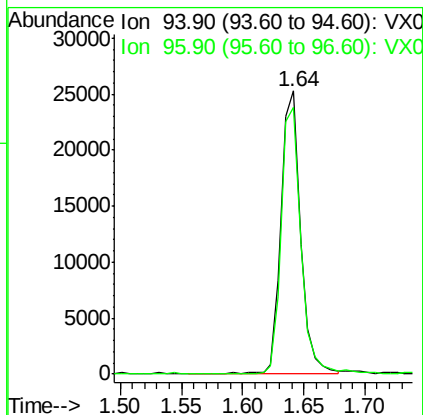
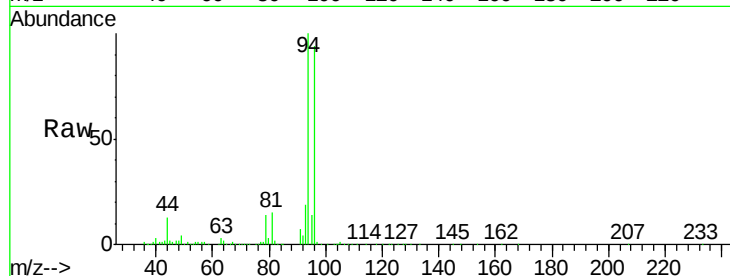
96 94.5 76.2 114.4

Manual Integrations

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#6

Chloroethane

Concen: 25.047 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX010300.D

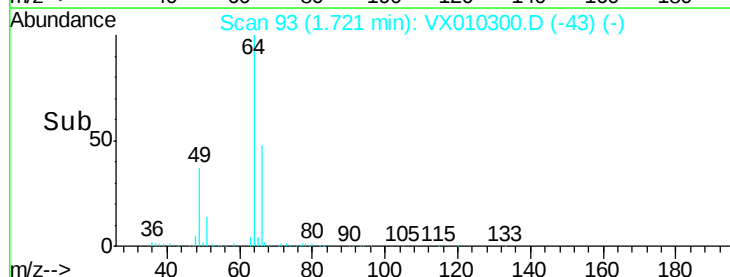
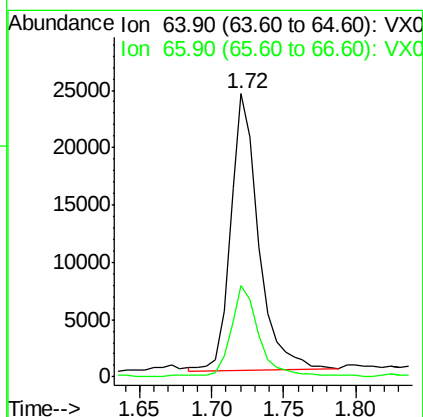
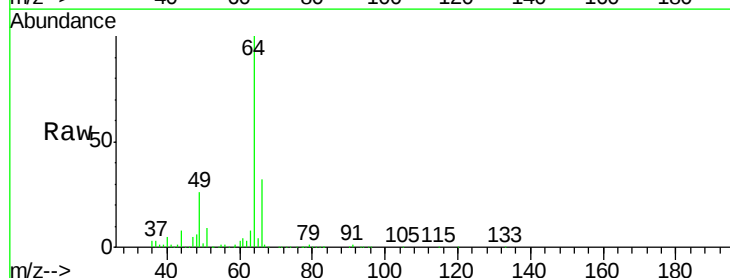
Acq: 14 Jun 2019 15:06

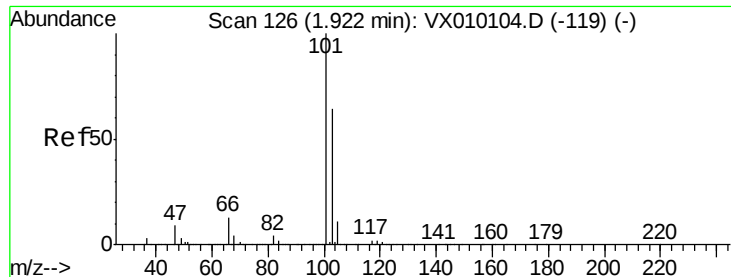
Tgt Ion: 64 Resp: 32819

Ion Ratio Lower Upper

64 100

66 32.4 25.1 37.7





#7

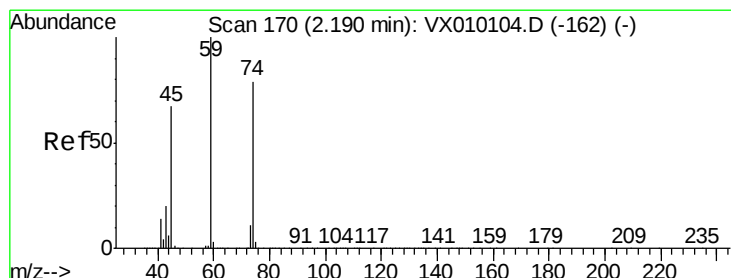
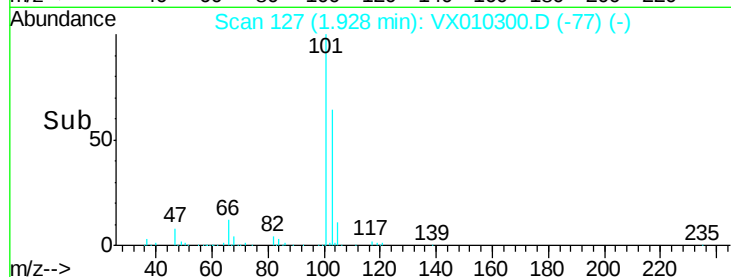
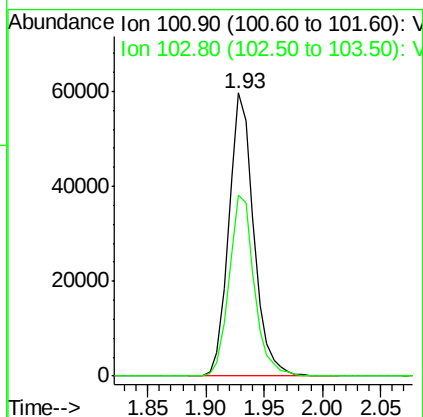
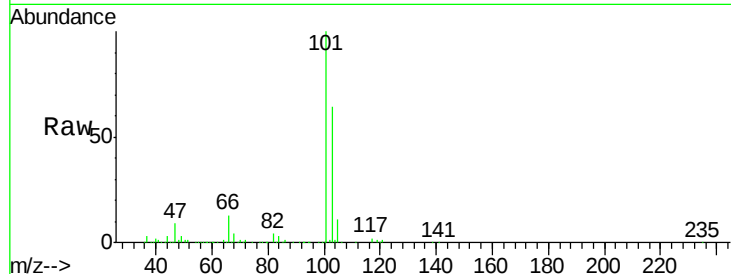
Trichlorofluoromethane
Concen: 23.007 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX010300.D
Acq: 14 Jun 2019 15:06

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ClientSampleId :
VX0614WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.8	52.2	78.4

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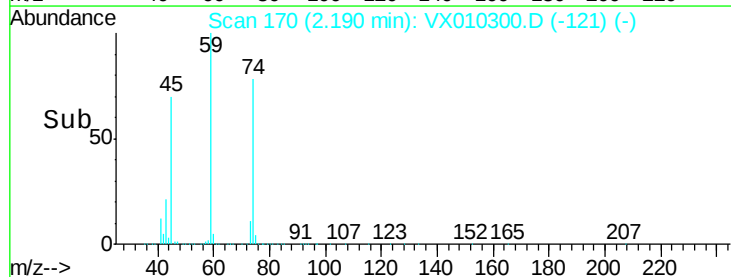
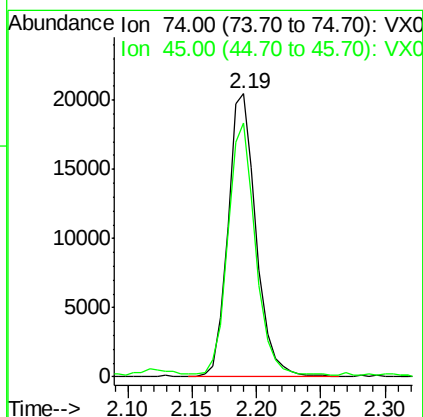
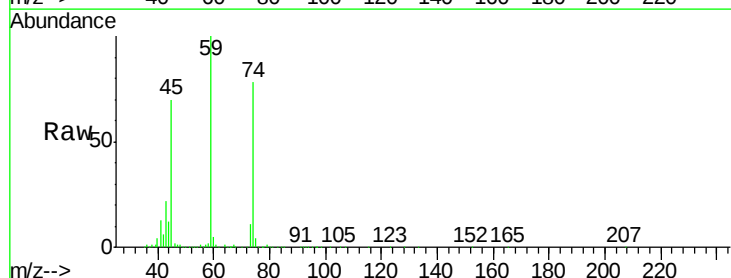
MMDadoda
6/17/2019 10:36:11 AM

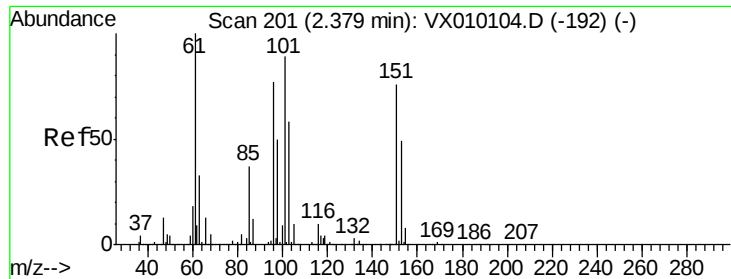


#8

Diethyl Ether
Concen: 23.458 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX010300.D
Acq: 14 Jun 2019 15:06

Tgt Ion	Ratio	Lower	Upper
74	100		
45	87.7	56.1	168.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.288 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX010300.D

Acq: 14 Jun 2019 15:06

Instrument :

MSVOA_X

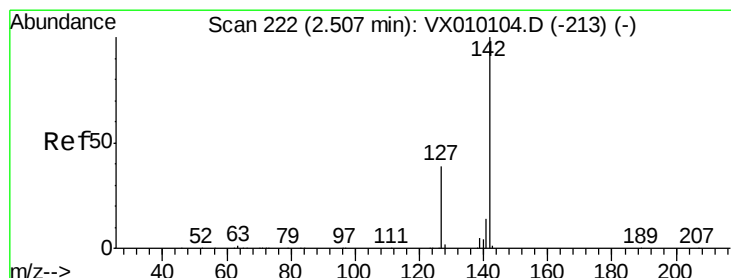
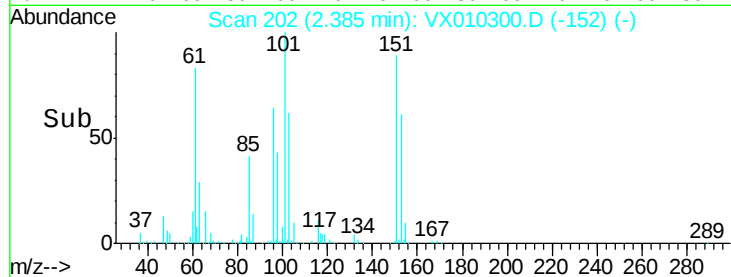
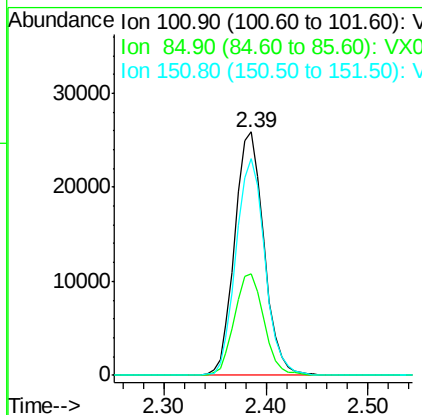
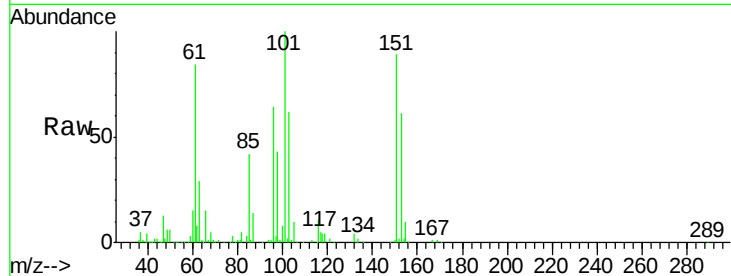
ClientSampled :

VX0614WBSD01

Tot Ion:	101	Resp:	51327
Ion Ratio	Lower	Upper	
101	100		
85	42.0	35.2	52.8
151	88.3	61.9	92.9

Manual Integrations
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#10

Methyl Iodide

Concen: 17.447 ug/l

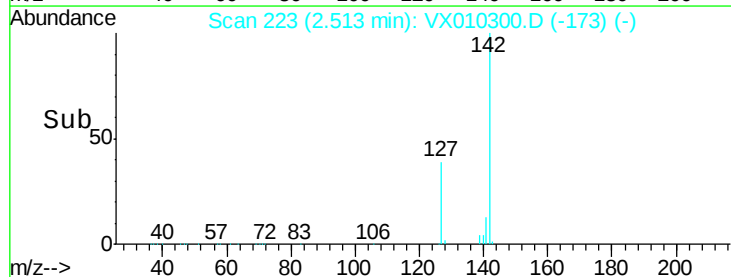
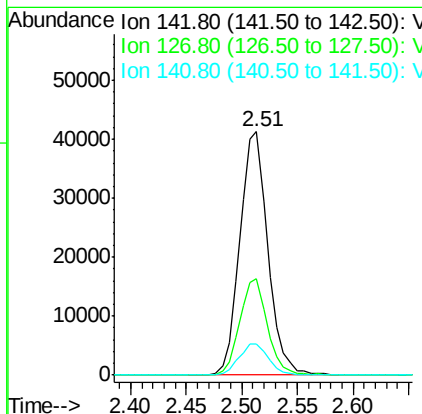
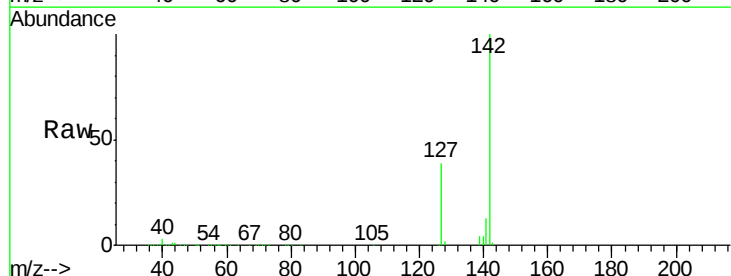
RT: 2.51 min Scan# 223

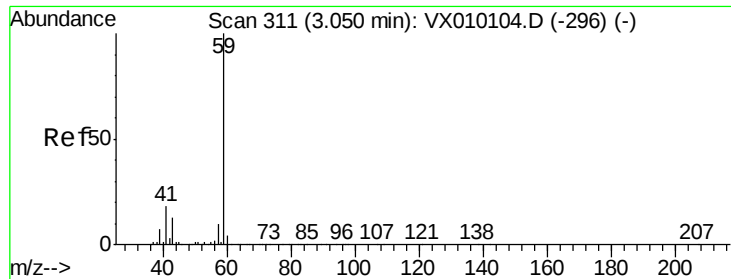
Delta R.T. 0.01 min

Lab File: VX010300.D

Acq: 14 Jun 2019 15:06

Tgt Ion:	142	Resp:	71934
Ion Ratio	Lower	Upper	
142	100		
127	38.9	33.0	49.4
141	13.6	11.4	17.0





#11

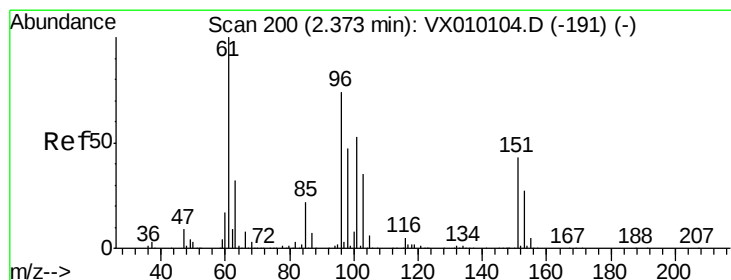
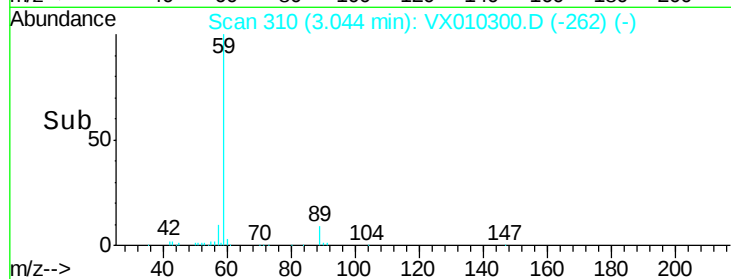
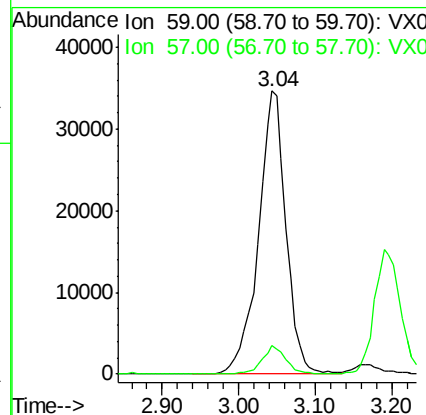
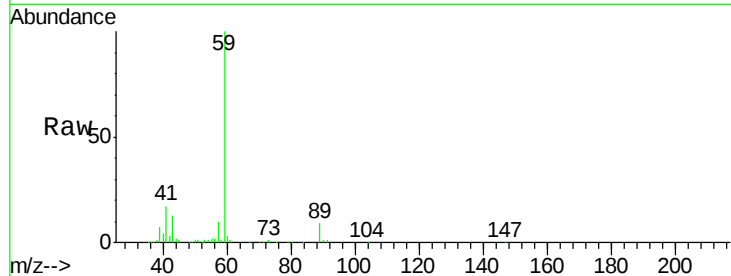
Tert butyl alcohol
Concen: 120.429 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX010300.D
Acq: 14 Jun 2019 15:06

Instrument :
MSVOA_X
ClientSampled :
VX0614WBSD01

Tot Ion	59	Resp	87139
Ion Ratio	100	Lower	Upper
57	8.9	8.2	12.2

Manual Integrations
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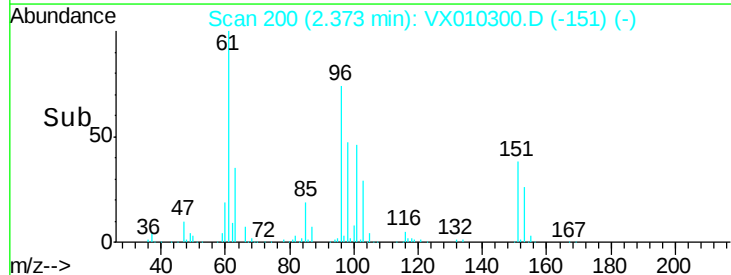
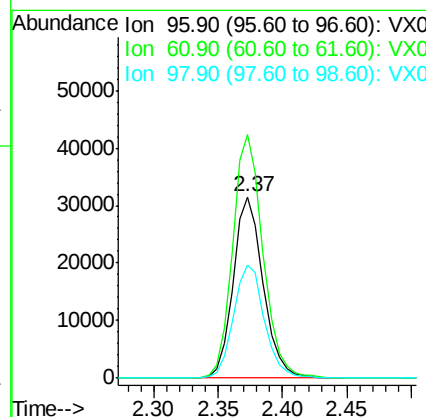
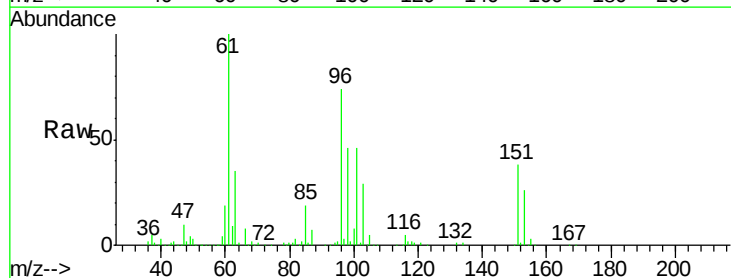
MMDadoda
6/17/2019 10:36:11 AM

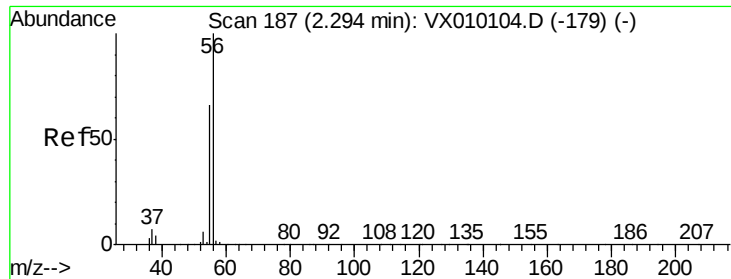


#12

1,1-Dichloroethene
Concen: 18.854 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX010300.D
Acq: 14 Jun 2019 15:06

Tgt Ion	96	Resp	51244
Ion Ratio	100	Lower	Upper
61	134.5	140.7	211.1#
98	62.5	50.1	75.1





#13

Acrolein

Concen: 63.682 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX010300.D

Acq: 14 Jun 2019 15:06

Instrument :

MSVOA_X

ClientSampleId :

VX0614WBSD01

Tot Ion: 56 Resp: 8402

Ion Ratio Lower Upper

56 100

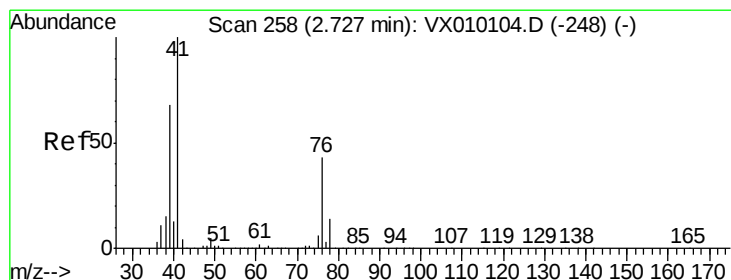
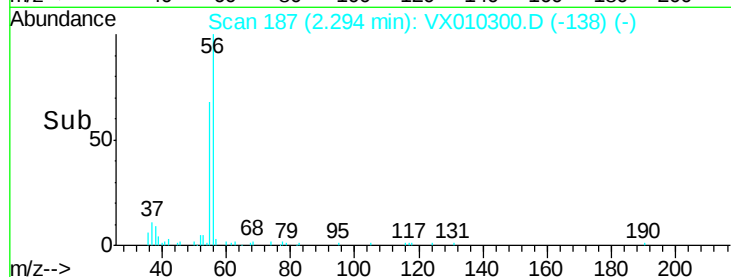
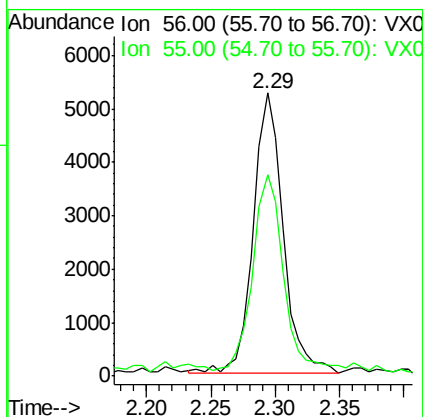
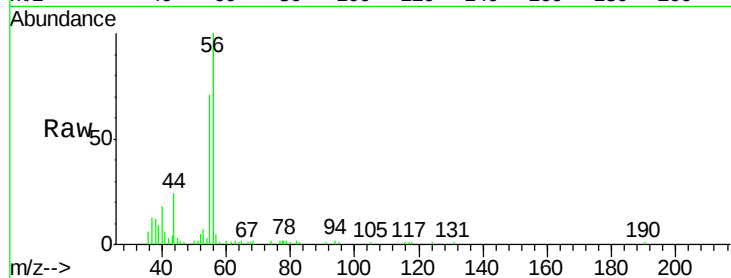
55 70.5 57.0 85.4

Manual Integrations

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MMDadoda

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#14

Allyl chloride

Concen: 18.389 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX010300.D

Acq: 14 Jun 2019 15:06

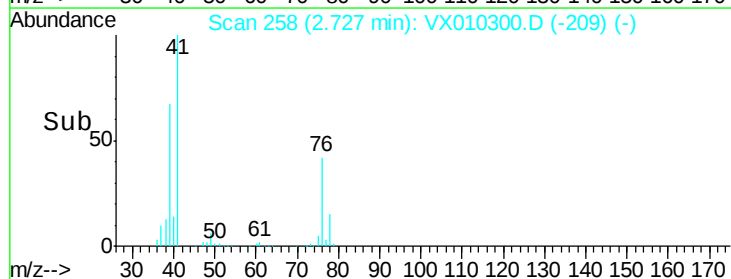
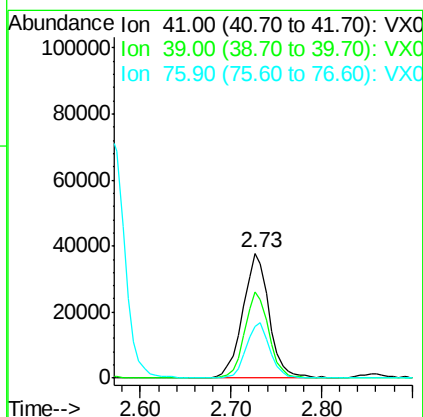
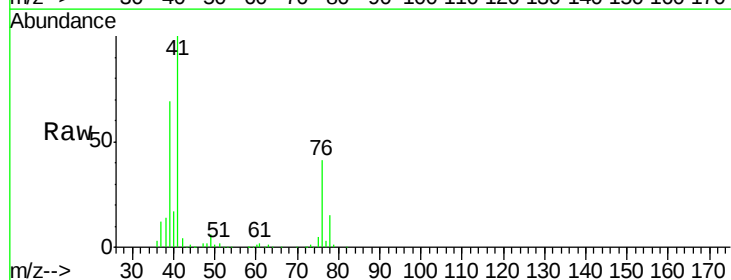
Tgt Ion: 41 Resp: 75445

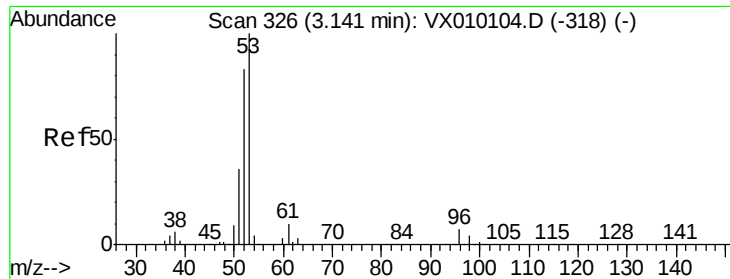
Ion Ratio Lower Upper

41 100

39 63.1 46.7 70.1

76 39.2 21.0 31.4#





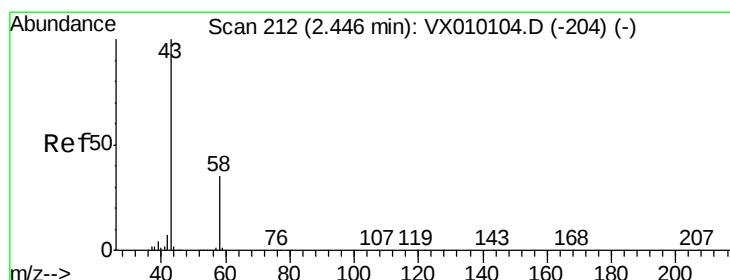
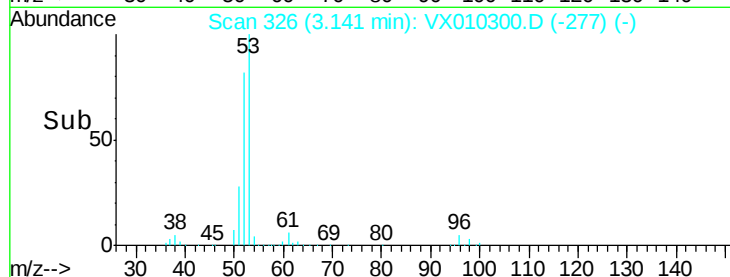
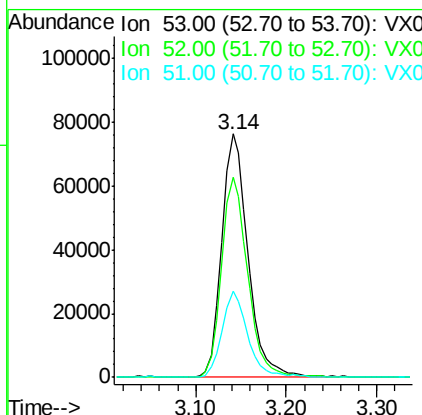
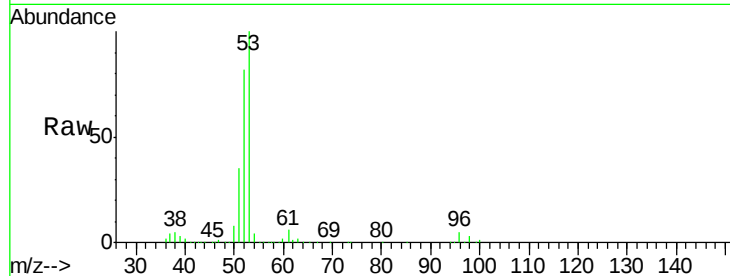
#15
Acrylonitrile
Concen: 103.854 ug/l
RT: 3.14 min Scan# 326
Delta R.T. -0.00 min
Lab File: VX010300.D
Acq: 14 Jun 2019 15:06

Instrument :
MSVOA_X
ClientSampleId :
VX0614WBSD01

Tot Ion	Ratio	Lower	Upper
53	100		
52	82.6	66.7	100.1
51	34.7	28.8	43.2

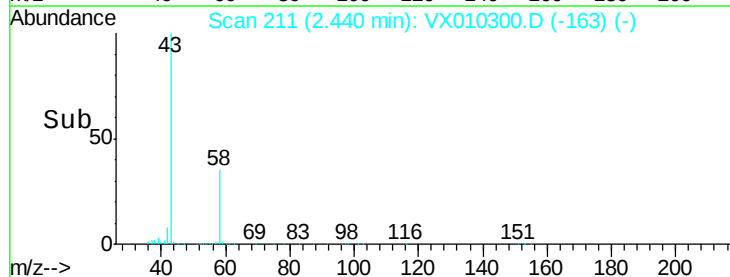
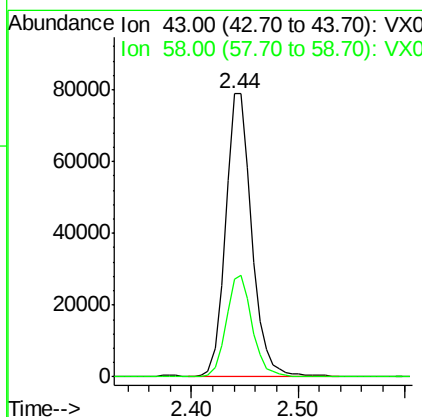
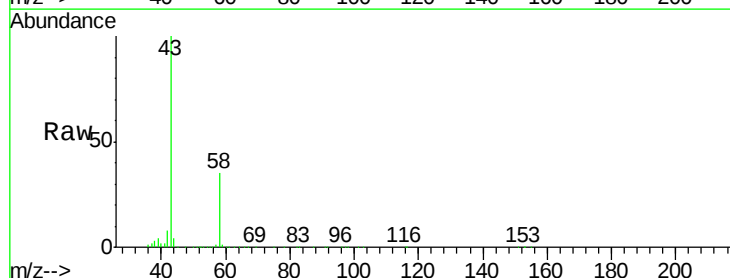
Manual Integrations
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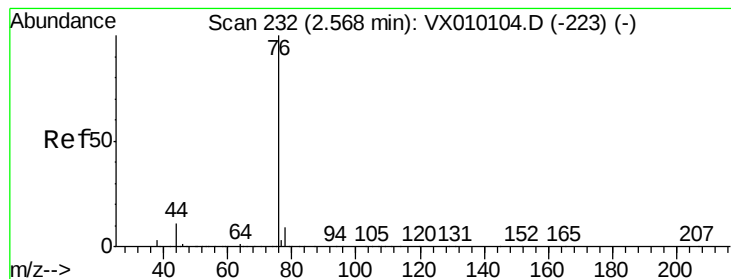
MMDadoda
6/17/2019 10:36:11 AM



#16
Acetone
Concen: 96.412 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX010300.D
Acq: 14 Jun 2019 15:06

Tgt Ion	Ratio	Lower	Upper
43	100		
58	34.7	23.2	34.8





#17

Carbon Disulfide

Concen: 16.080 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX010300.D

Acq: 14 Jun 2019 15:06

Instrument :

MSVOA_X

ClientSampleId :

VX0614WBSD01

Tot Ion: 76 Resp: 126281

Ion Ratio Lower Upper

76 100

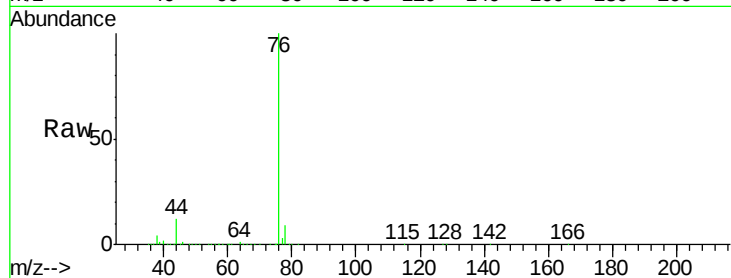
78 9.4 7.0 10.6

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

80000

60000

40000

20000

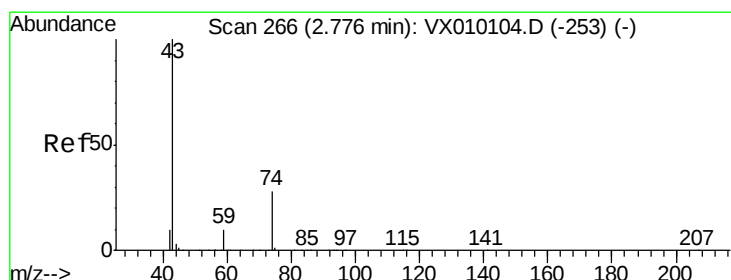
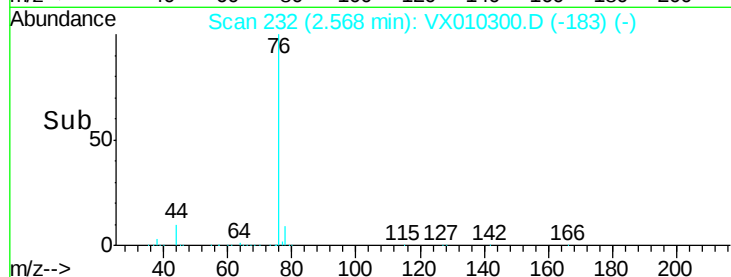
0

Time-->

2.50

2.60

2.70



#18

Methyl Acetate

Concen: 21.118 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX010300.D

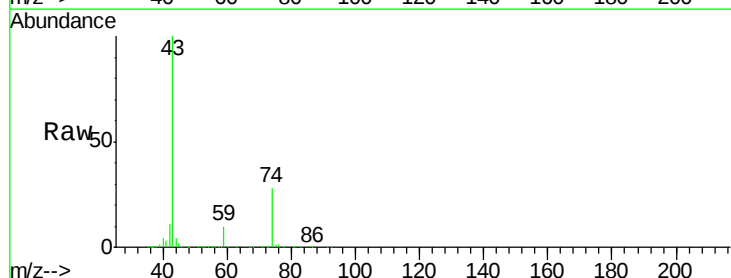
Acq: 14 Jun 2019 15:06

Tgt Ion: 43 Resp: 64520

Ion Ratio Lower Upper

43 100

74 28.0 15.8 23.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

40000

30000

20000

10000

0

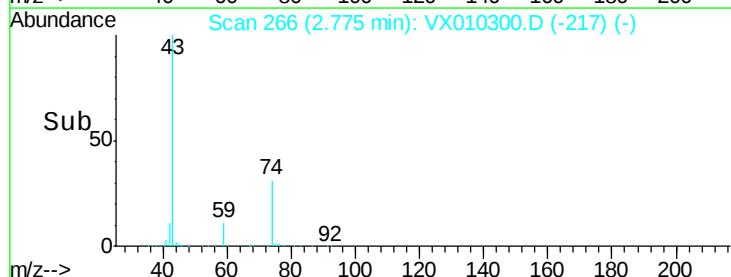
Time-->

2.70

2.75

2.80

2.85





#19

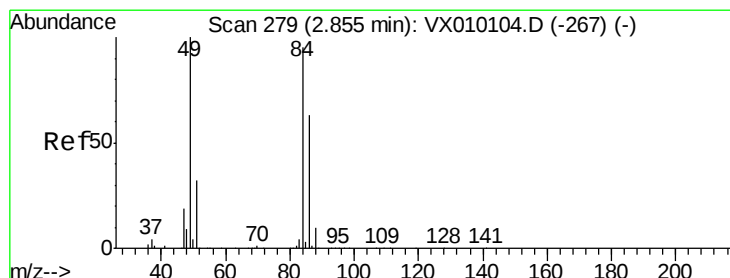
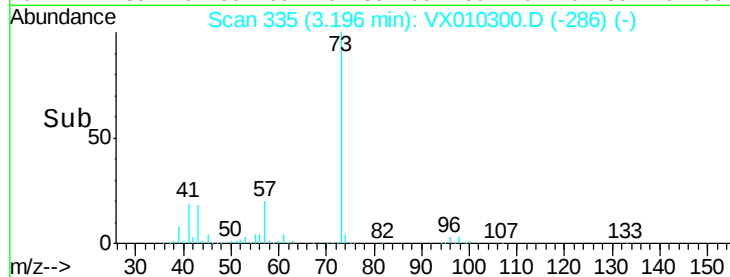
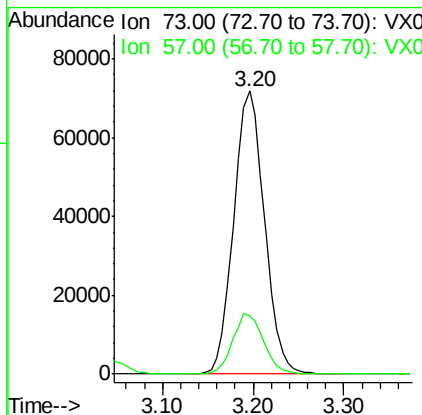
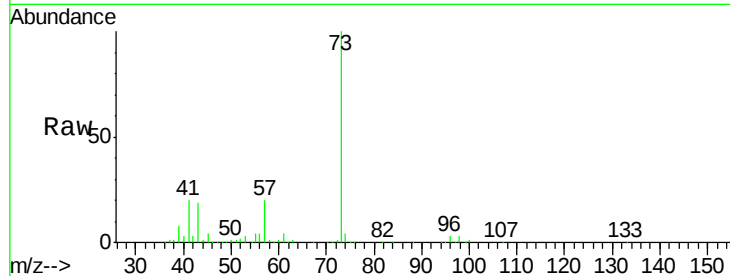
Methyl tert-butyl Ether
 Concen: 19.395 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. -0.00 min
 Lab File: VX010300.D
 Acq: 14 Jun 2019 15:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0614WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.3	19.4	29.2

Manual Integrations
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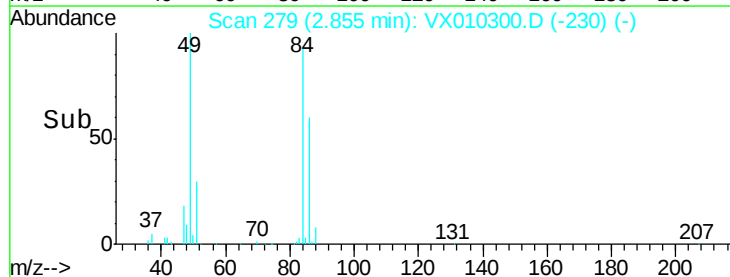
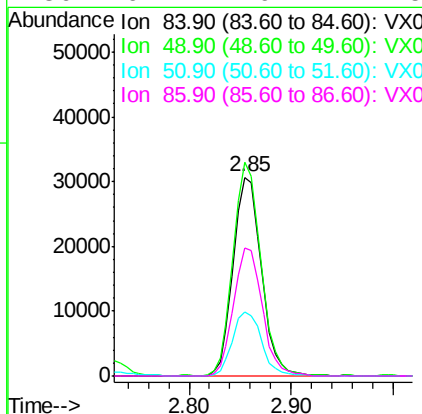
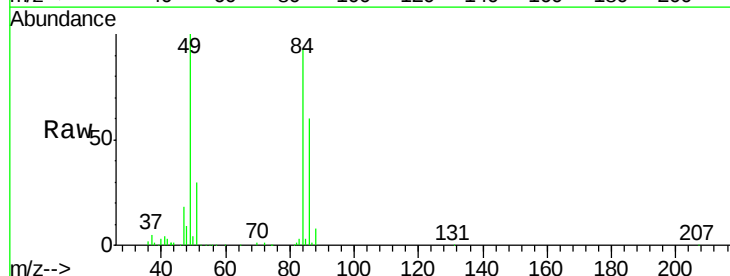
MMDadoda
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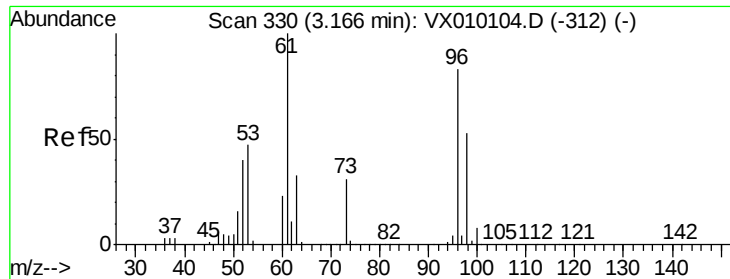


#20

Methylene Chloride
 Concen: 19.295 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX010300.D
 Acq: 14 Jun 2019 15:06

Tgt Ion	Ratio	Lower	Upper
84	100		
49	107.0	115.8	173.6#
51	31.9	34.4	51.6#
86	64.1	49.7	74.5





#21

trans-1,2-Dichloroethene

Concen: 17.945 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX010300.D

Acq: 14 Jun 2019 15:06

Instrument :

MSVOA_X

ClientSampleId :

VX0614WBSD01

Tot Ion: 96 Resp: 53975

Ion Ratio Lower Upper

96 100

61 118.7 125.7 188.5#

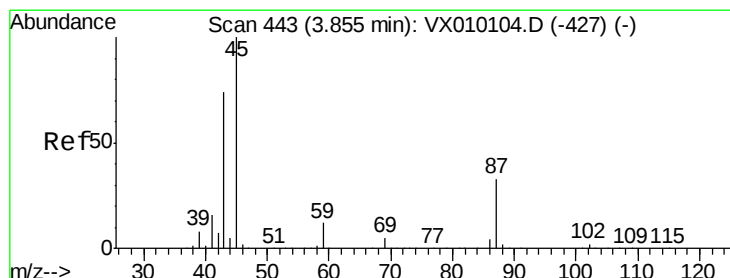
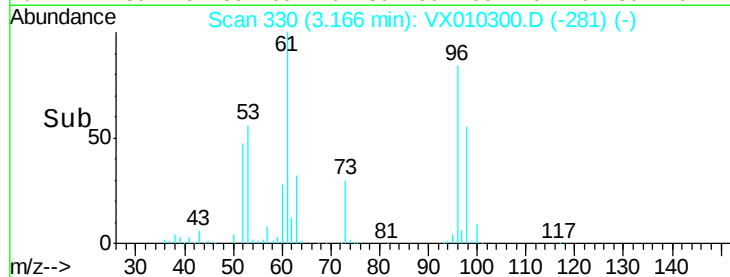
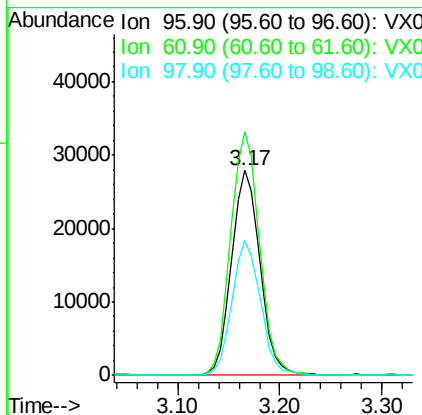
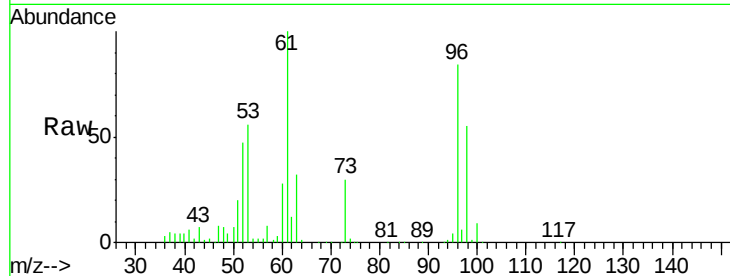
98 65.5 49.0 73.6

Manual Integrations

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#22

Diisopropyl ether

Concen: 19.915 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX010300.D

Acq: 14 Jun 2019 15:06

Tgt Ion: 45 Resp: 156218

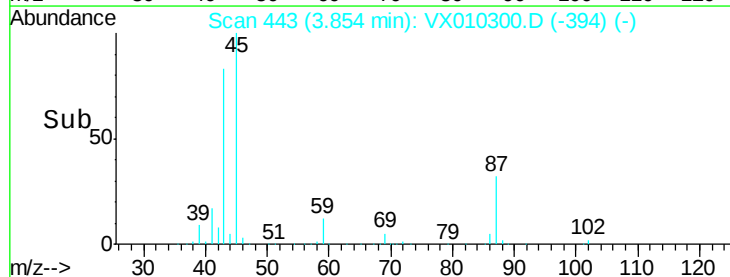
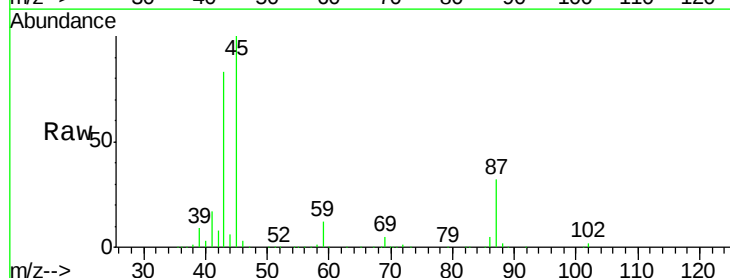
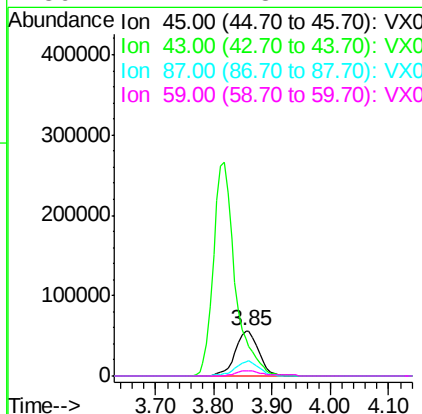
Ion Ratio Lower Upper

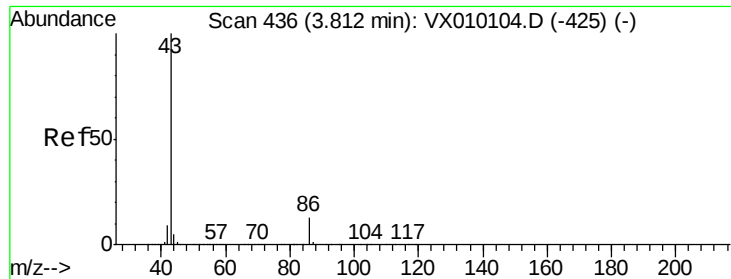
45 100

43 83.0 65.0 97.4

87 32.4 17.3 25.9#

59 11.7 8.1 12.1





#23

Vinyl Acetate

Concen: 98.551 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.01 min

Lab File: VX010300.D

Acq: 14 Jun 2019 15:06

Instrument :

MSVOA_X

ClientSampleId :

VX0614WBSD01

Tot Ion: 43 Resp: 689636

Ion Ratio Lower Upper

43 100

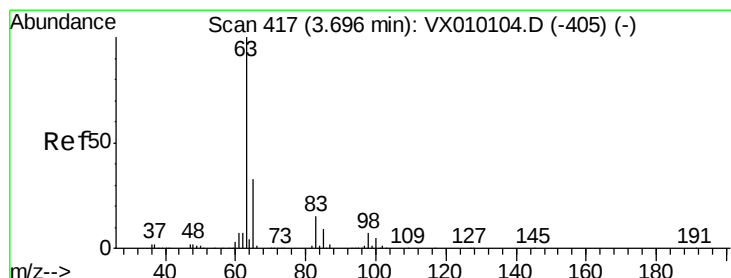
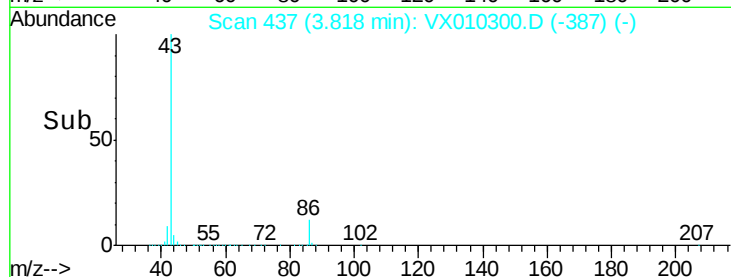
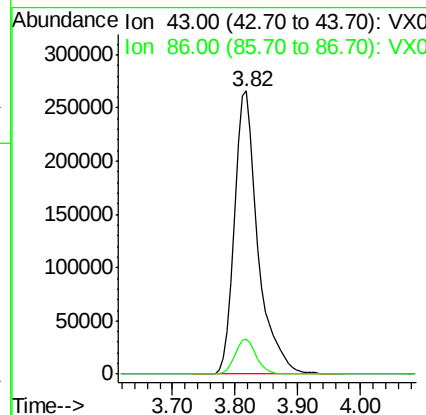
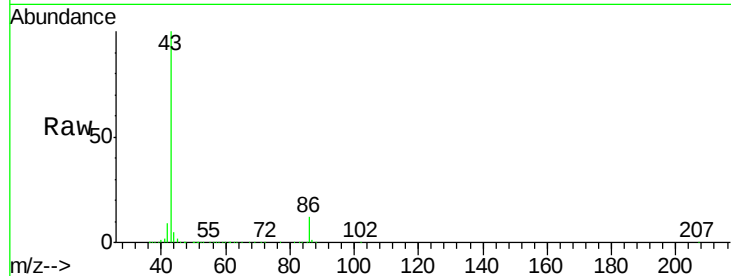
86 12.4 6.5 9.7#

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 18.962 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX010300.D

Acq: 14 Jun 2019 15:06

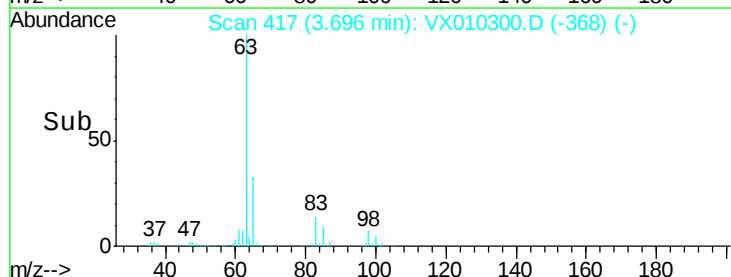
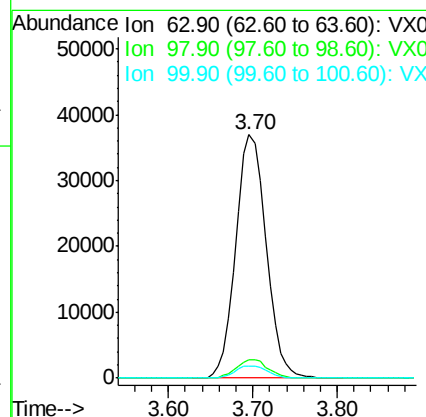
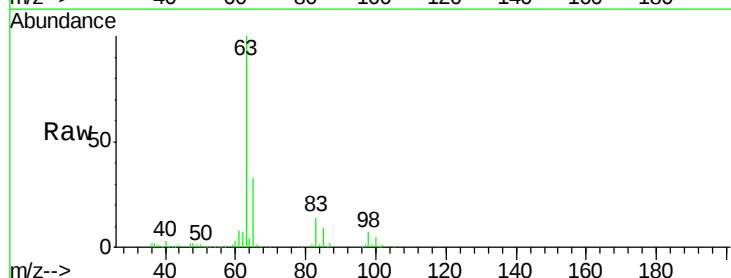
Tgt Ion: 63 Resp: 90310

Ion Ratio Lower Upper

63 100

98 7.5 2.9 8.8

100 5.0 1.8 5.4





#25

2-Butanone

Concen: 101.791 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX010300.D

Acq: 14 Jun 2019 15:06

Instrument :

MSVOA_X

ClientSampleId :

VX0614WBSD01

Tot Ion: 43 Resp: 210575

Ion Ratio Lower Upper

43 100

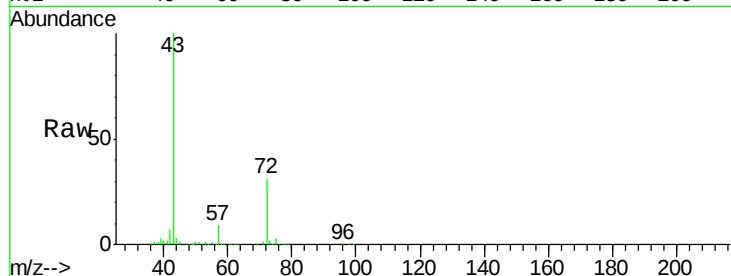
72 31.0 17.5 26.3#

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

80000

60000

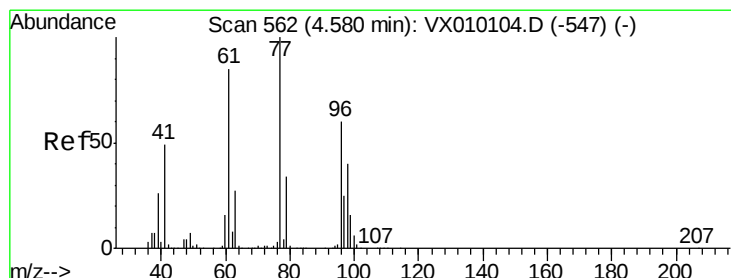
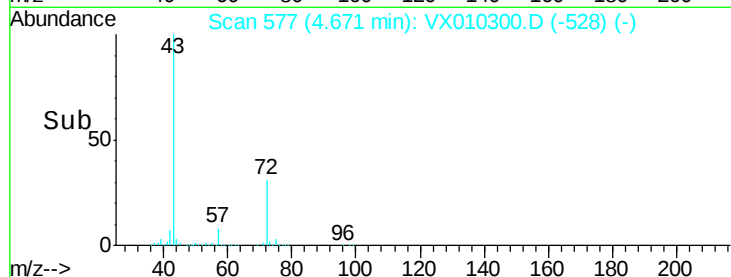
40000

20000

0

4.60 4.67 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 17.225 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX010300.D

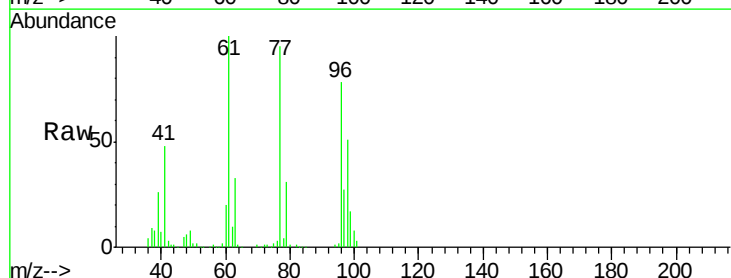
Acq: 14 Jun 2019 15:06

Tgt Ion: 77 Resp: 74841

Ion Ratio Lower Upper

77 100

97 27.0 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

25000

20000

15000

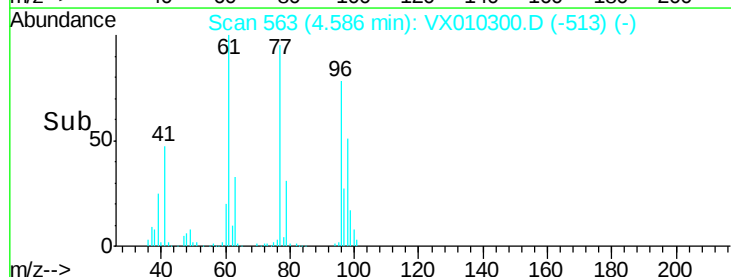
10000

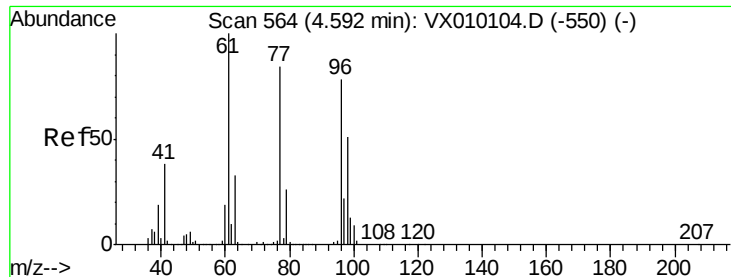
5000

0

4.50 4.59 4.60 4.70

Time-->





#27

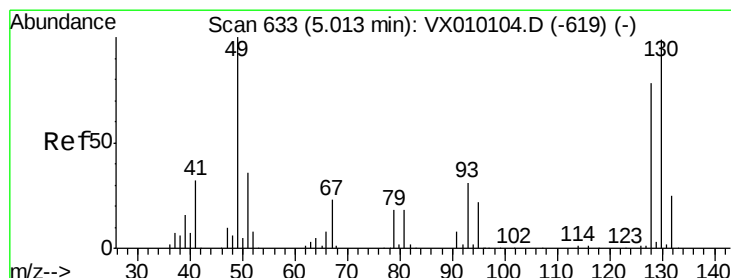
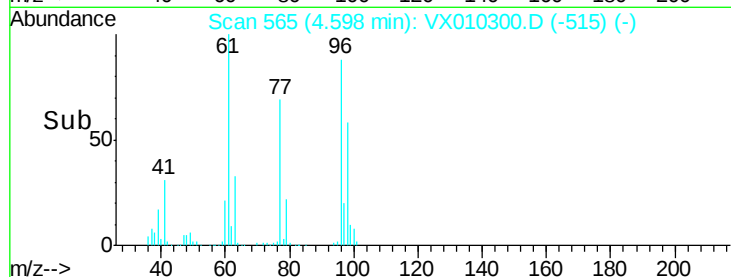
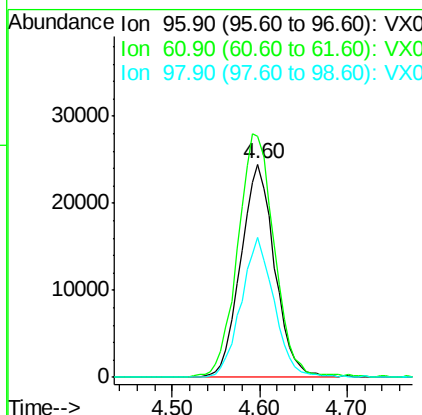
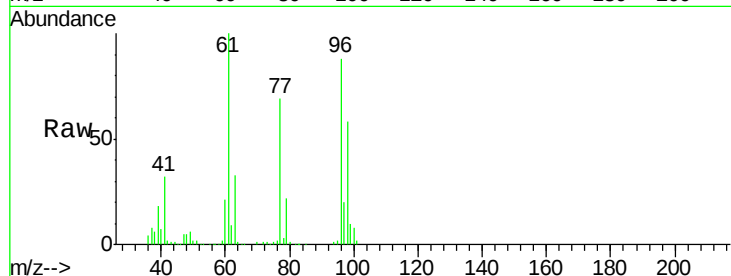
cis-1,2-Dichloroethene
Concen: 19.784 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX010300.D
Acq: 14 Jun 2019 15:06

Instrument :
MSVOA_X
ClientSampled :
VX0614WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	122.6	0.0	334.0
98	63.9	0.0	131.6

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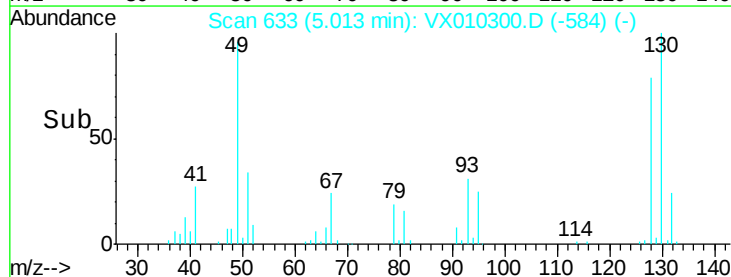
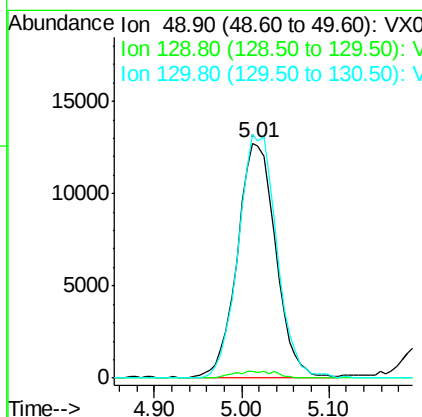
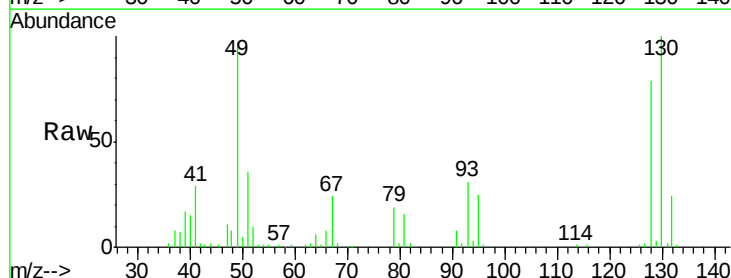
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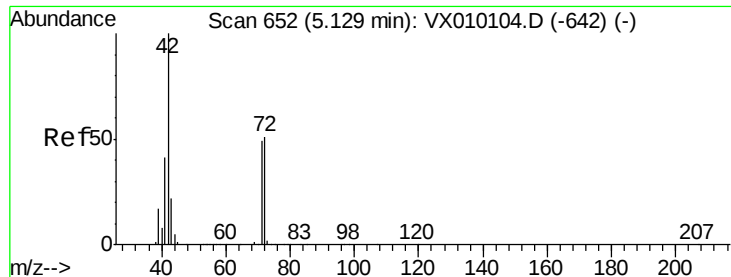


#28

Bromochloromethane
Concen: 18.333 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.00 min
Lab File: VX010300.D
Acq: 14 Jun 2019 15:06

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.3	0.0	3.4
130	103.4	49.4	74.2#





#29

Tetrahydrofuran

Concen: 102.276 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX010300.D

Acq: 14 Jun 2019 15:06

Instrument :

MSVOA_X

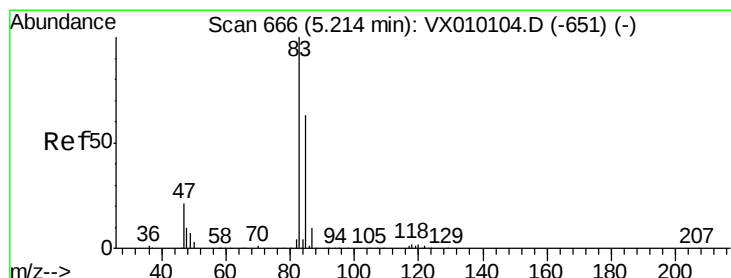
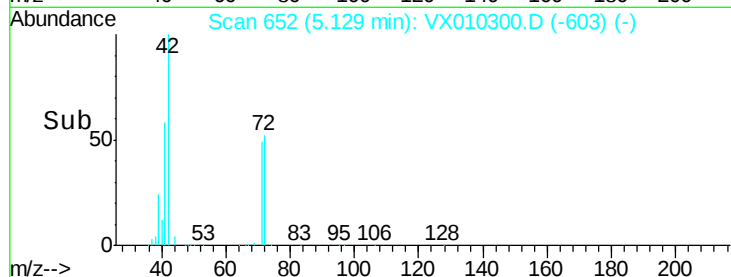
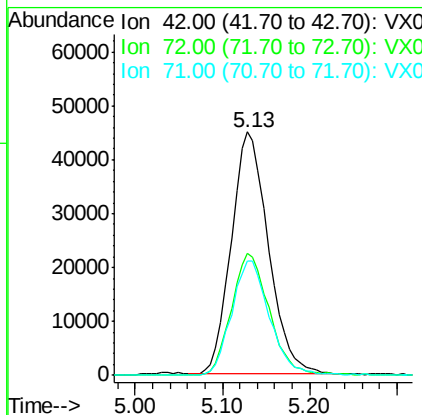
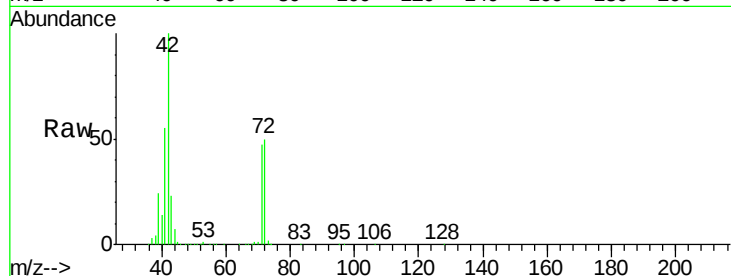
ClientSampleId :

VX0614WBSD01

Tot Ion:	42	Resp:	132967
Ion	Ratio	Lower	Upper
42	100		
72	51.6	29.2	43.8#
71	47.8	27.6	41.4#

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#30

Chloroform

Concen: 19.784 ug/l

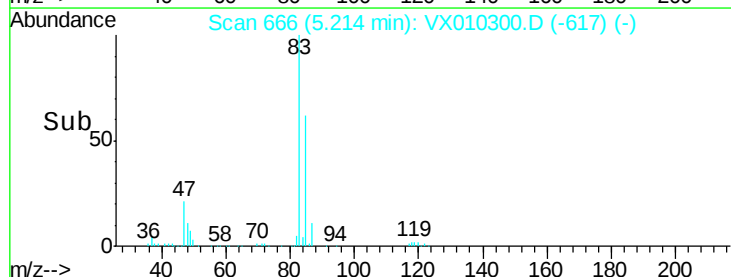
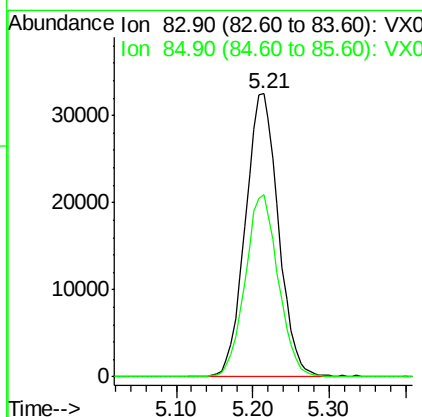
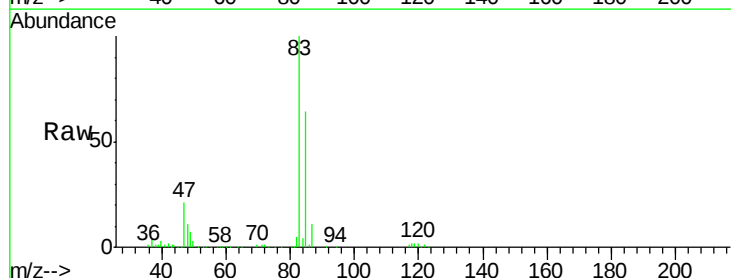
RT: 5.21 min Scan# 666

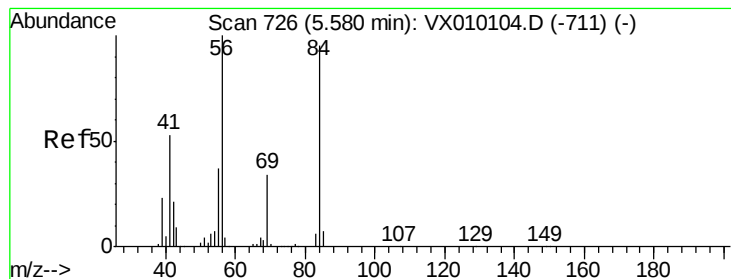
Delta R.T. -0.00 min

Lab File: VX010300.D

Acq: 14 Jun 2019 15:06

Tgt Ion:	83	Resp:	97856
Ion	Ratio	Lower	Upper
83	100		
85	64.1	52.6	78.8





#31

Cyclohexane

Concen: 18.858 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX010300.D

Acq: 14 Jun 2019 15:06

Instrument :

MSVOA_X

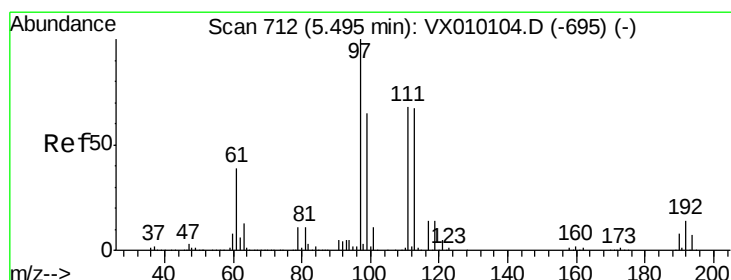
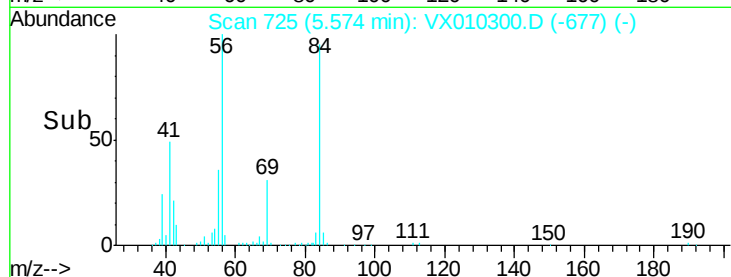
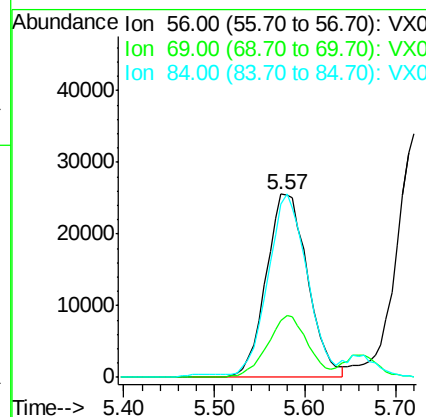
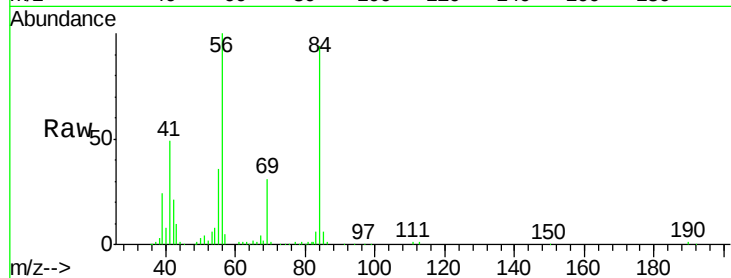
ClientSampleId :

VX0614WBSD01

Tot Ion:	56	Resp:	81058
Ion	Ratio	Lower	Upper
56	100		
69	30.9	21.6	32.4
84	93.1	56.8	85.2#

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#32

1,1,1-Trichloroethane

Concen: 18.540 ug/l

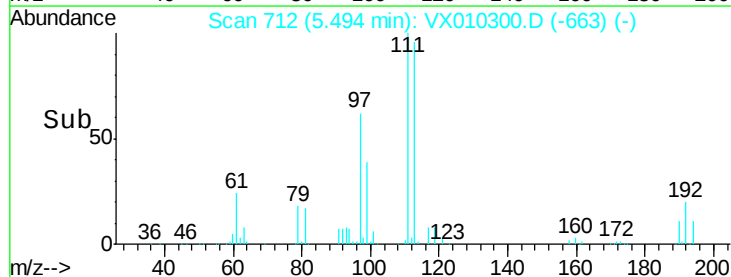
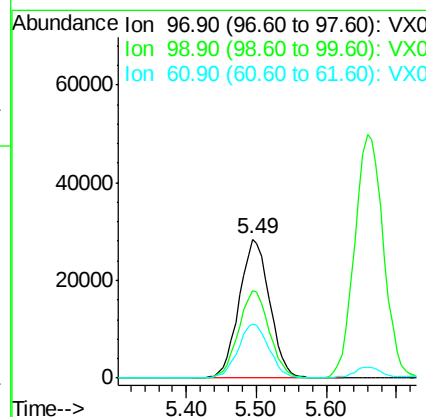
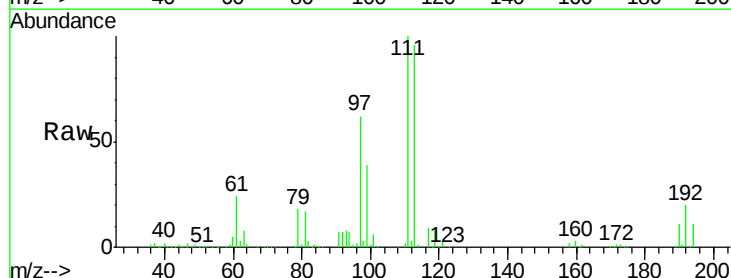
RT: 5.49 min Scan# 712

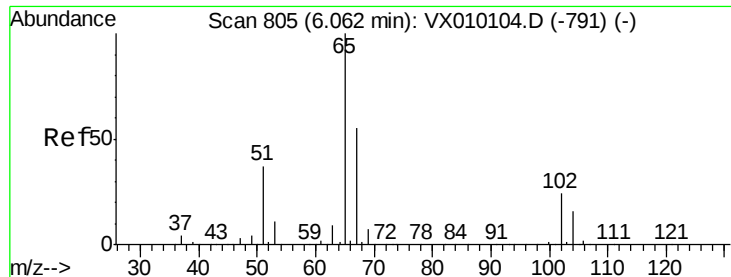
Delta R.T. -0.00 min

Lab File: VX010300.D

Acq: 14 Jun 2019 15:06

Tgt Ion:	97	Resp:	86210
Ion	Ratio	Lower	Upper
97	100		
99	63.2	51.0	76.4
61	39.7	38.7	58.1





#33

1,2-Dichloroethane-d4

Concen: 44.078 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010300.D

Acq: 14 Jun 2019 15:06

Instrument :

MSVOA_X

ClientSampleId :

VX0614WBSD01

Tot Ion: 65 Resp: 130192

Ion Ratio Lower Upper

65 100

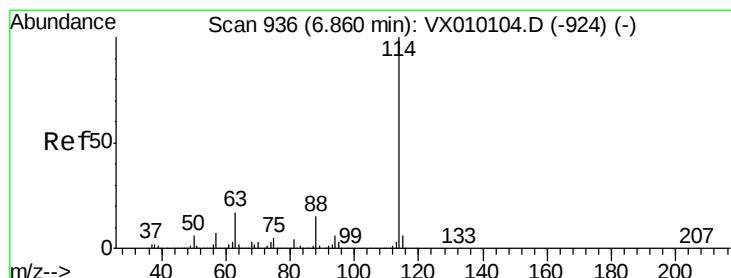
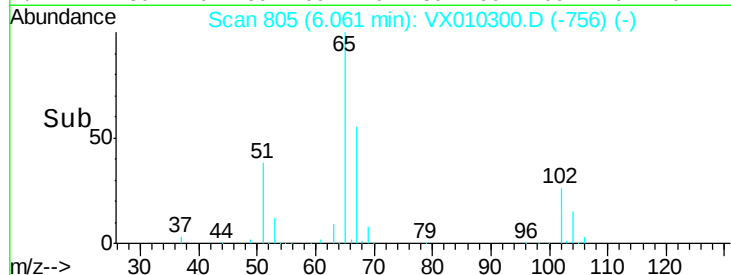
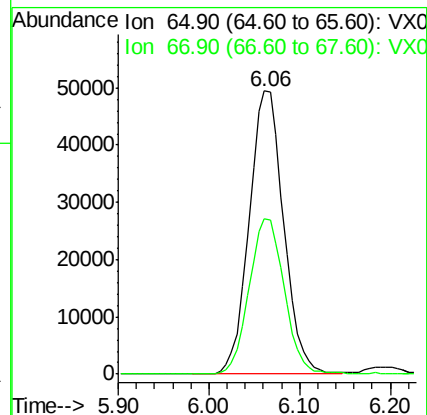
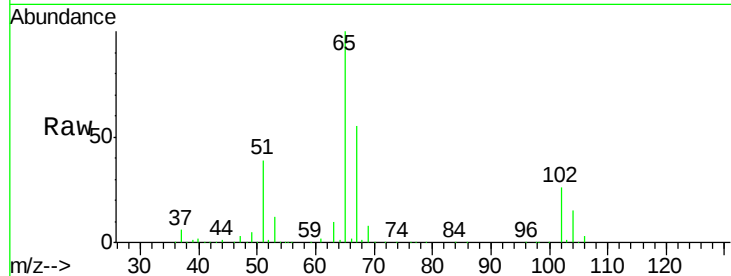
67 55.9 0.0 108.4

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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: VX010300.D

Acq: 14 Jun 2019 15:06

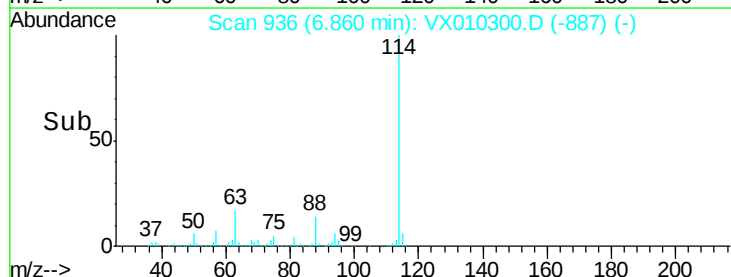
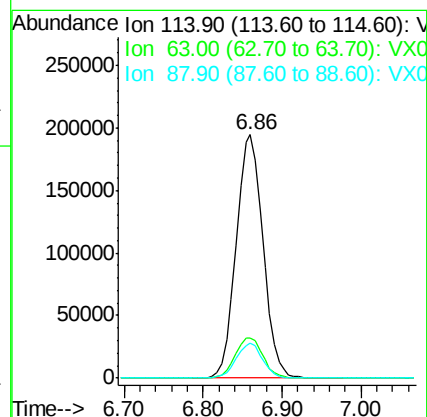
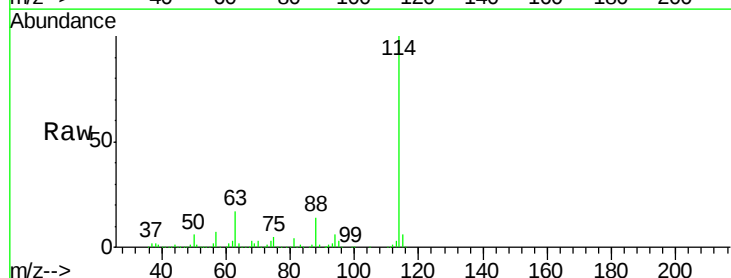
Tgt Ion: 114 Resp: 460800

Ion Ratio Lower Upper

114 100

63 16.6 0.0 47.4

88 14.2 0.0 33.0





#35

Dibromofluoromethane

Concen: 45.809 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010300.D

Acq: 14 Jun 2019 15:06

Instrument :

MSVOA_X

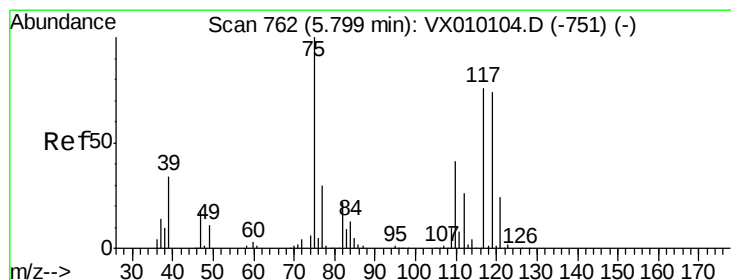
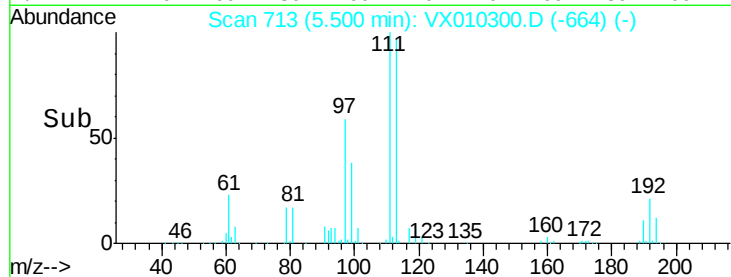
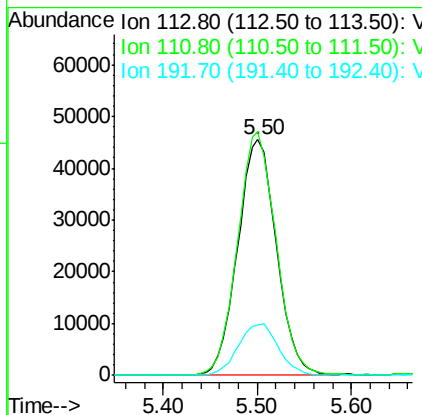
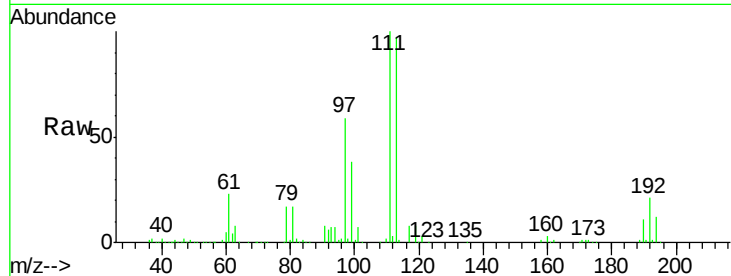
ClientSampleId :

VX0614WBSD01

Tot Ion:	113	Resp:	130203
Ion Ratio	Lower	Upper	
113	100		
111	102.7	82.2	123.2
192	22.6	17.1	25.7

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#36

1,1-Dichloropropene

Concen: 18.365 ug/l

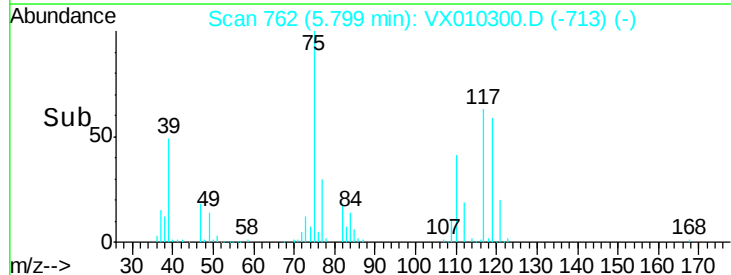
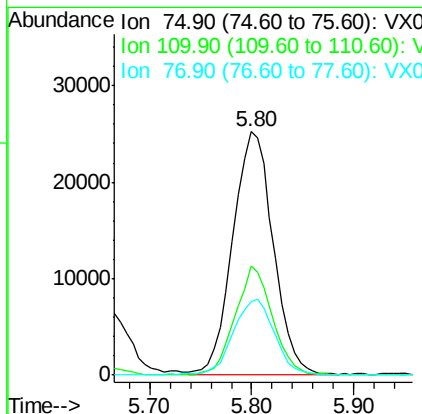
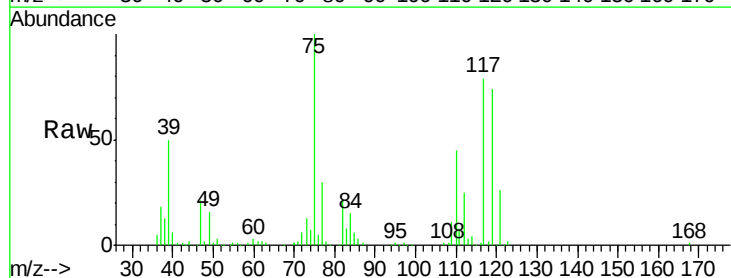
RT: 5.80 min Scan# 762

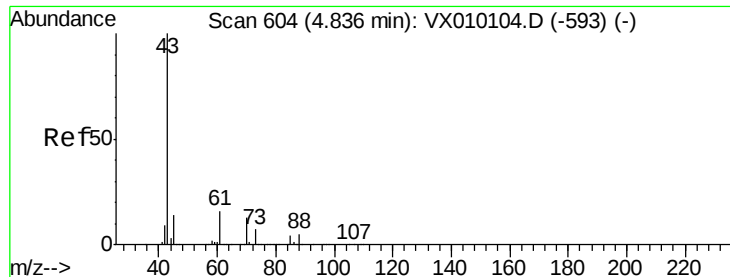
Delta R.T. -0.00 min

Lab File: VX010300.D

Acq: 14 Jun 2019 15:06

Tgt Ion:	75	Resp:	69041
Ion Ratio	Lower	Upper	
75	100		
110	41.6	16.7	50.1
77	31.9	25.0	37.4





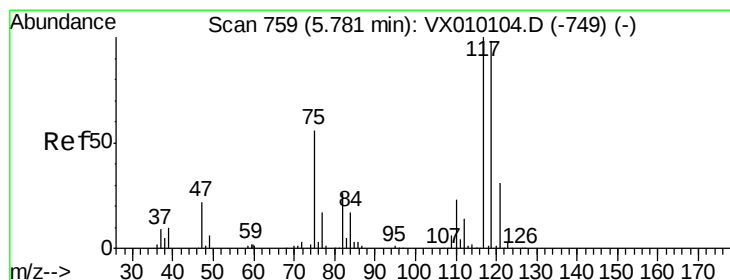
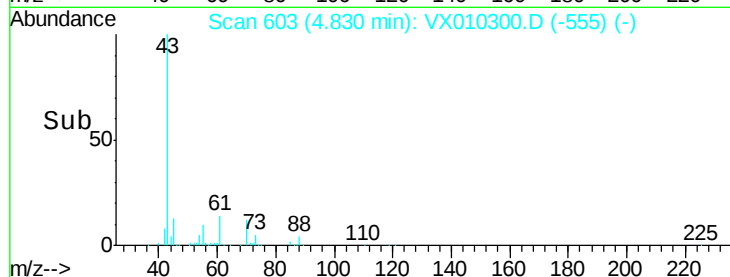
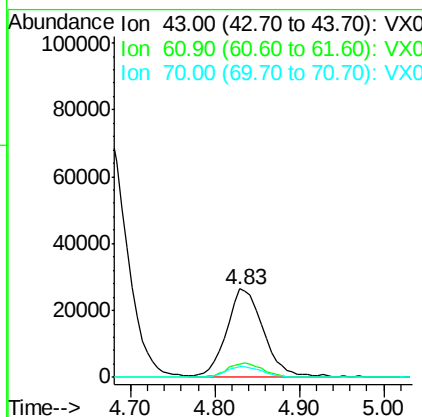
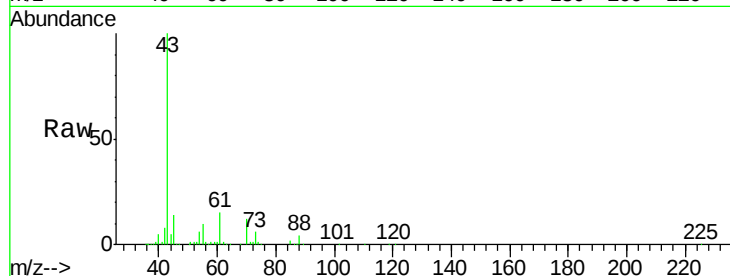
#37
Ethyl Acetate
Concen: 19.635 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX010300.D
Acq: 14 Jun 2019 15:06

Instrument :
MSVOA_X
ClientSampleID :
VX0614WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.6	10.2	15.2#
70	12.8	7.4	11.2#

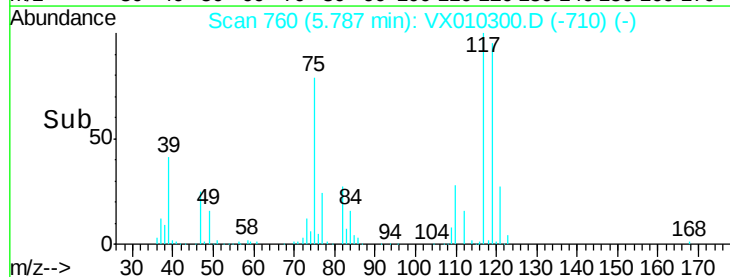
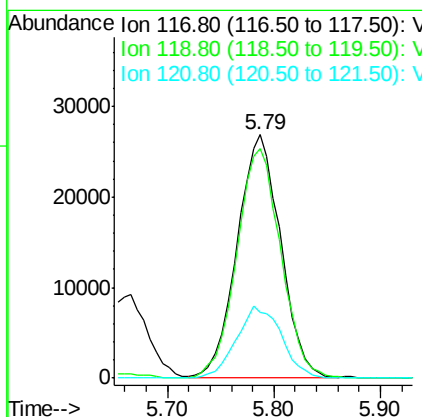
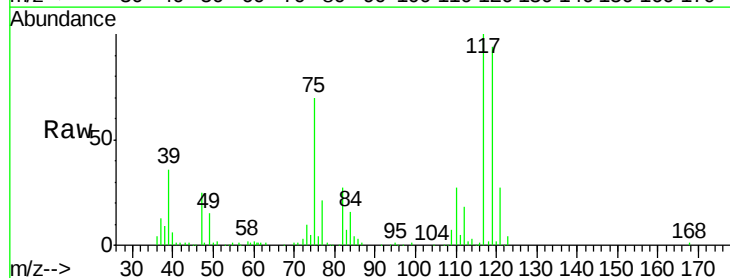
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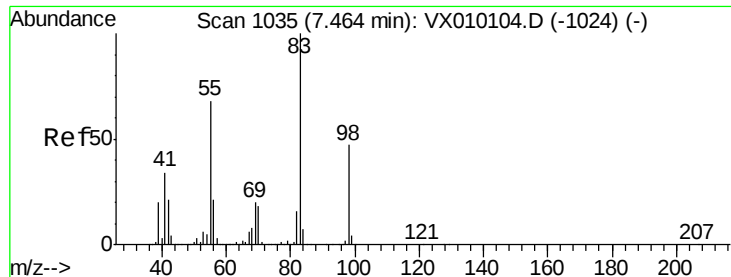
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#38
Carbon Tetrachloride
Concen: 18.037 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX010300.D
Acq: 14 Jun 2019 15:06

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.2	77.3	115.9
121	27.3	25.4	38.0





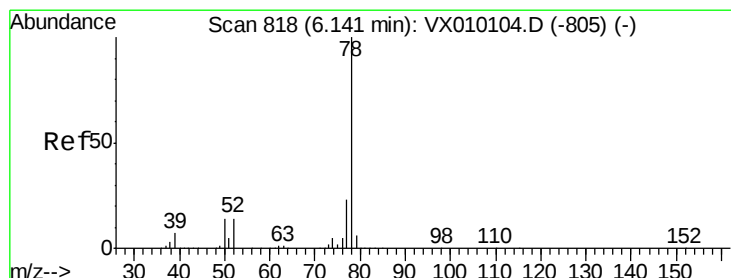
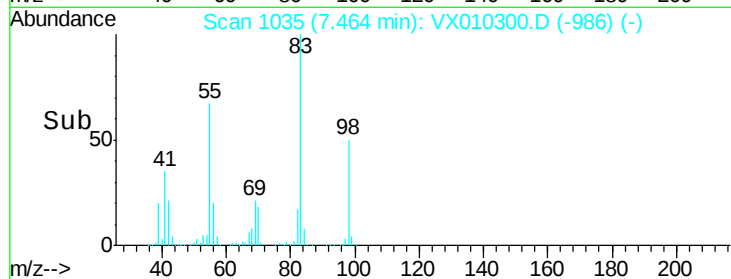
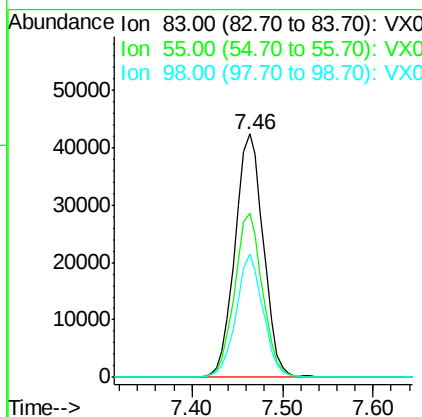
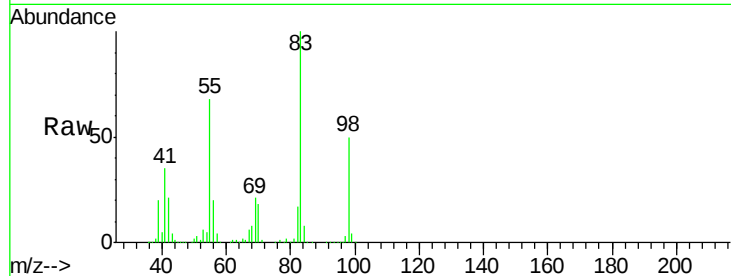
#39
Methvlcvclohexane
Concen: 17.945 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX010300.D
Acq: 14 Jun 2019 15:06

Instrument :
MSVOA_X
ClientSampleId :
VX0614WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	67.4	69.9	104.9#
98	50.4	35.1	52.7

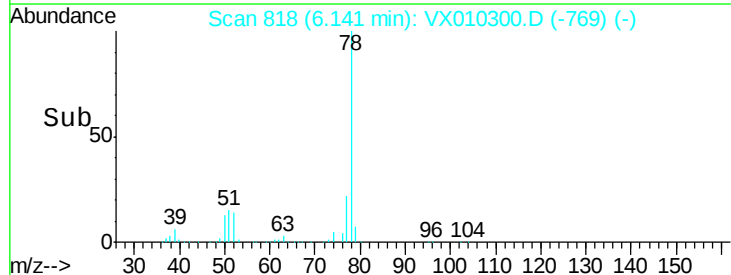
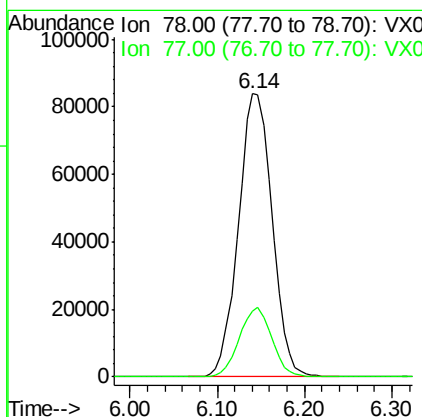
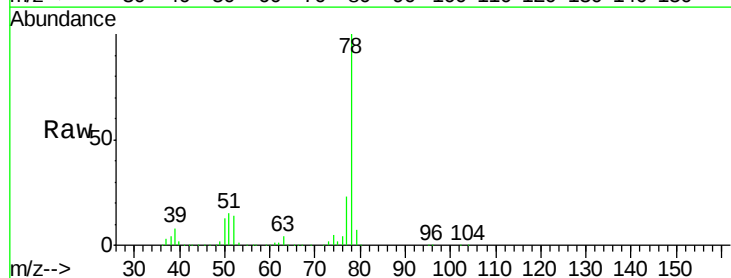
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#40
Benzene
Concen: 19.387 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX010300.D
Acq: 14 Jun 2019 15:06

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.2	28.8





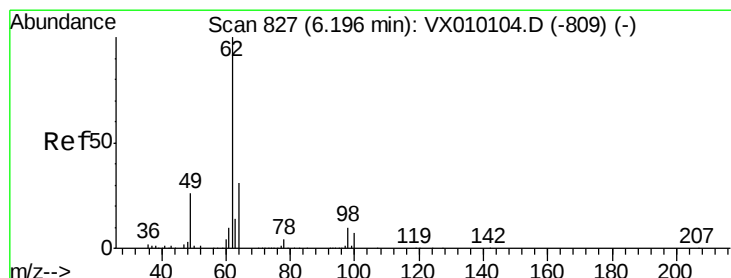
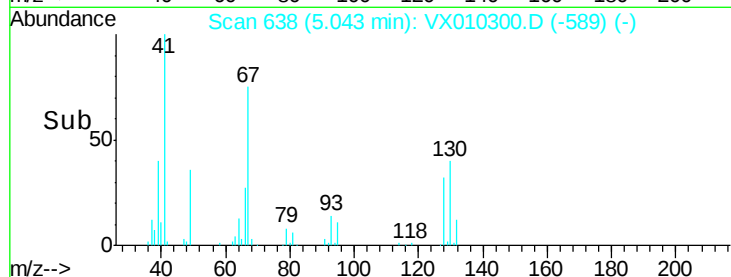
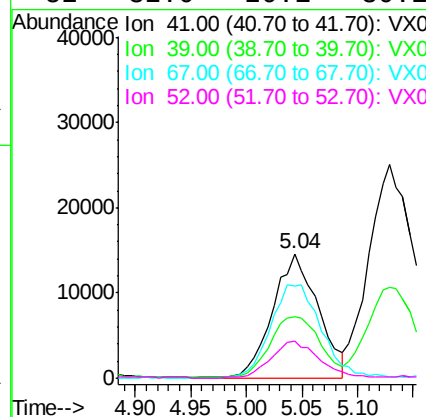
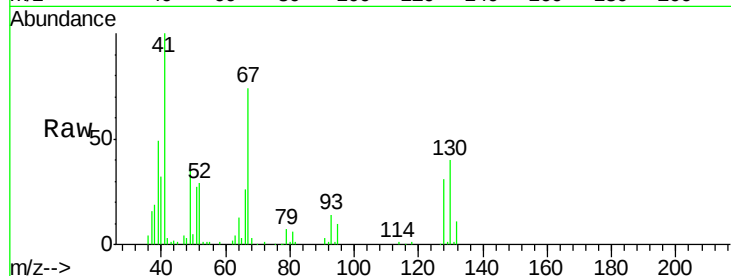
#41
Methacrylonitrile
Concen: 19.473 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX010300.D
Acq: 14 Jun 2019 15:06

Instrument :
MSVOA_X
ClientSampleId :
VX0614WBSD01

Tot Ion	Ratio	Lower	Upper
41	100		
39	54.1	42.2	63.4
67	85.0	48.9	73.3
52	32.0	20.1	30.1

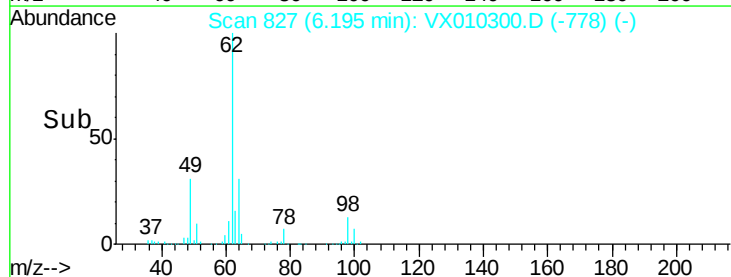
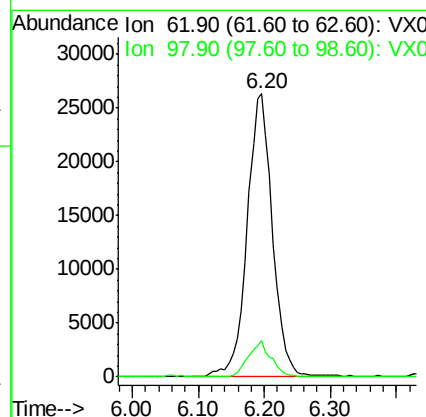
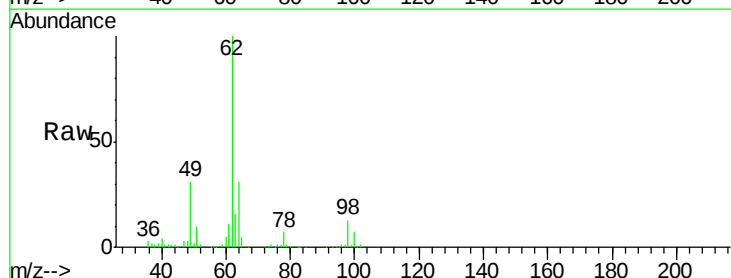
Manual Integrations
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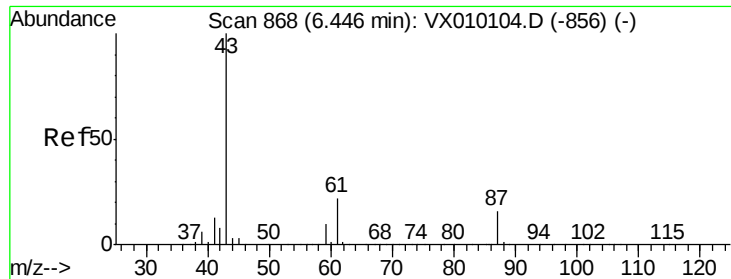
MMDadoda
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#42
1,2-Dichloroethane
Concen: 18.852 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX010300.D
Acq: 14 Jun 2019 15:06

Tgt Ion	Ratio	Lower	Upper
62	100		
98	11.4	0.0	17.2





#43

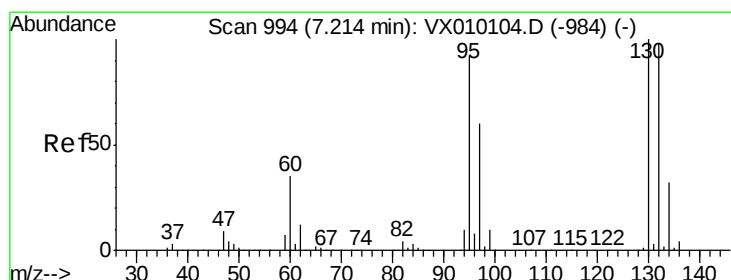
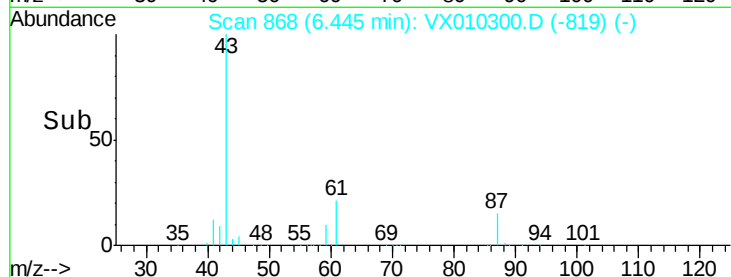
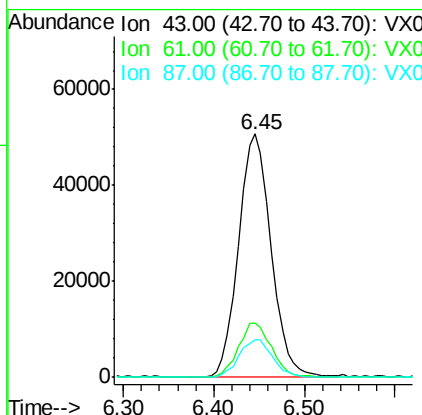
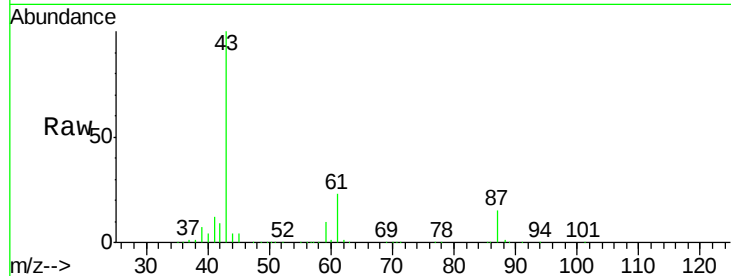
Isopropyl Acetate
 Concen: 19.265 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX010300.D
 Acq: 14 Jun 2019 15:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0614WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.9	14.6	21.8#
87	16.0	8.7	13.1#

Manual Integrations
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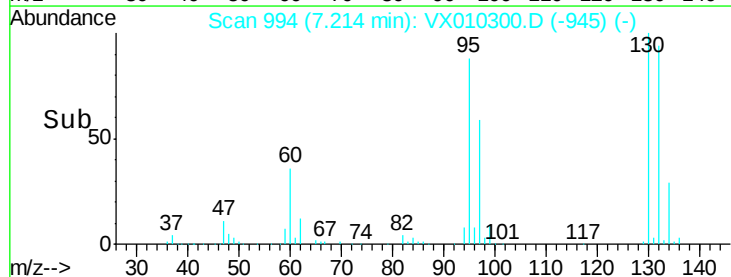
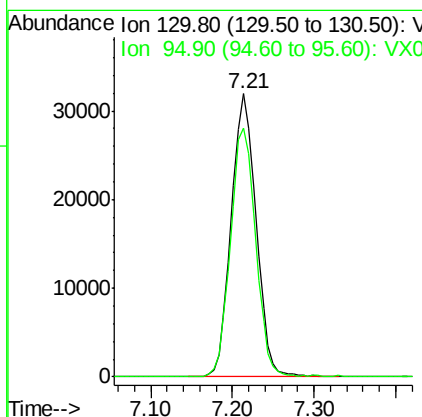
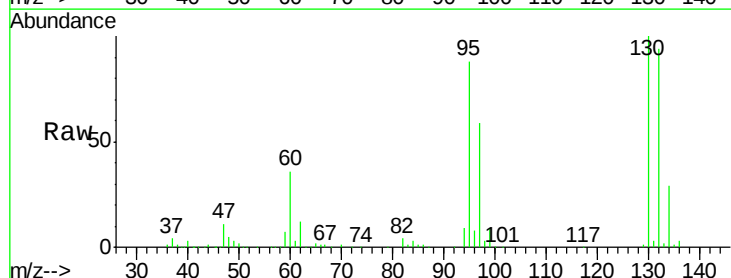
MMDadoda
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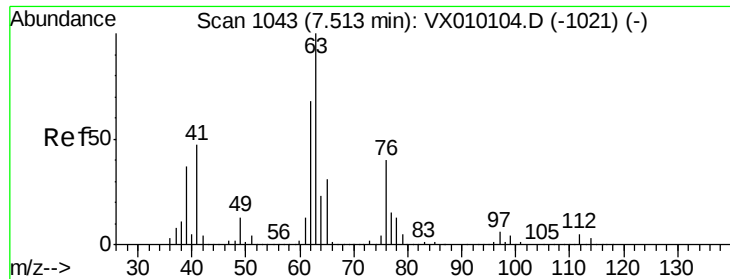


#44

Trichloroethene
 Concen: 19.105 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX010300.D
 Acq: 14 Jun 2019 15:06

Tgt Ion	Ratio	Lower	Upper
130	100		
95	88.0	0.0	207.4





#45

1,2-Dichloropropane

Concen: 19.496 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX010300.D

Acq: 14 Jun 2019 15:06

Instrument :

MSVOA_X

ClientSampleId :

VX0614WBSD01

Tot Ion: 63 Resp: 56726

Ion Ratio Lower Upper

63 100

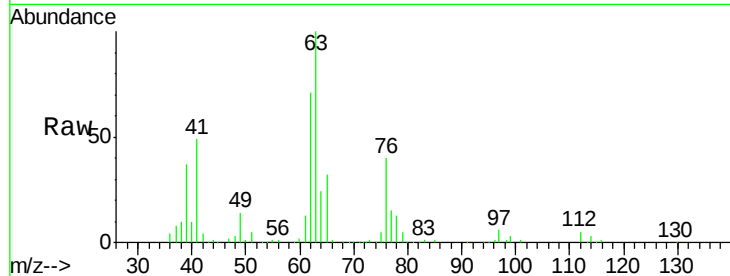
65 32.0 25.7 38.5

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

30000

25000

20000

15000

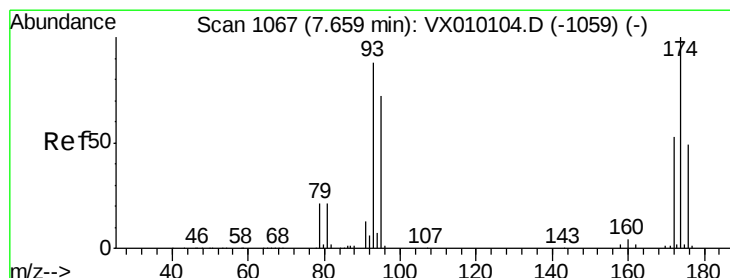
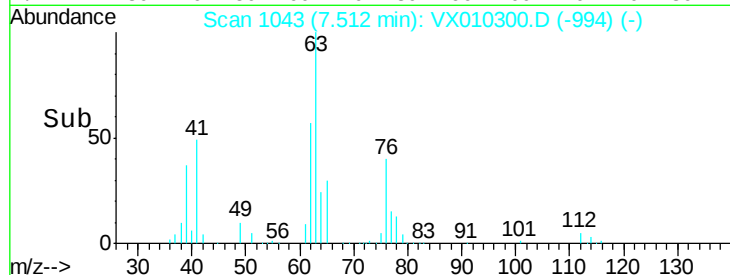
10000

5000

0

7.40 7.50 7.60

Time-->



#46

Dibromomethane

Concen: 18.641 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX010300.D

Acq: 14 Jun 2019 15:06

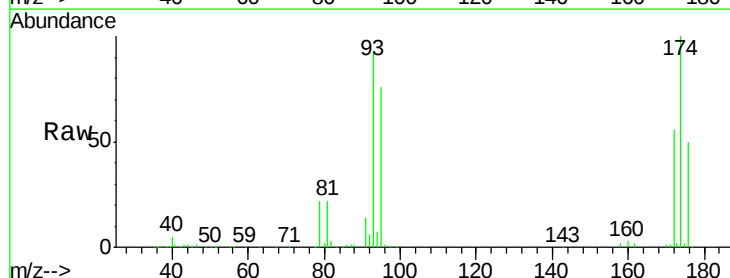
Tgt Ion: 93 Resp: 40634

Ion Ratio Lower Upper

93 100

95 85.9 66.8 100.2

174 116.0 81.9 122.9



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

30000

25000

20000

15000

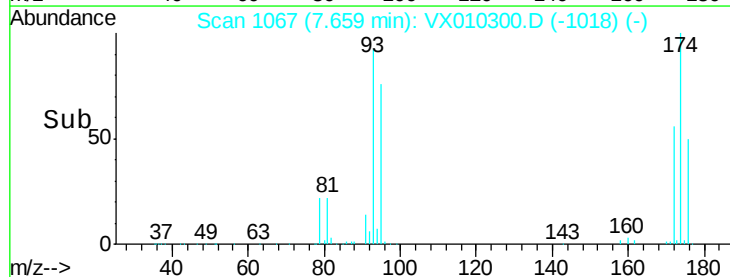
10000

5000

0

7.55 7.60 7.65 7.70 7.75

Time-->





#47

Bromodichloromethane

Concen: 18.318 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX010300.D

Acq: 14 Jun 2019 15:06

Instrument :

MSVOA_X

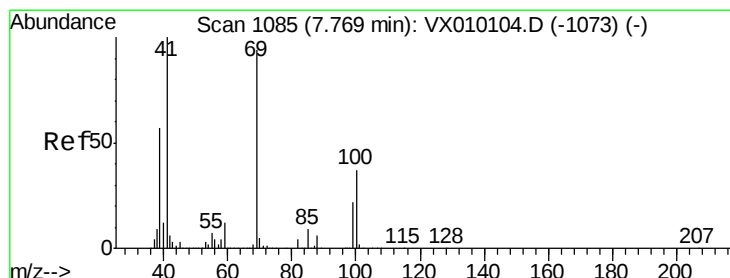
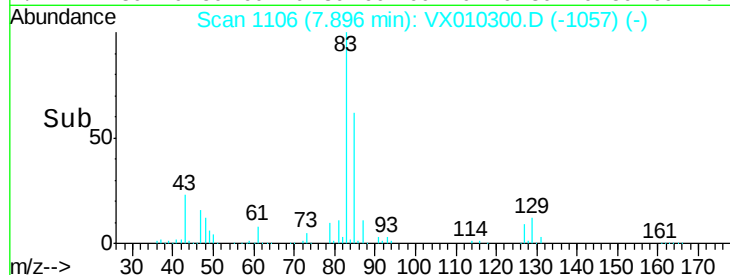
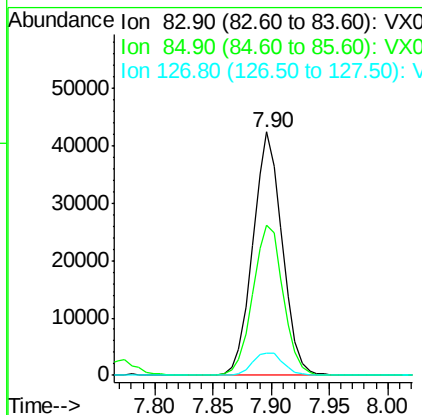
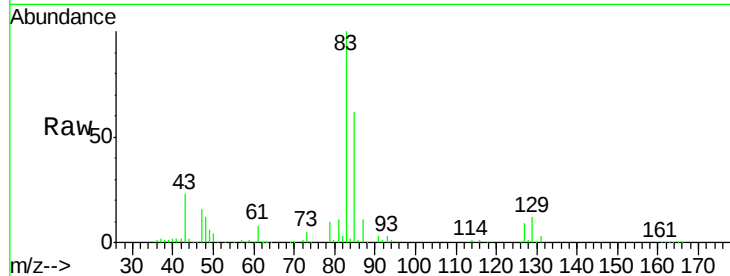
ClientSampleId :

VX0614WBSD01

Tot Ion:	83	Resp:	74613
Ion	Ratio	Lower	Upper
83	100		
85	61.6	51.4	77.2
127	9.1	6.4	9.6

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#48

Methyl methacrylate

Concen: 19.285 ug/l

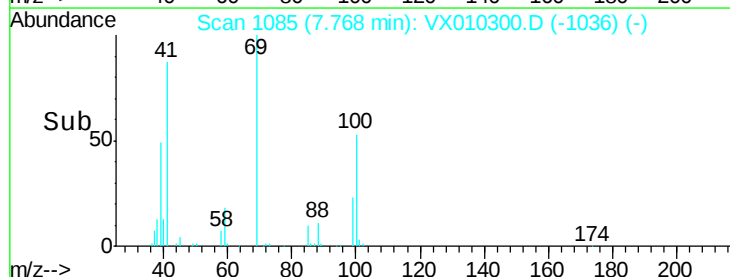
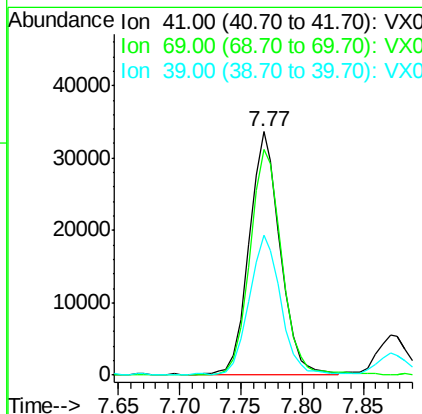
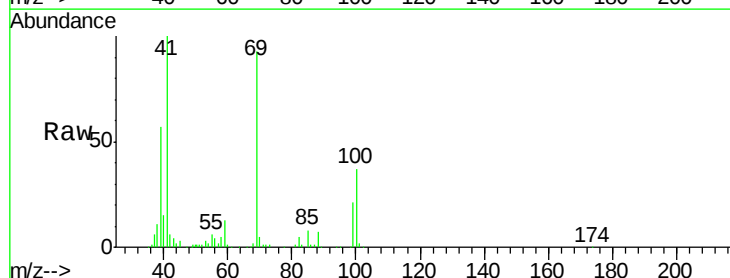
RT: 7.77 min Scan# 1085

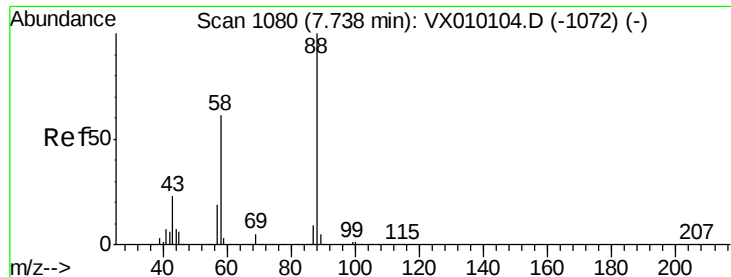
Delta R.T. -0.00 min

Lab File: VX010300.D

Acq: 14 Jun 2019 15:06

Tgt Ion:	41	Resp:	58985
Ion	Ratio	Lower	Upper
41	100		
69	96.1	56.4	84.6#
39	58.5	40.6	60.8





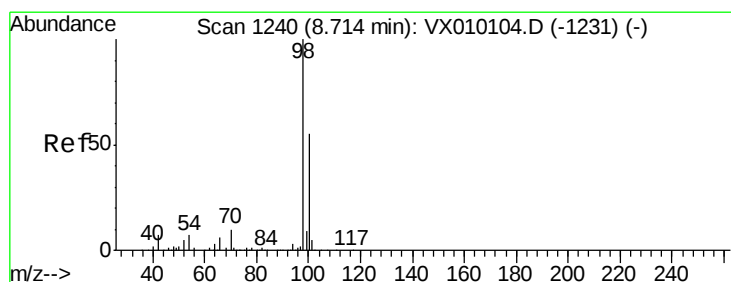
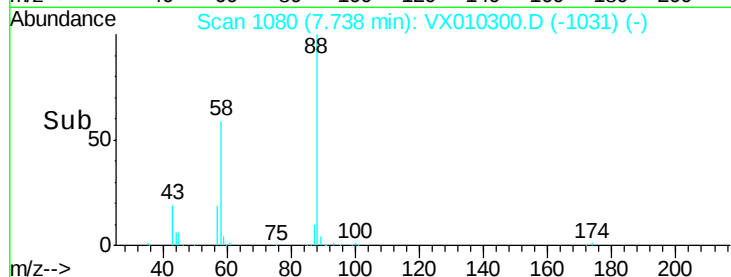
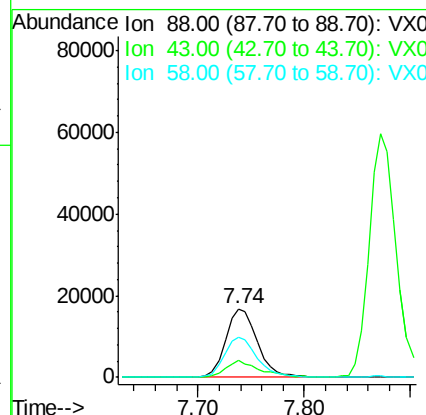
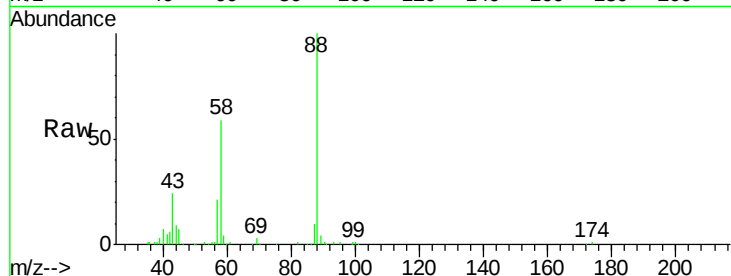
#49
1,4-Dioxane
Concen: 400.298 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX010300.D
Acq: 14 Jun 2019 15:06

Instrument :
MSVOA_X
ClientSampleId :
VX0614WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	25.5	30.2	45.4#
58	61.1	64.0	96.0#

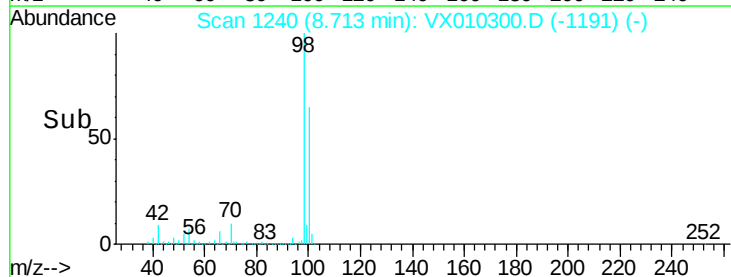
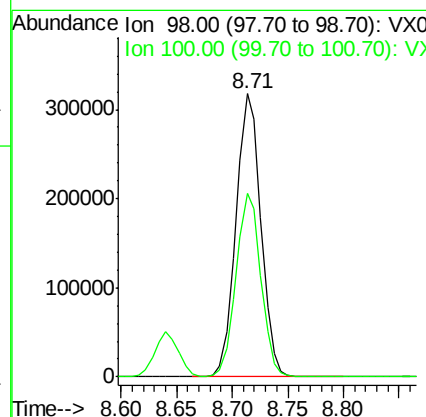
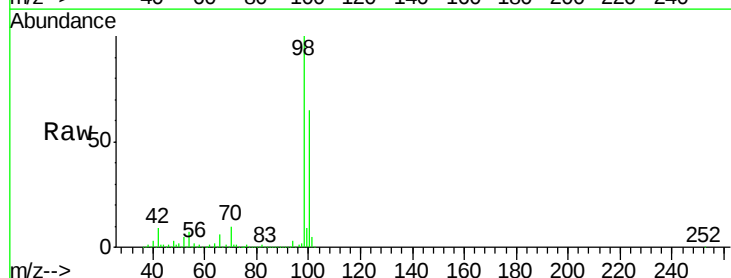
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#50
Toluene-d8
Concen: 46.162 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010300.D
Acq: 14 Jun 2019 15:06

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.5	77.3





#51

4-Methyl-2-Pentanone

Concen: 104.828 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX010300.D

Acq: 14 Jun 2019 15:06

Instrument :

MSVOA_X

ClientSampleId :

VX0614WBSD01

Tot Ion: 43 Resp: 409568

Ion Ratio Lower Upper

43 100

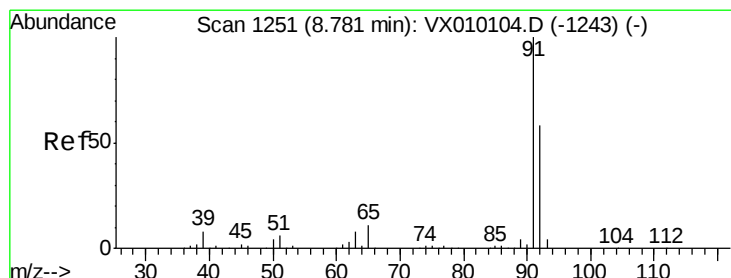
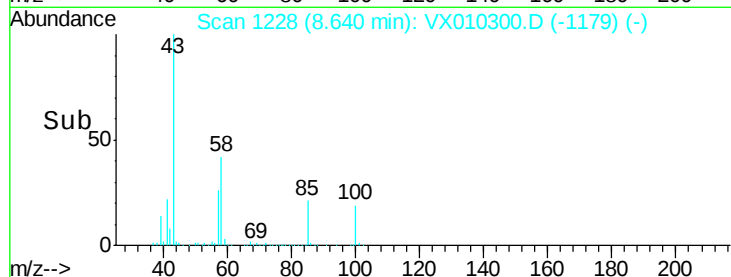
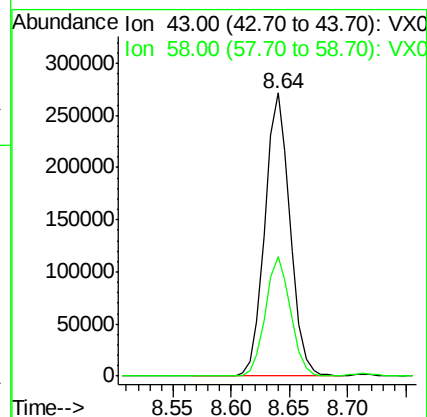
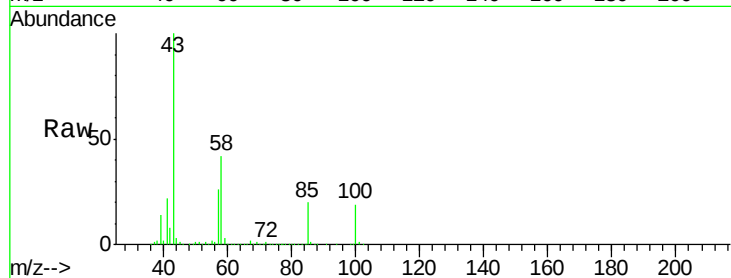
58 42.2 28.8 43.2

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#52

Toluene

Concen: 19.127 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX010300.D

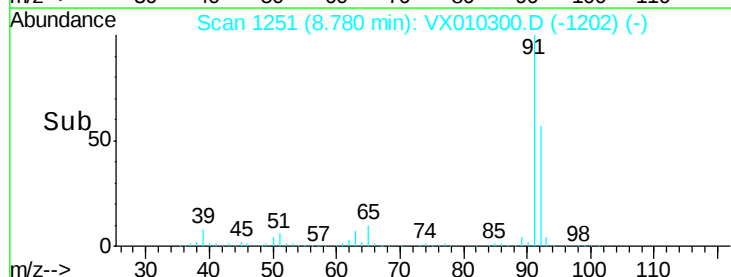
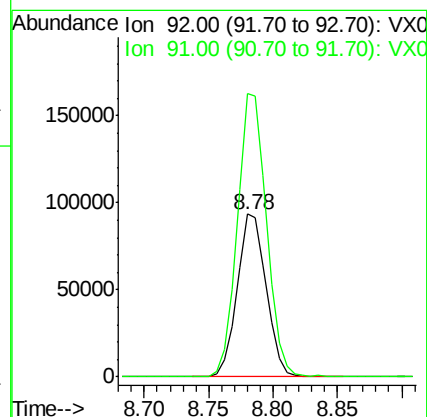
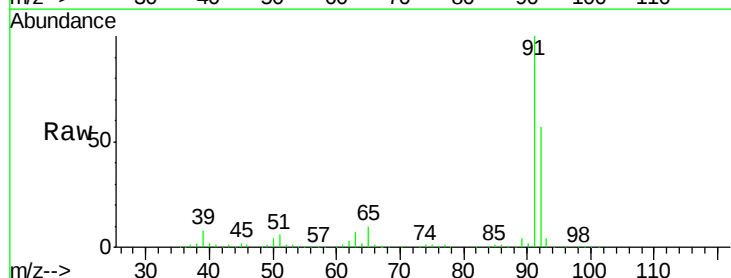
Acq: 14 Jun 2019 15:06

Tgt Ion: 92 Resp: 146159

Ion Ratio Lower Upper

92 100

91 175.7 139.9 209.9





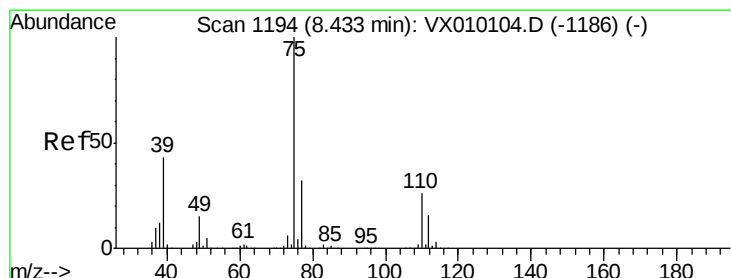
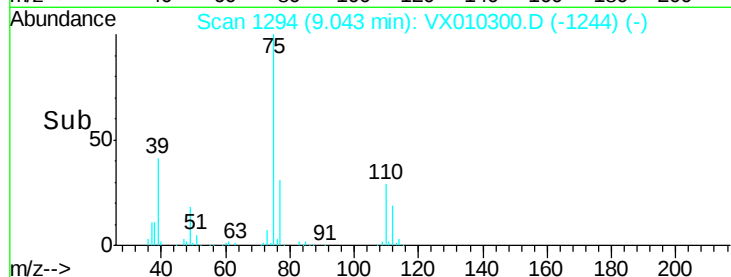
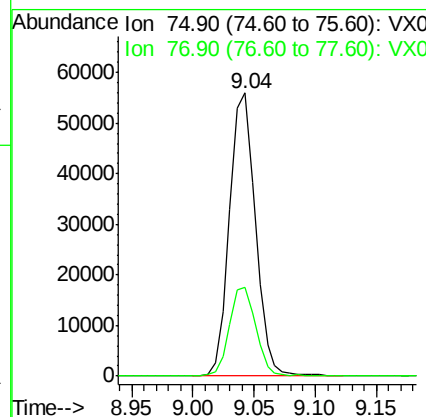
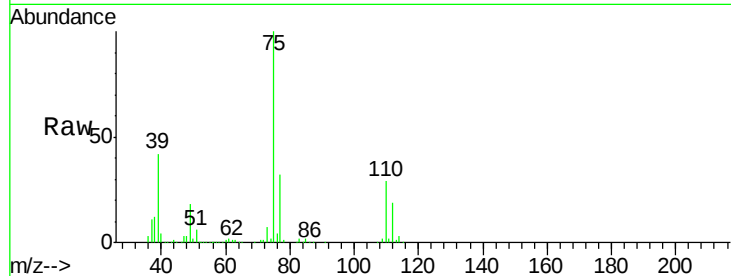
#53
t-1,3-Dichloropropene
Concen: 17.518 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.01 min
Lab File: VX010300.D
Acq: 14 Jun 2019 15:06

Instrument :
MSVOA_X
ClientSampleId :
VX0614WBSD01

Tot Ion: 75 Resp: 82534
Ion Ratio Lower Upper
75 100
77 31.4 24.6 36.8

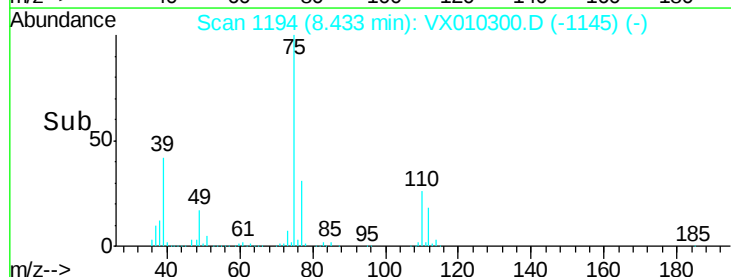
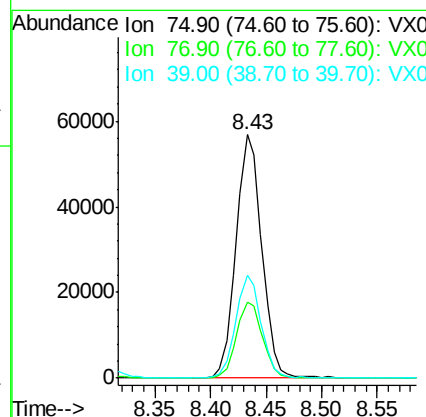
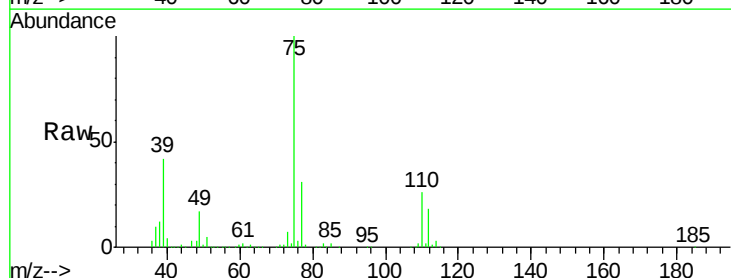
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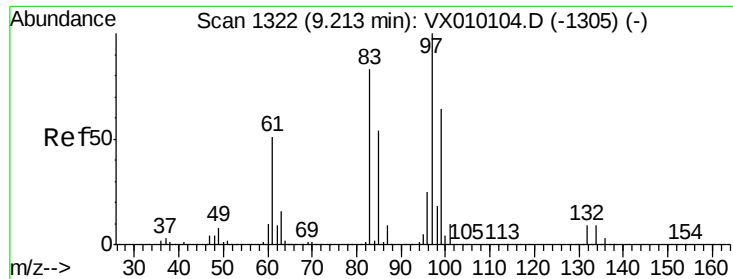
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 17.983 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX010300.D
Acq: 14 Jun 2019 15:06

Tgt Ion: 75 Resp: 90831
Ion Ratio Lower Upper
75 100
77 31.0 24.8 37.2
39 41.8 43.4 65.0#





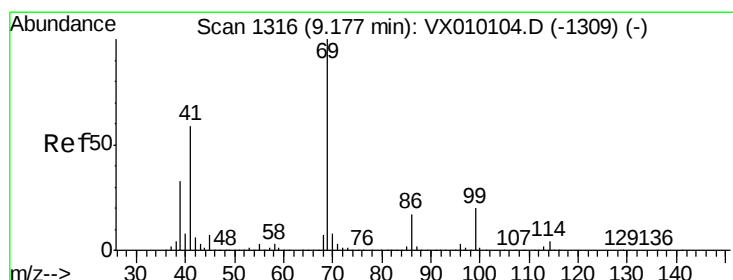
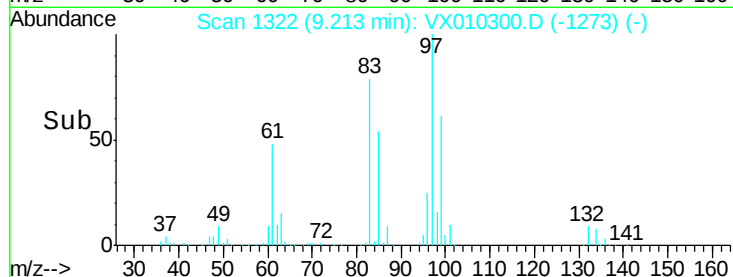
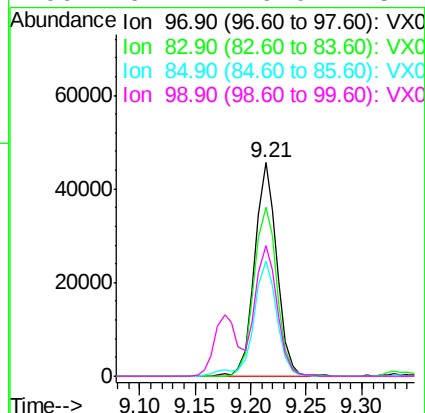
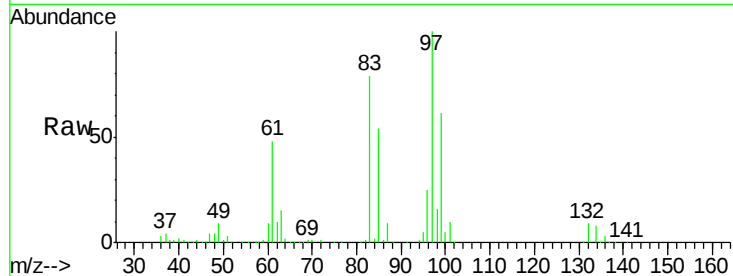
#55
 1,1,2-Trichloroethane
 Concen: 20.321 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX010300.D
 Acq: 14 Jun 2019 15:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0614WBSD01

Tot Ion:	97	Resp:	63596
Ion	Ratio	Lower	Upper
97	100		
83	78.9	69.8	104.8
85	53.8	45.3	67.9
99	61.2	49.0	73.4

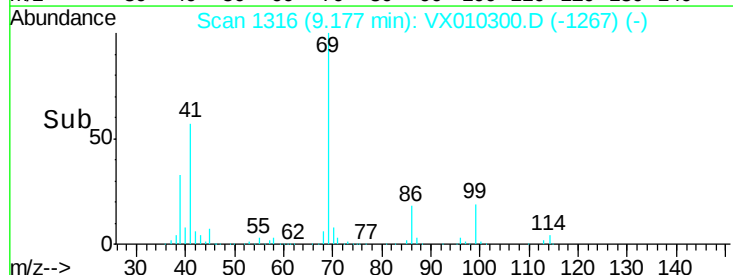
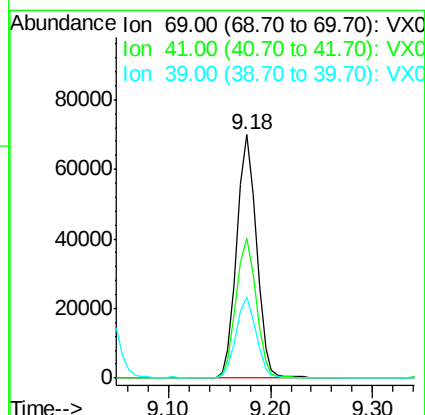
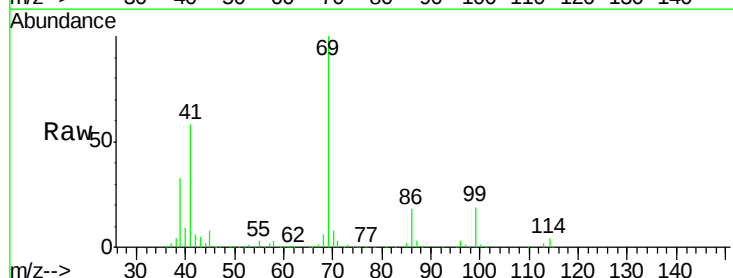
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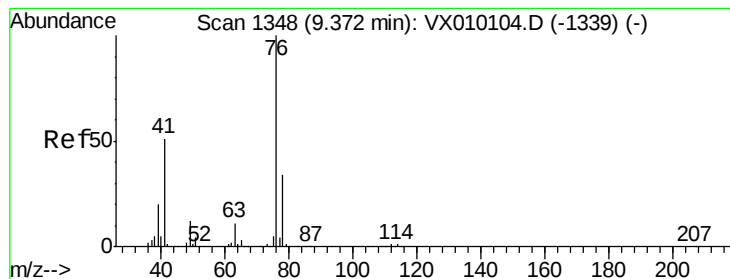
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#56
 Ethyl methacrylate
 Concen: 18.993 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX010300.D
 Acq: 14 Jun 2019 15:06

Tgt Ion:	69	Resp:	93893
Ion	Ratio	Lower	Upper
69	100		
41	58.4	62.7	94.1#
39	33.0	29.5	44.3





#57

1,3-Dichloropropane

Concen: 19.505 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX010300.D

Acq: 14 Jun 2019 15:06

Instrument :

MSVOA_X

ClientSampled :

VX0614WBSD01

Tot Ion: 76 Resp: 96099

Ion Ratio Lower Upper

76 100

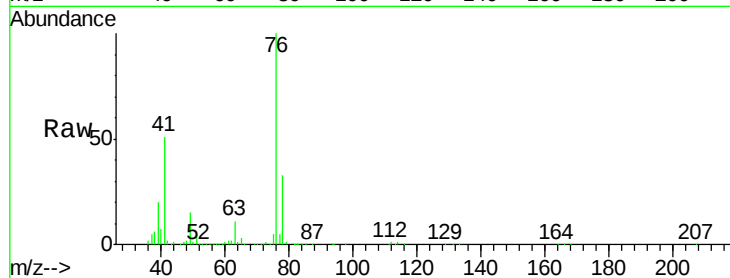
78 33.0 25.4 38.0

Manual Integrations

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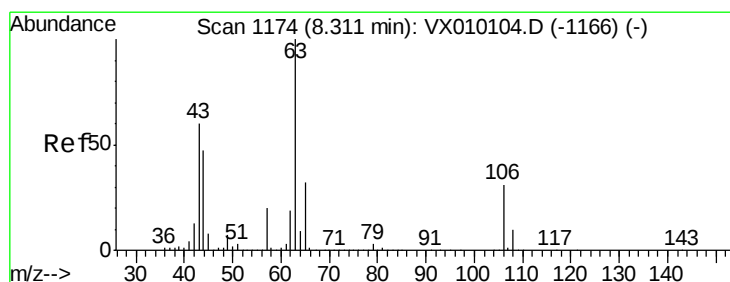
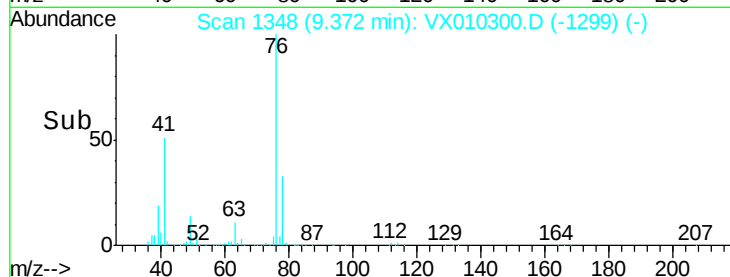
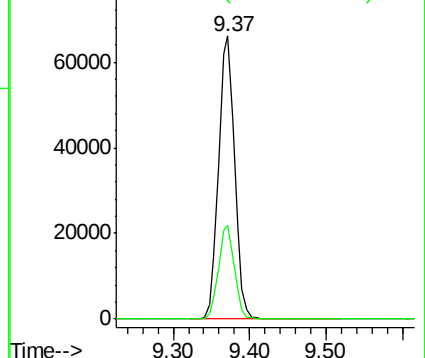
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 79.007 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX010300.D

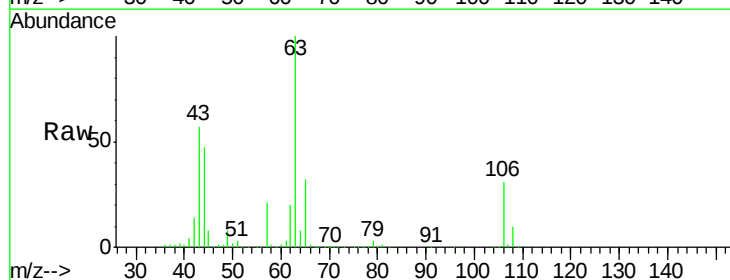
Acq: 14 Jun 2019 15:06

Tgt Ion: 63 Resp: 184128

Ion Ratio Lower Upper

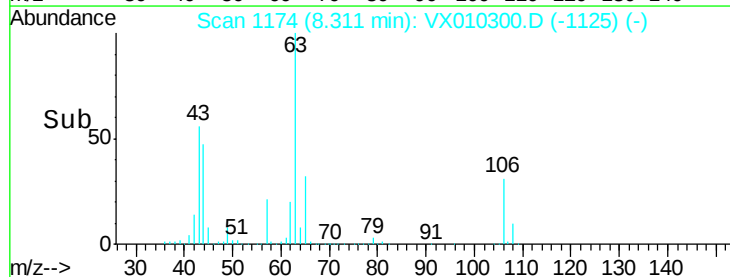
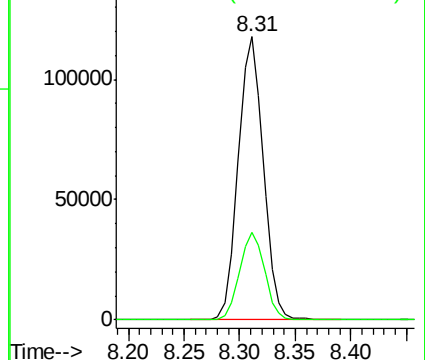
63 100

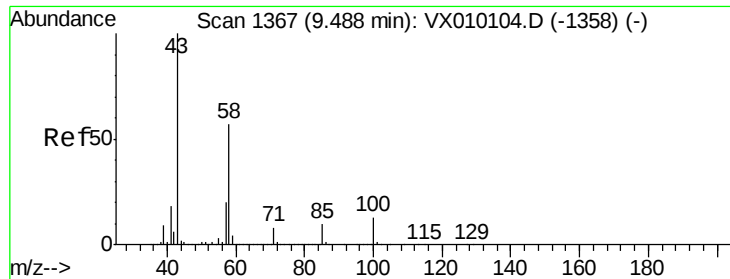
106 31.0 19.4 29.2#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





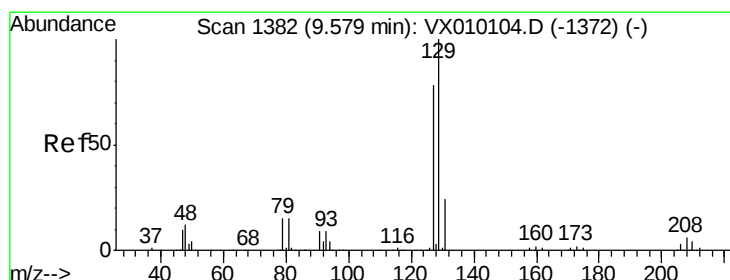
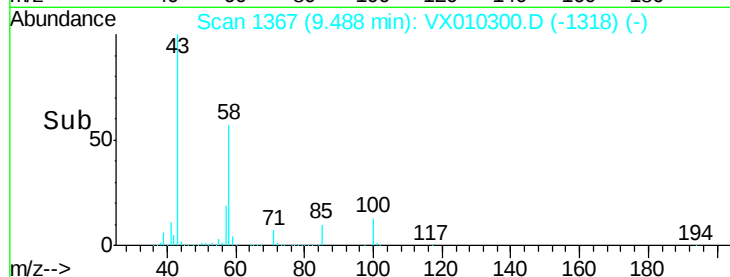
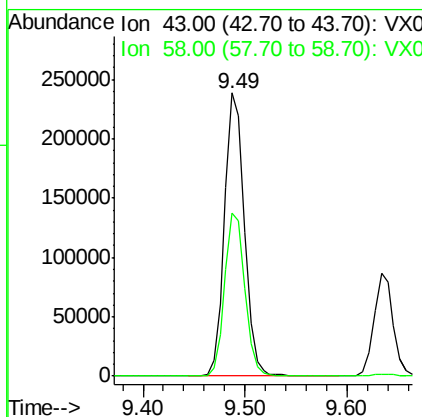
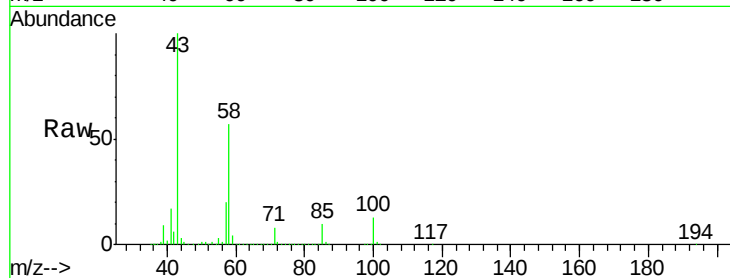
#59
2-Hexanone
Concen: 103.674 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX010300.D
Acq: 14 Jun 2019 15:06

Instrument :
MSVOA_X
ClientSampleId :
VX0614WBSD01

Tot Ion: 43 Resp: 322959
Ion Ratio Lower Upper
43 100
58 58.6 25.1 75.3

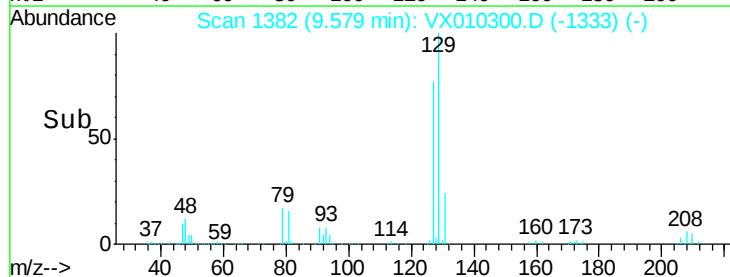
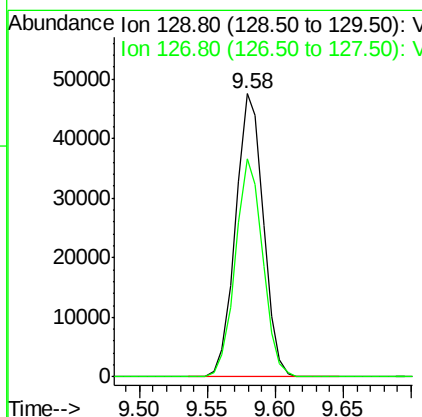
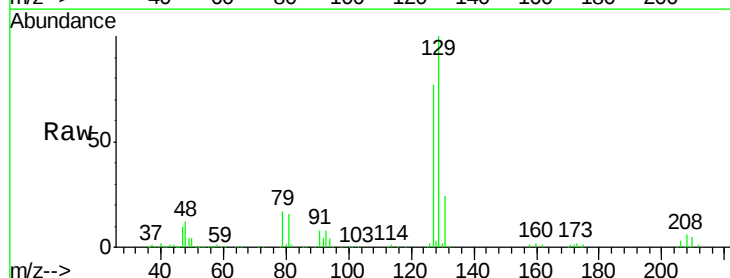
Manual Integrations
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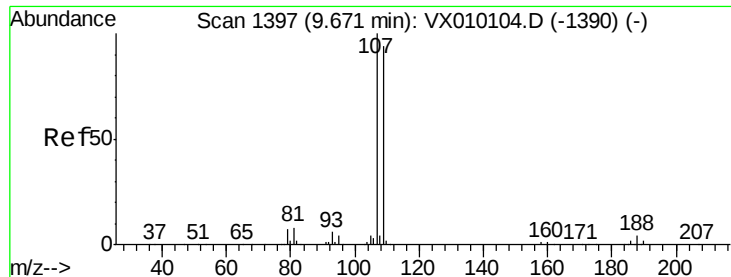
MMDadoda
6/17/2019 10:36:11 AM



#60
Dibromochloromethane
Concen: 18.273 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX010300.D
Acq: 14 Jun 2019 15:06

Tgt Ion: 129 Resp: 67640
Ion Ratio Lower Upper
129 100
127 76.0 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.100 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX010300.D

Acq: 14 Jun 2019 15:06

Instrument :

MSVOA_X

ClientSampleId :

VX0614WBSD01

Tot Ion: 107 Resp: 66573

Ion Ratio Lower Upper

107 100

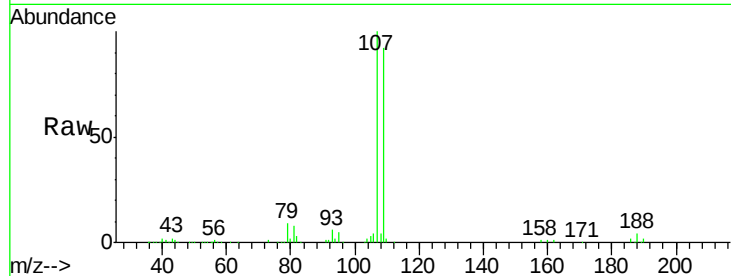
109 94.6 75.4 113.2

Manual Integrations

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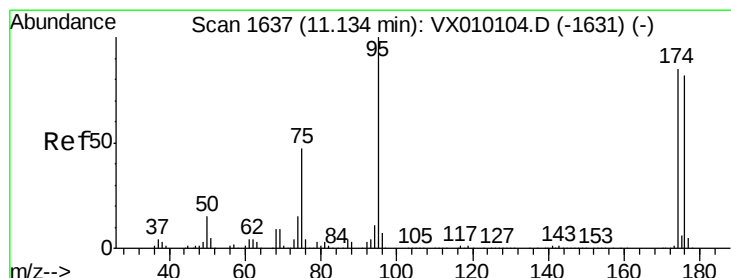
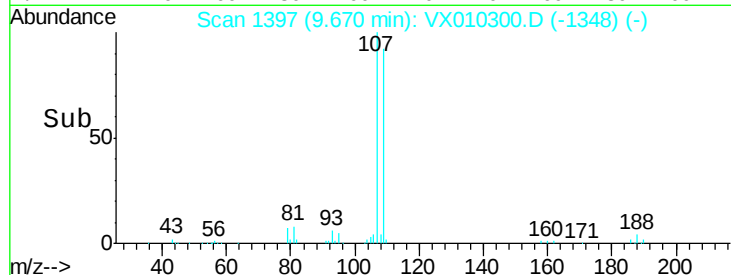
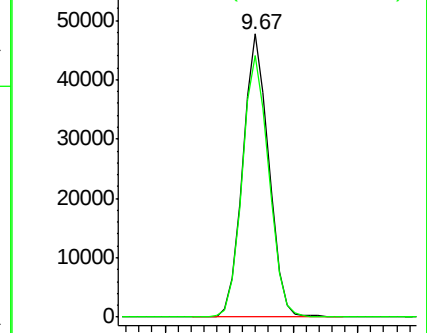
MMDadoda

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 45.131 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010300.D

Acq: 14 Jun 2019 15:06

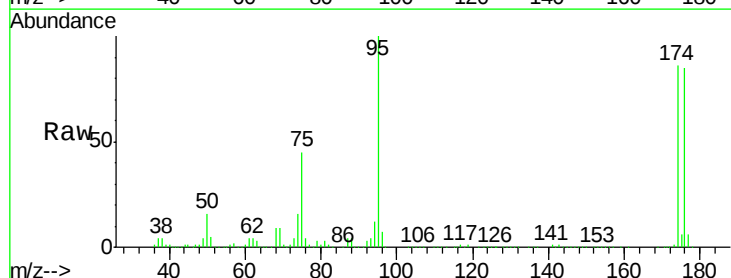
Tgt Ion: 95 Resp: 179545

Ion Ratio Lower Upper

95 100

174 91.6 0.0 160.4

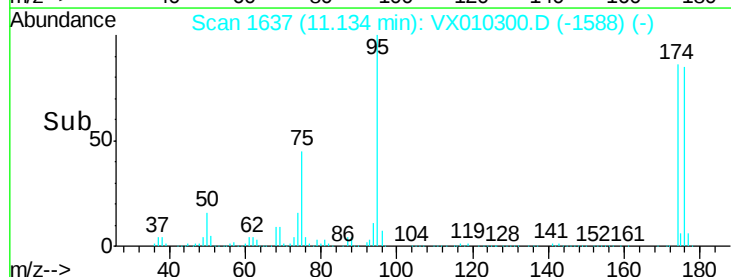
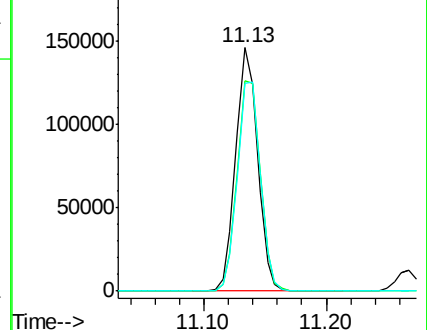
176 90.4 0.0 154.6

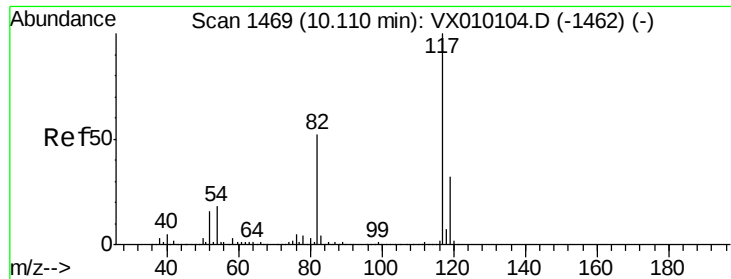


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





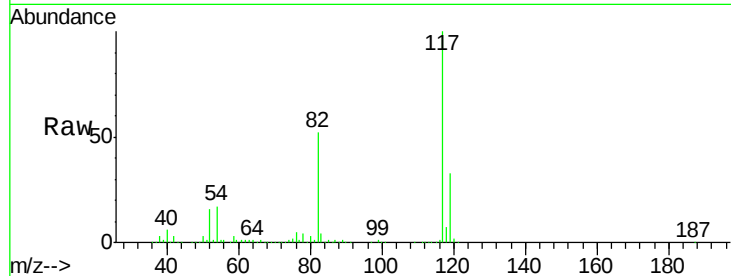
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010300.D
Acq: 14 Jun 2019 15:06

Instrument :
MSVOA_X
ClientSampleId :
VX0614WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.0	49.2	73.8
119	33.0	25.2	37.8

Manual Integrations
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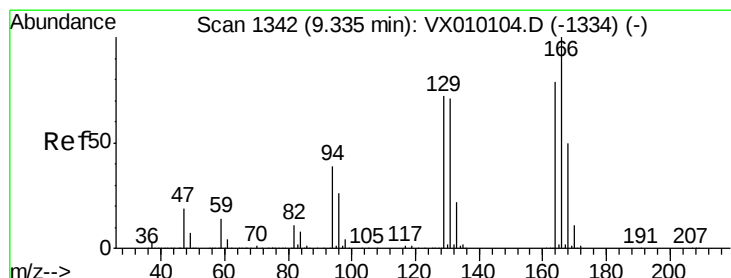
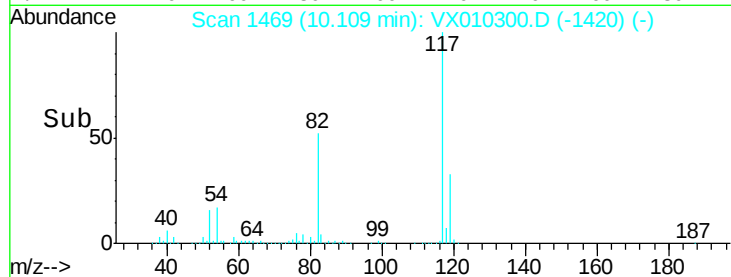
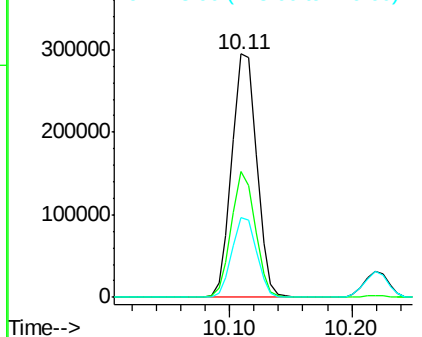


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 20.905 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010300.D
Acq: 14 Jun 2019 15:06

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.6	105.0	157.4
129	92.6	75.1	112.7
131	88.6	72.2	108.4

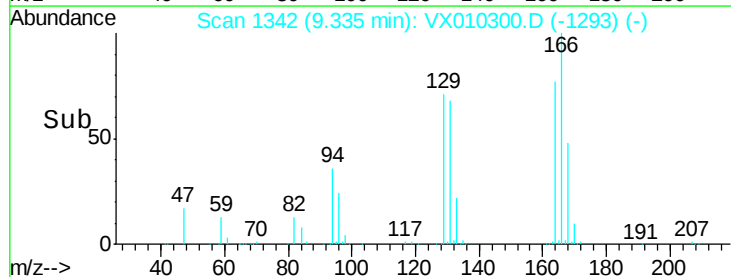
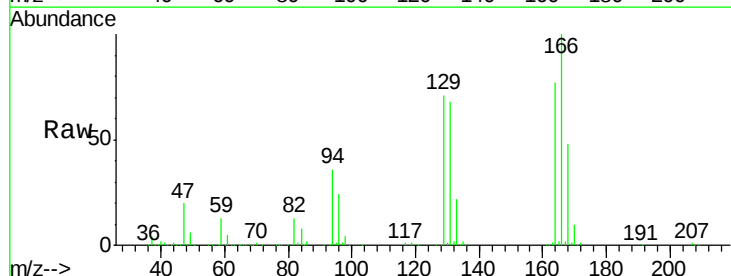
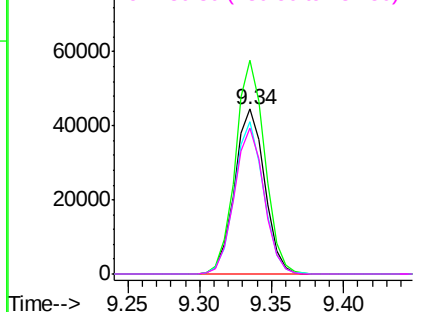
Abundance

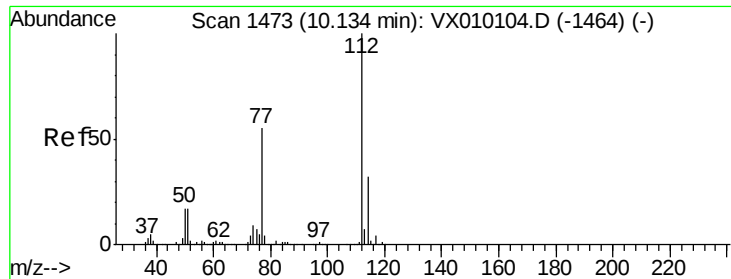
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 19.364 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.01 min

Lab File: VX010300.D

Acq: 14 Jun 2019 15:06

Instrument :

MSVOA_X

ClientSampled :

VX0614WBSD01

Tot Ion:112 Resp: 166218

Ion Ratio Lower Upper

112 100

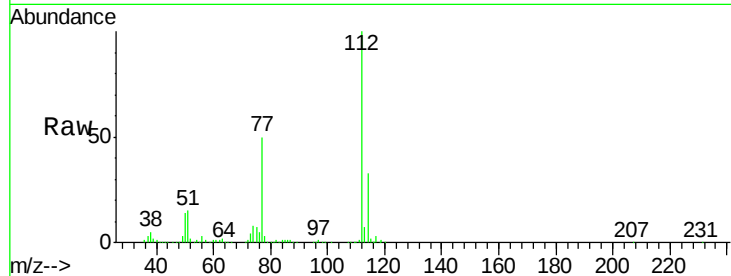
114 32.8 25.8 38.8

Manual Integrations

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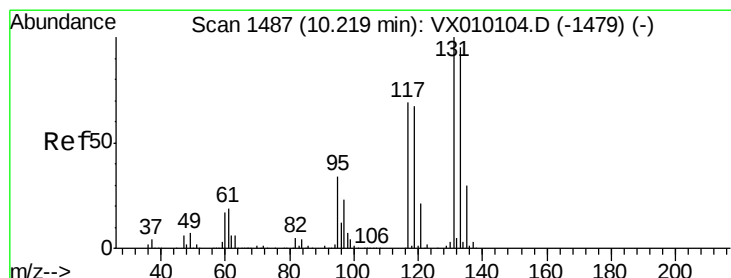
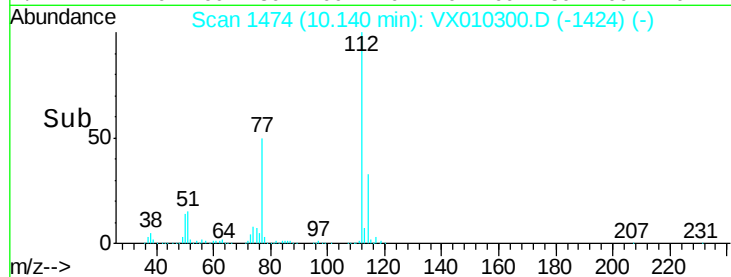
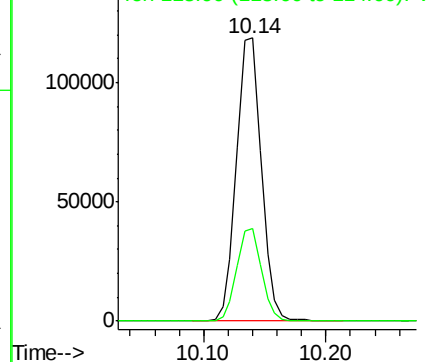
MMDadoda

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 18.812 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX010300.D

Acq: 14 Jun 2019 15:06

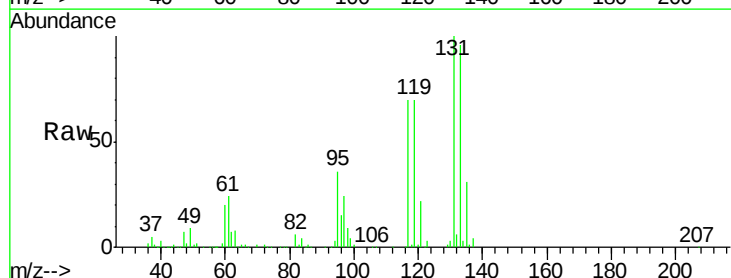
Tgt Ion:131 Resp: 62099

Ion Ratio Lower Upper

131 100

133 96.5 47.5 142.6

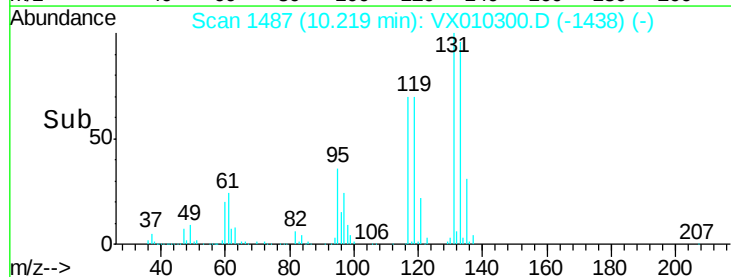
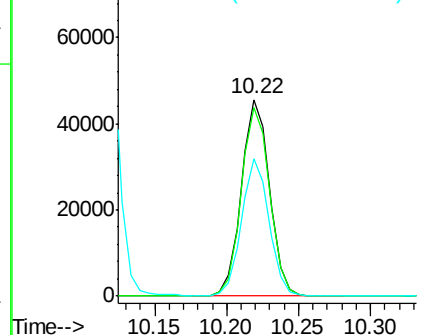
119 67.7 33.4 100.1

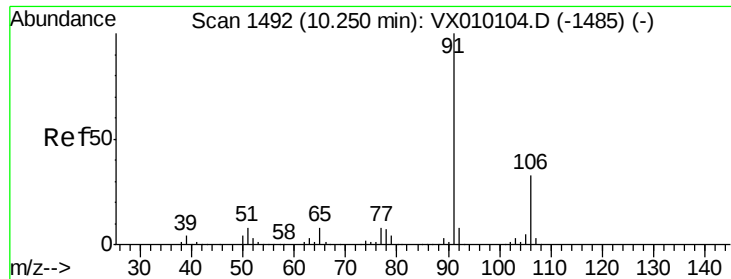


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 19.301 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX010300.D

Acq: 14 Jun 2019 15:06

Instrument :

MSVOA_X

ClientSampleId :

VX0614WBSD01

Tot Ion: 91 Resp: 282041

Ion Ratio Lower Upper

91 100

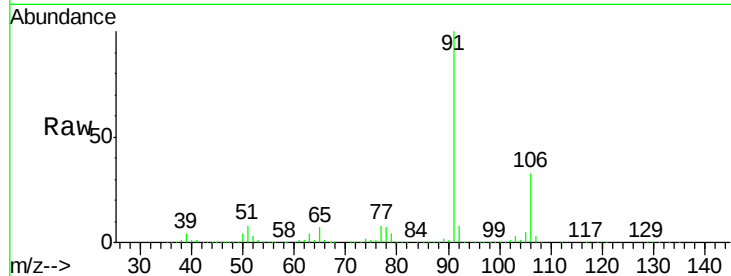
106 33.2 23.9 35.9

Manual Integrations

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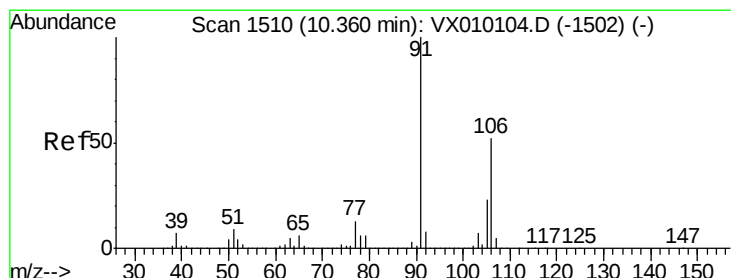
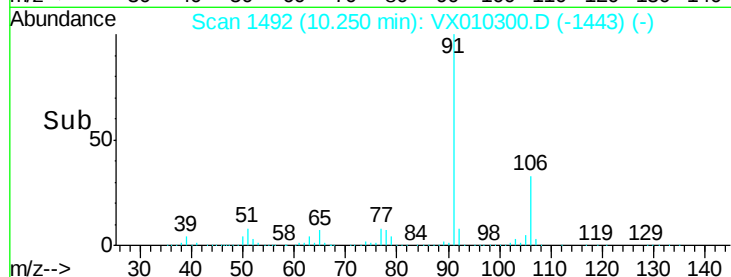
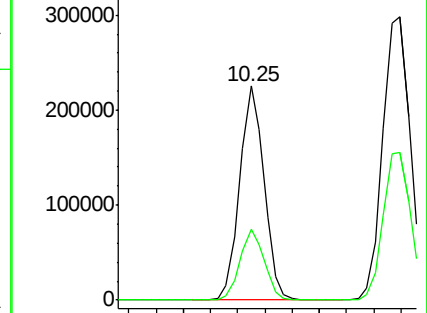
MMDadoda

6/17/2019 10:36:11 AM



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 38.884 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX010300.D

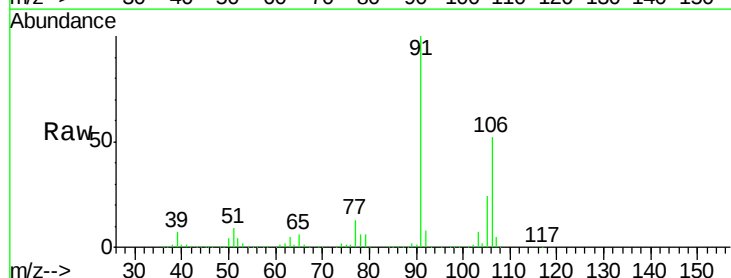
Acq: 14 Jun 2019 15:06

Tgt Ion: 106 Resp: 219875

Ion Ratio Lower Upper

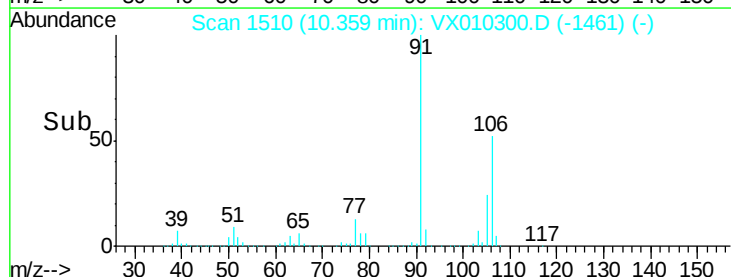
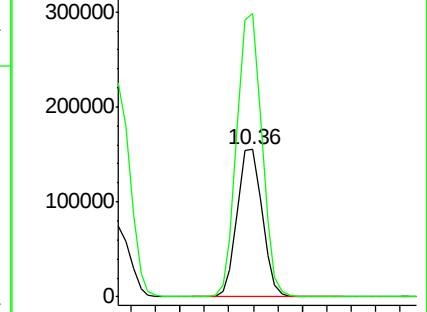
106 100

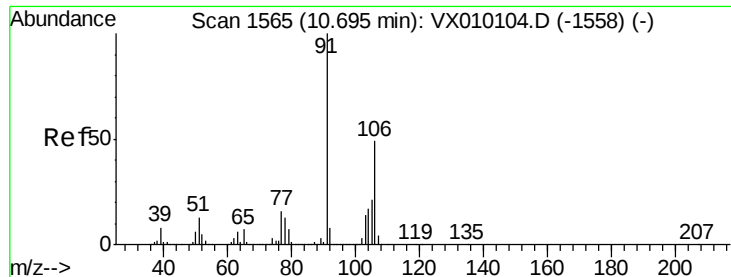
91 191.8 167.3 250.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





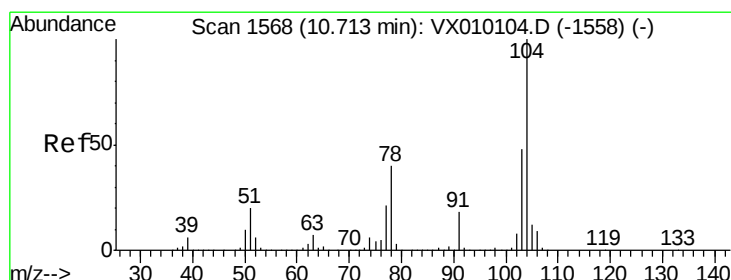
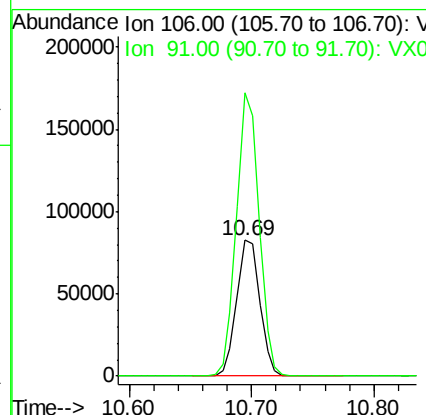
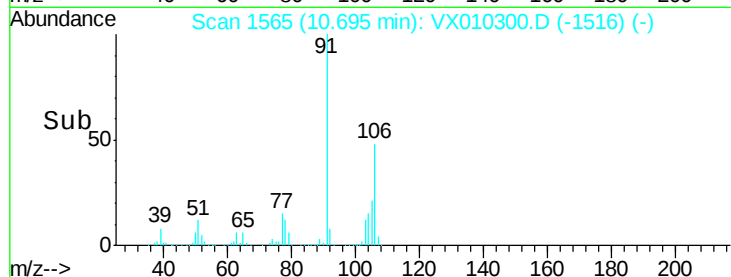
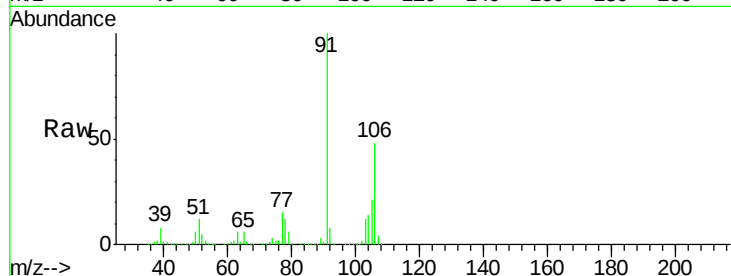
#69
o-Xylene
Concen: 19.323 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010300.D
Acq: 14 Jun 2019 15:06

Instrument :
MSVOA_X
ClientSampleId :
VX0614WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	108615		
91	91	202.4	110.4	331.2	

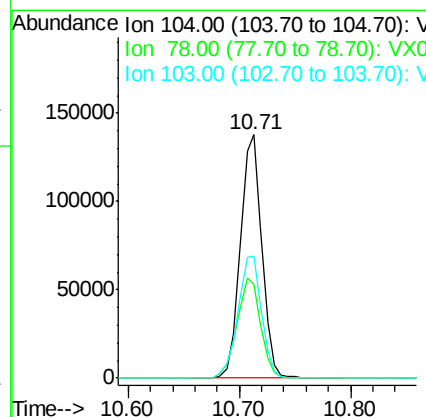
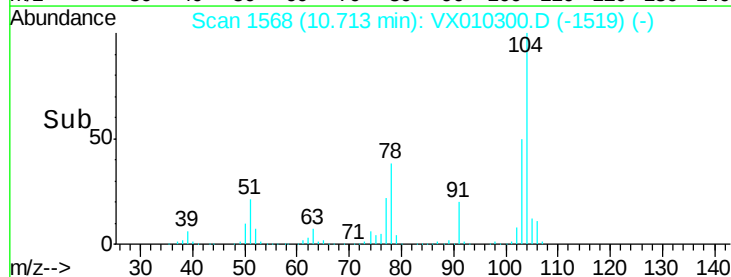
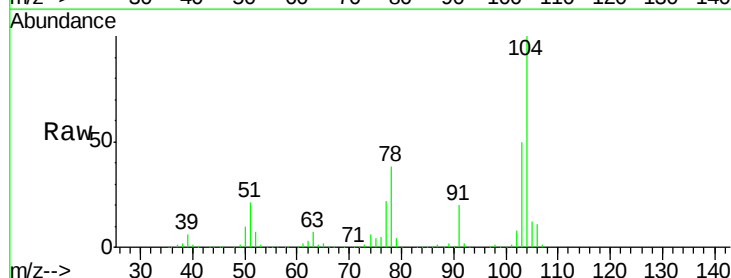
Manual Integrations
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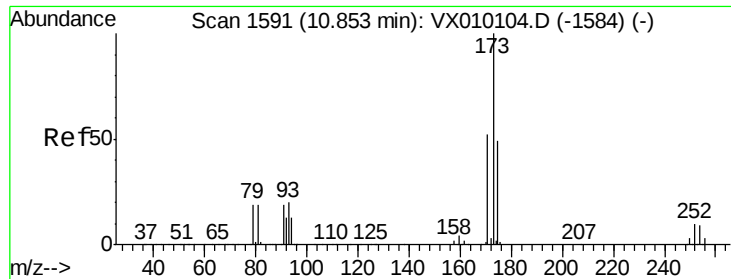
MMDadoda
6/17/2019 10:36:11 AM



#70
Styrene
Concen: 19.270 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX010300.D
Acq: 14 Jun 2019 15:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	183448		
78	78	45.6	42.1	63.1	
103	103	55.2	44.1	66.1	





#71

Bromoform

Concen: 17.819 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX010300.D

Acq: 14 Jun 2019 15:06

Instrument :

MSVOA_X

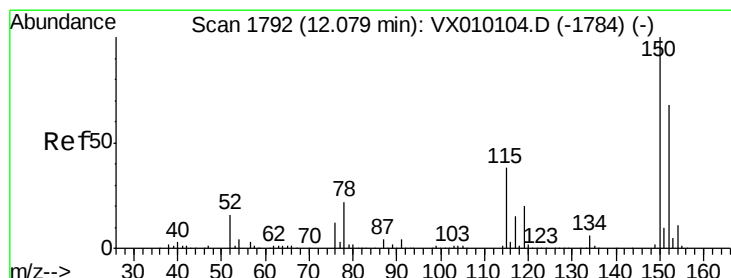
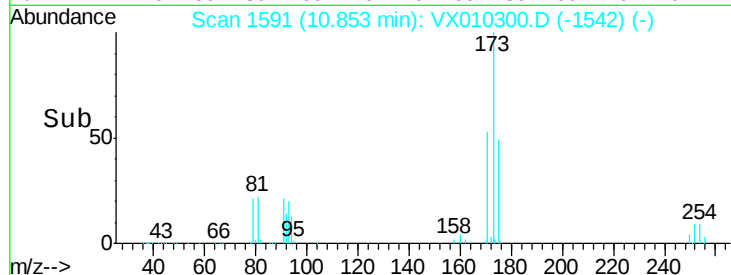
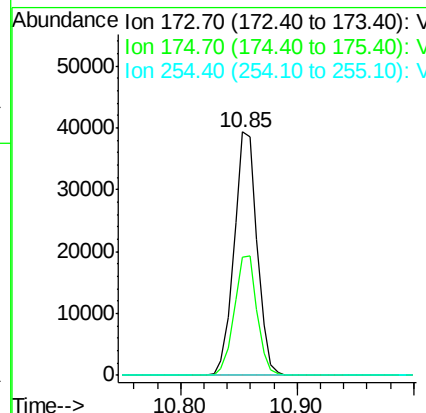
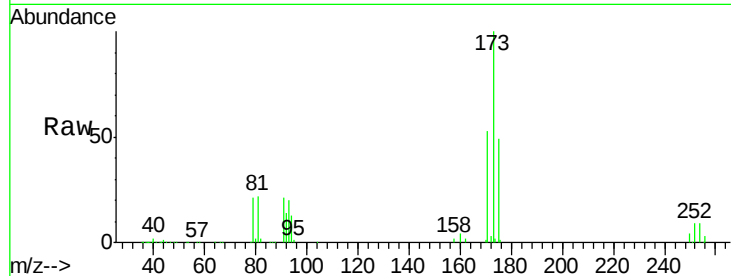
ClientSampleId :

VX0614WBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.6	25.0	75.0
254	0.1	0.2	0.2

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

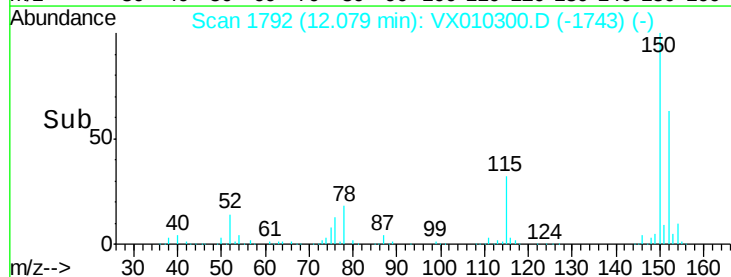
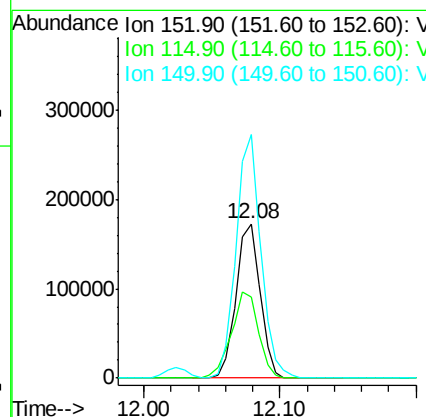
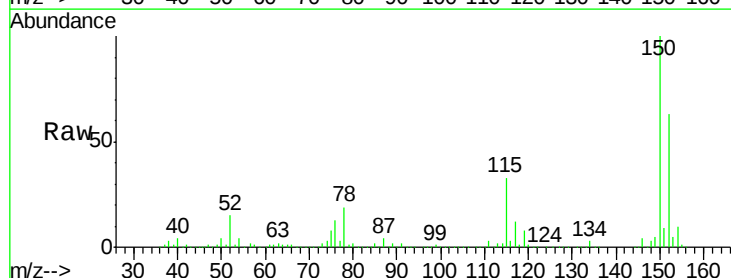
RT: 12.08 min Scan# 1792

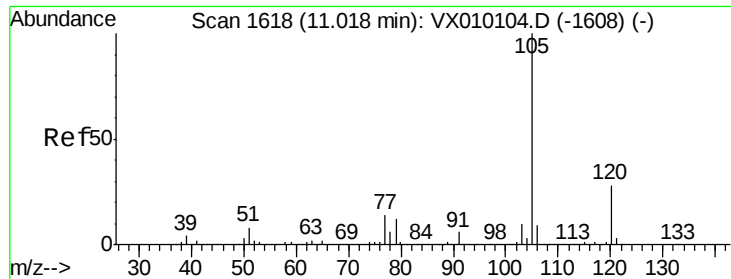
Delta R.T. -0.00 min

Lab File: VX010300.D

Acq: 14 Jun 2019 15:06

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.5	41.4	124.2
150	161.9	0.0	345.2





#73

Isopropylbenzene

Concen: 19.171 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX010300.D

Acq: 14 Jun 2019 15:06

Instrument :

MSVOA_X

ClientSampleId :

VX0614WBSD01

Tot Ion: 105 Resp: 285145

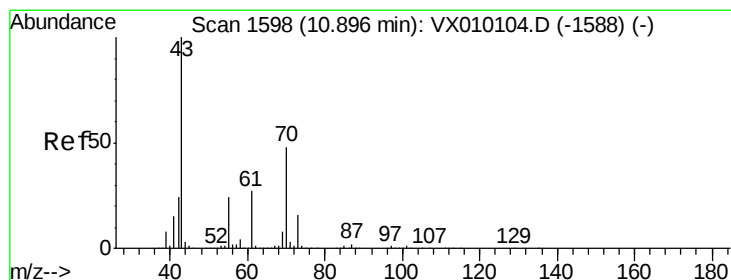
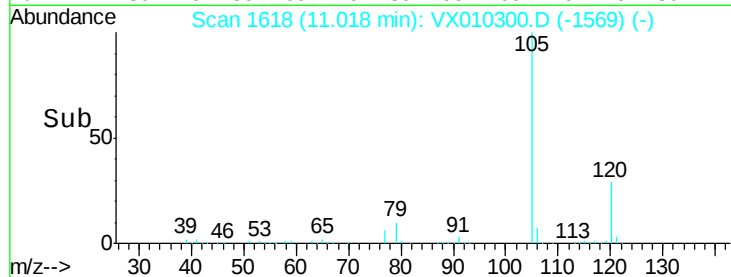
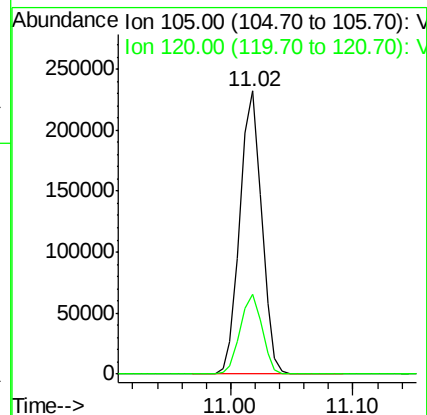
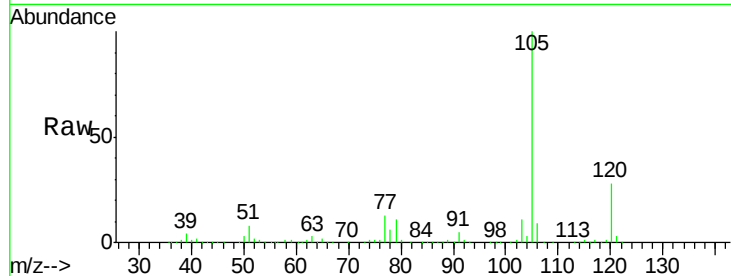
Ion Ratio Lower Upper

105 100

120 28.4 12.8 38.4

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#74

N-ethyl acetate

Concen: 19.126 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX010300.D

Acq: 14 Jun 2019 15:06

Tgt Ion: 43 Resp: 112454

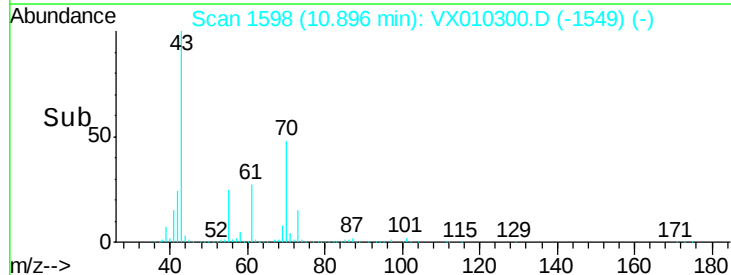
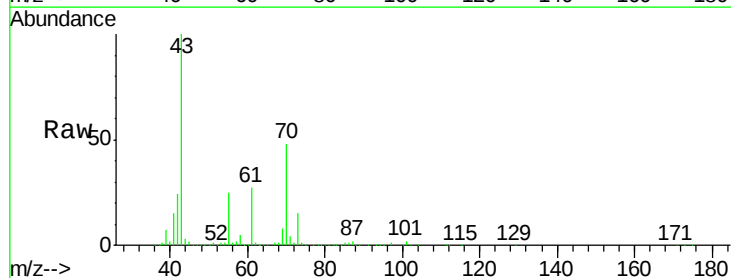
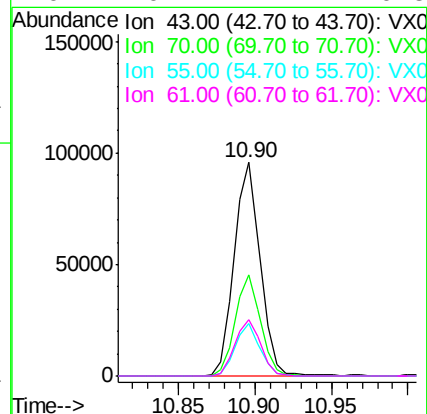
Ion Ratio Lower Upper

43 100

70 46.5 28.6 43.0#

55 24.1 17.8 26.8

61 26.4 17.7 26.5





#75

1,1,2,2-Tetrachloroethane

Concen: 19.402 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX010300.D

Acq: 14 Jun 2019 15:06

Instrument :

MSVOA_X

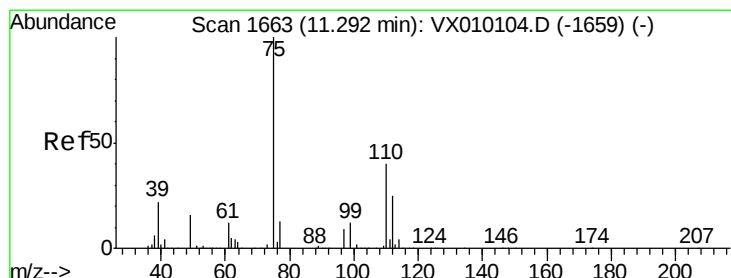
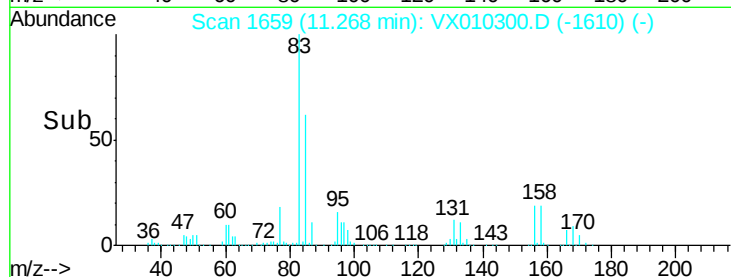
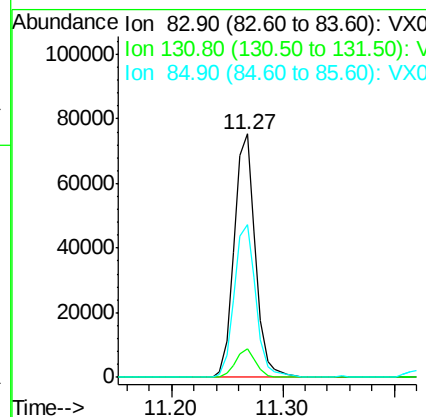
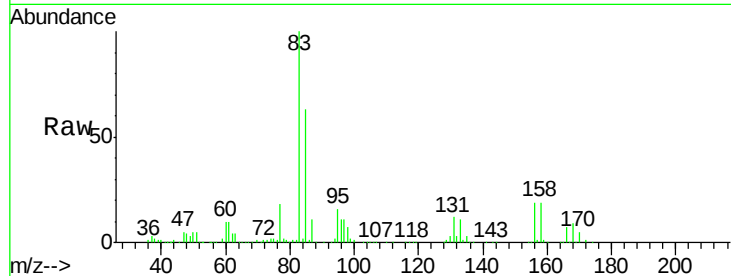
ClientSampleId :

VX0614WBSD01

Tot Ion:	83	Resp:	98785
Ion Ratio	Lower	Upper	
83	100		
131	11.1	4.7	14.1
85	64.3	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 18.774 ug/l m

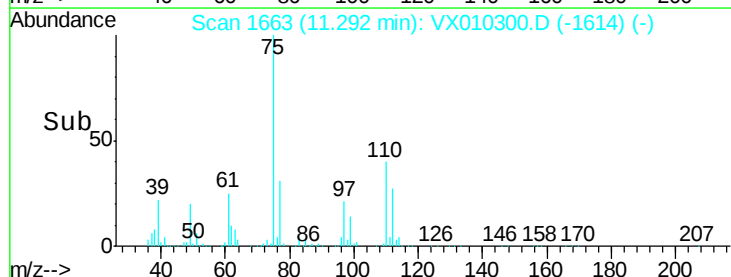
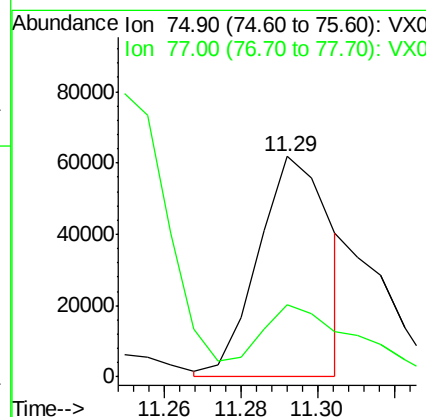
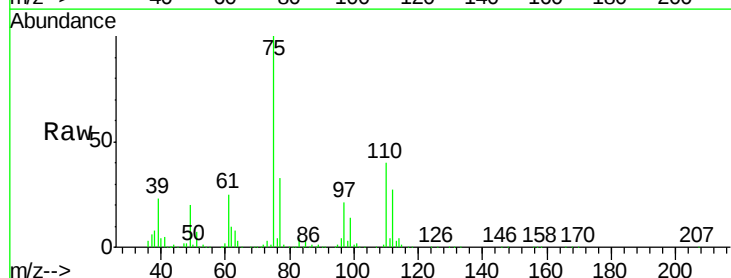
RT: 11.29 min Scan# 1663

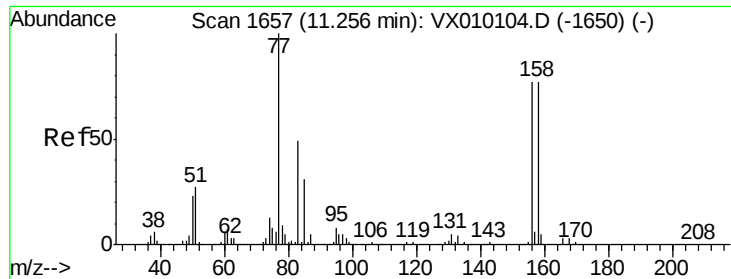
Delta R.T. -0.00 min

Lab File: VX010300.D

Acq: 14 Jun 2019 15:06

Tgt Ion:	75	Resp:	80011
Ion Ratio	Lower	Upper	
75	100		
77	44.7	22.1	66.1





#77

Bromobenzene

Concen: 19.120 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX010300.D

Acq: 14 Jun 2019 15:06

Instrument :

MSVOA_X

ClientSampleId :

VX0614WBSD01

Tot Ion:156 Resp: 78203

Ion Ratio Lower Upper

156 100

77 130.9 86.8 260.3

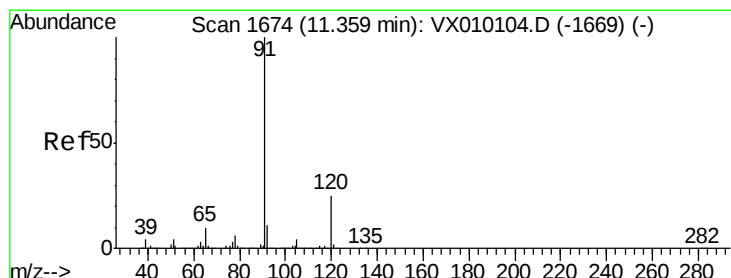
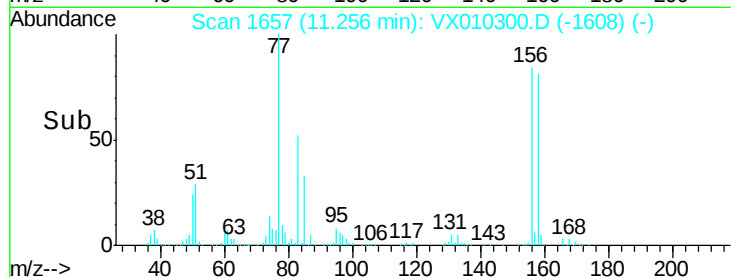
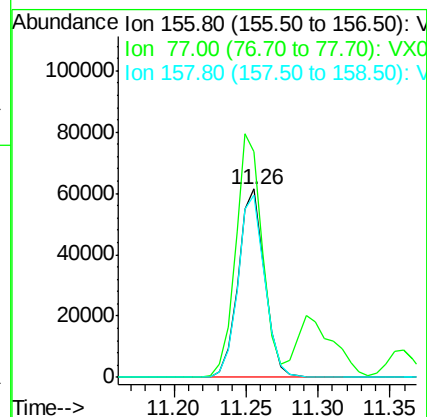
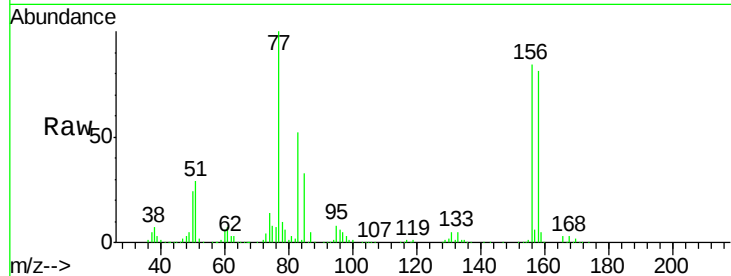
158 98.4 49.6 148.8

Manual Integrations

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#78

n-propylbenzene

Concen: 18.943 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010300.D

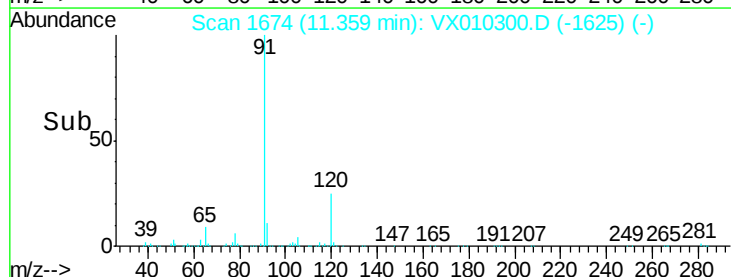
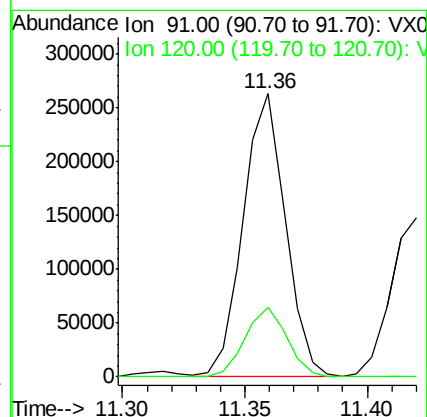
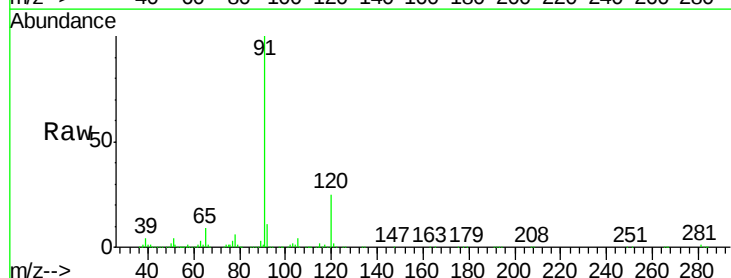
Acq: 14 Jun 2019 15:06

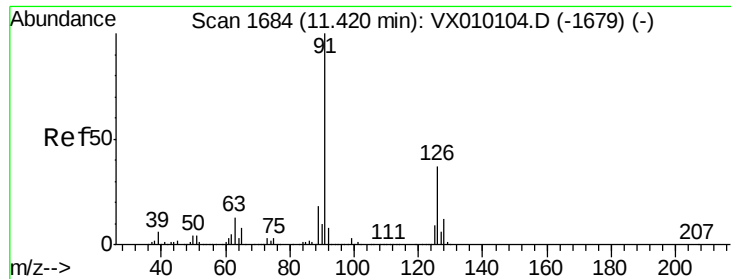
Tgt Ion: 91 Resp: 313670

Ion Ratio Lower Upper

91 100

120 24.8 11.1 33.3





#79

2-Chlorotoluene

Concen: 18.622 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX010300.D

Acq: 14 Jun 2019 15:06

Instrument :

MSVOA_X

ClientSampleId :

VX0614WBSD01

Tot Ion: 91 Resp: 185193

Ion Ratio Lower Upper

91 100

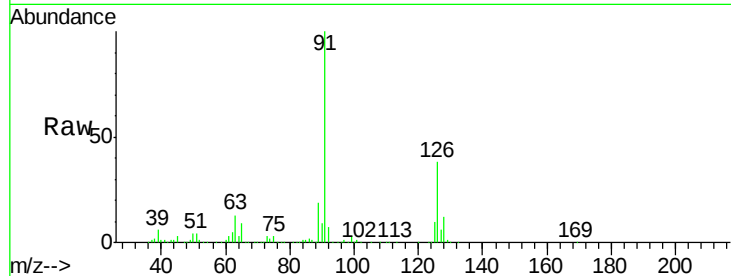
126 37.7 16.1 48.3

Manual Integrations

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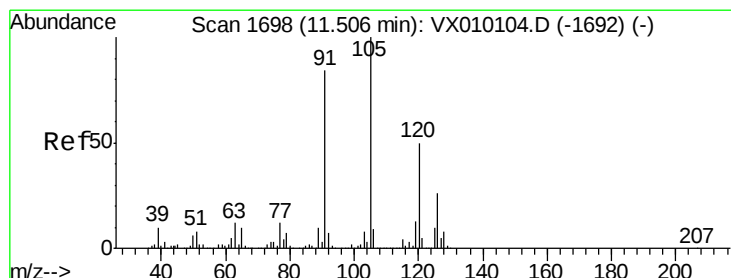
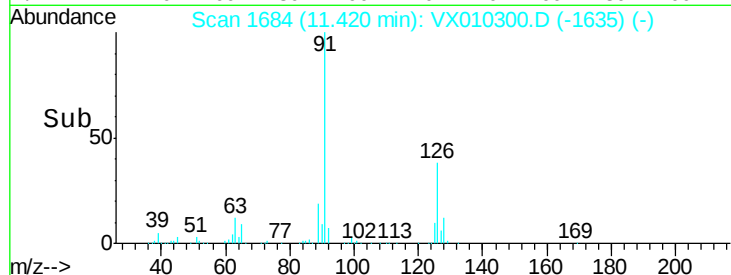
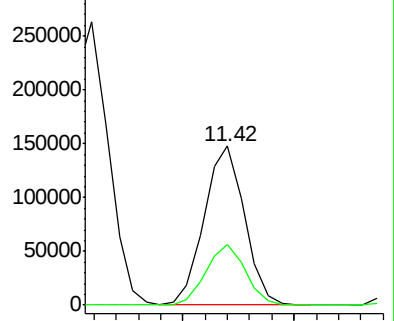
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Abundance Ion 91.00 (90.70 to 91.70): V

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 18.979 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010300.D

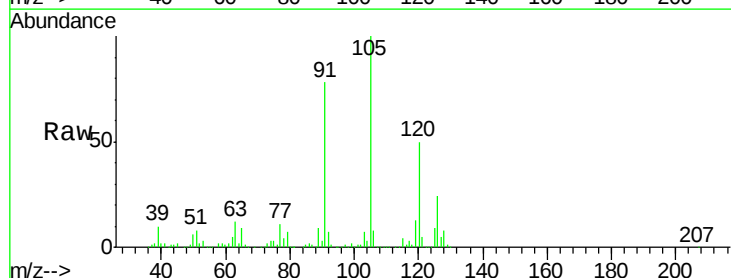
Acq: 14 Jun 2019 15:06

Tgt Ion: 105 Resp: 237765

Ion Ratio Lower Upper

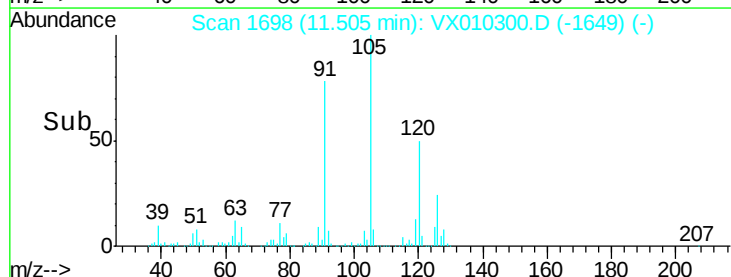
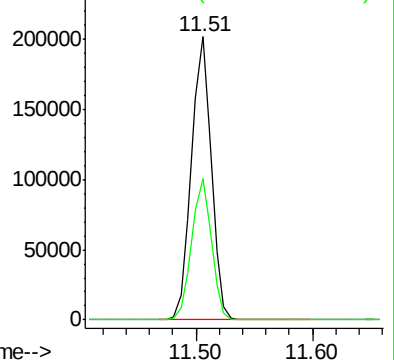
105 100

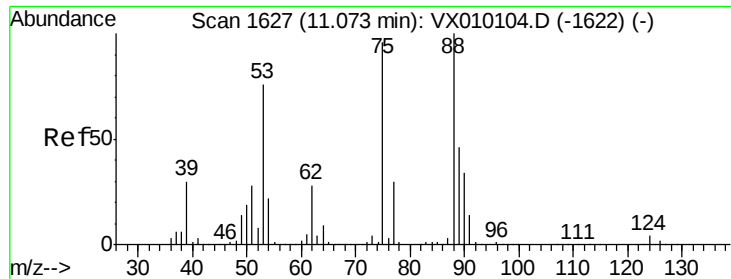
120 49.7 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





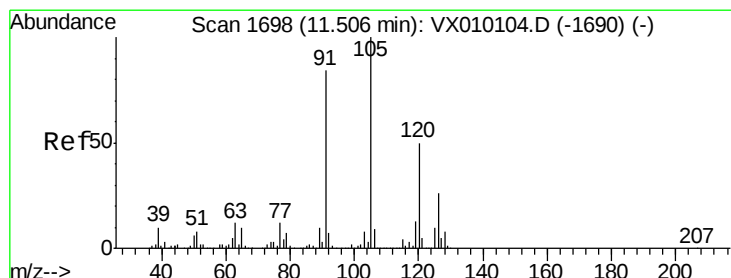
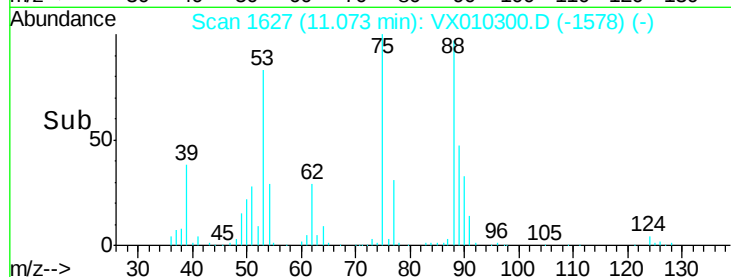
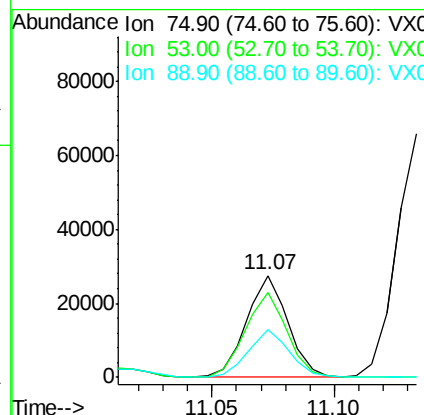
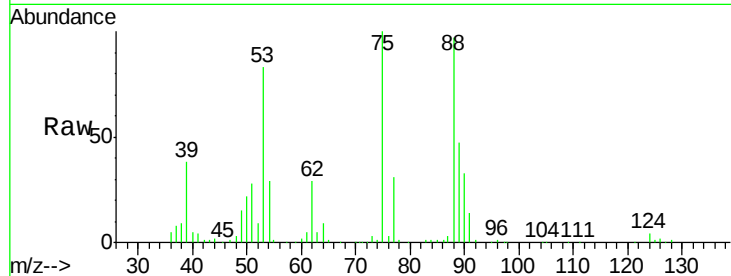
#81
trans-1,4-Dichloro-2-butene
Concen: 16.456 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX010300.D
Acq: 14 Jun 2019 15:06

Instrument :
MSVOA_X
ClientSampled :
VX0614WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	85.0	79.8	119.6
89	46.6	34.2	51.4

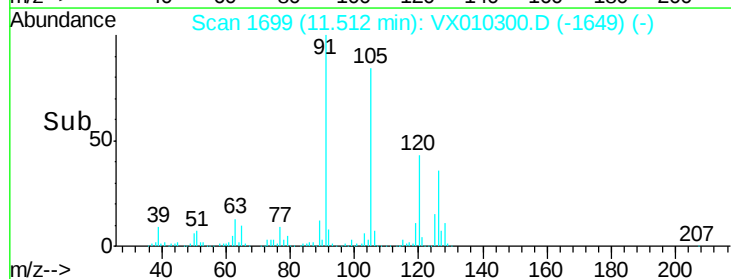
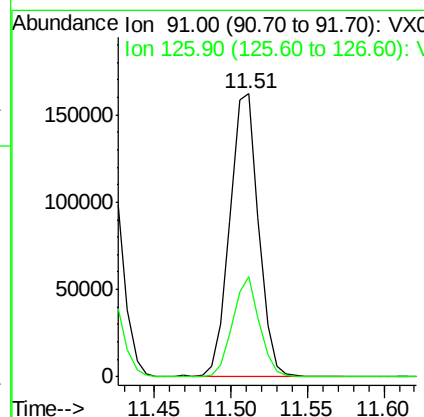
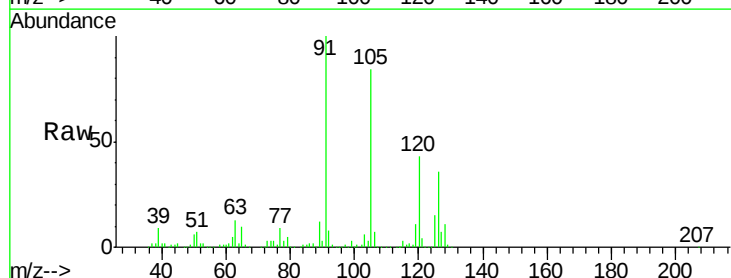
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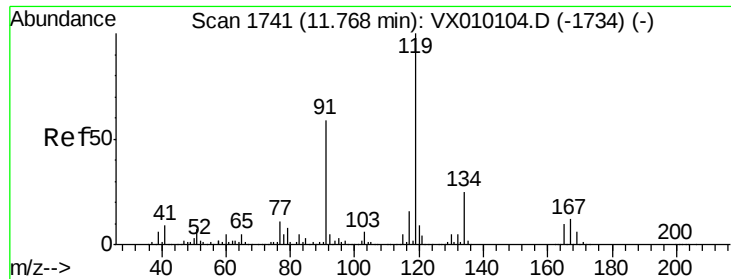
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#82
4-Chlorotoluene
Concen: 18.600 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.01 min
Lab File: VX010300.D
Acq: 14 Jun 2019 15:06

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.2	14.2	42.6





#83

tert-Butylbenzene

Concen: 18.856 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX010300.D

Acq: 14 Jun 2019 15:06

Instrument :

MSVOA_X

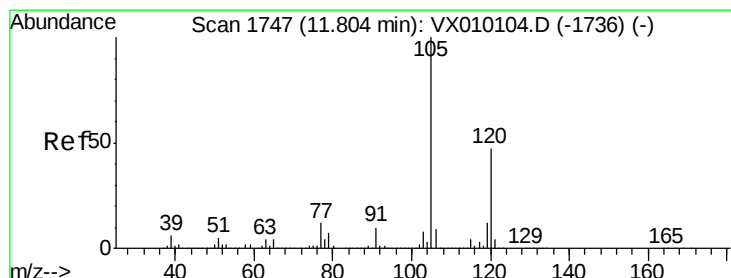
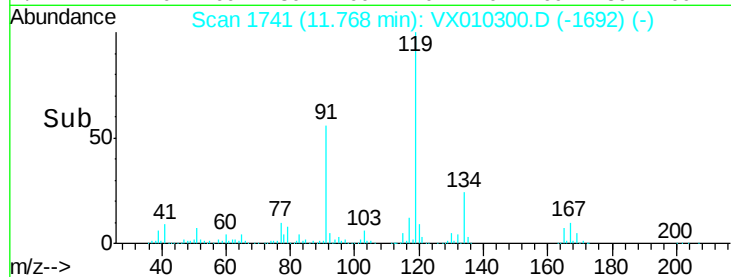
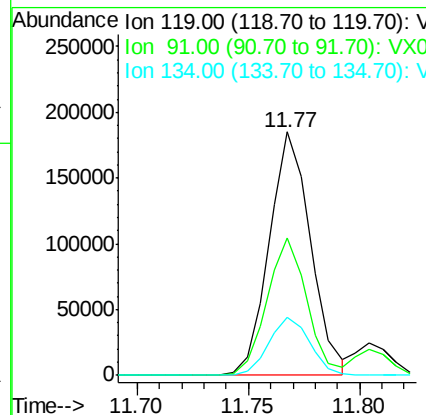
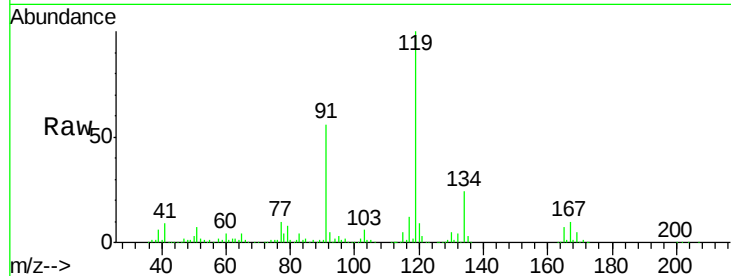
ClientSampleId :

VX0614WBSD01

Tot Ion:	119	Resp:	239088
Ion Ratio	Lower	Upper	
119	100		
91	54.4	30.0	90.0
134	23.7	11.2	33.5

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#84

1,2,4-Trimethylbenzene

Concen: 18.968 ug/l

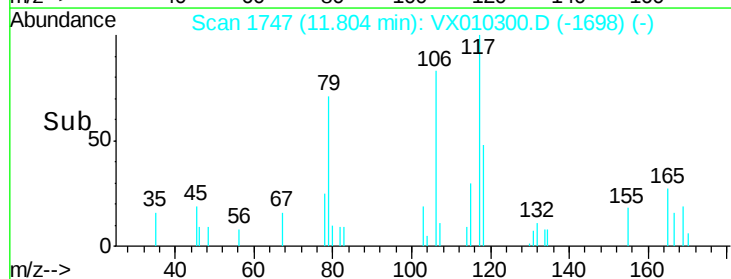
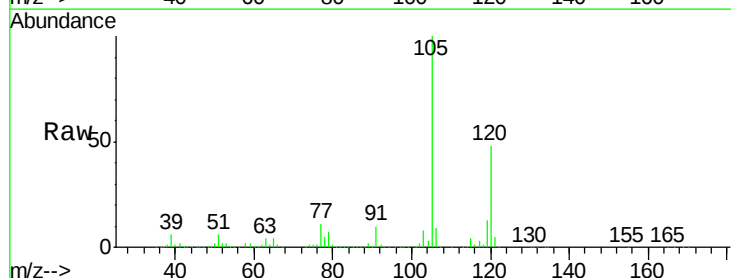
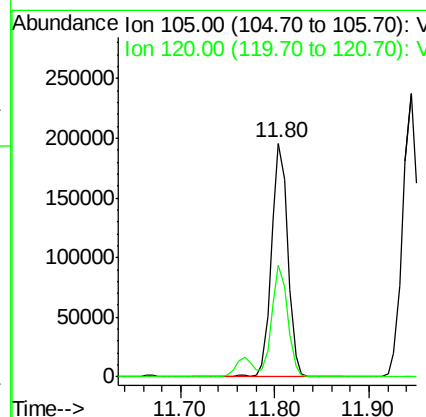
RT: 11.80 min Scan# 1747

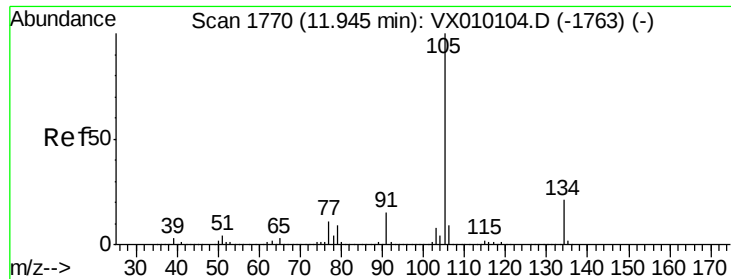
Delta R.T. -0.00 min

Lab File: VX010300.D

Acq: 14 Jun 2019 15:06

Tgt Ion:	105	Resp:	240016
Ion Ratio	Lower	Upper	
105	100		
120	45.8	22.1	66.1





#85

sec-Butylbenzene

Concen: 18.839 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX010300.D

Acq: 14 Jun 2019 15:06

Instrument :

MSVOA_X

ClientSampleID :

VX0614WBSD01

Tot Ion:105 Resp: 278298

Ion Ratio Lower Upper

105 100

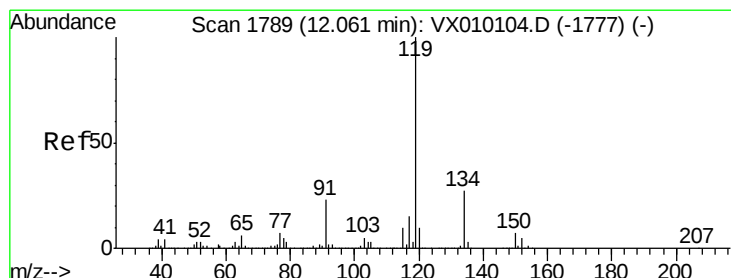
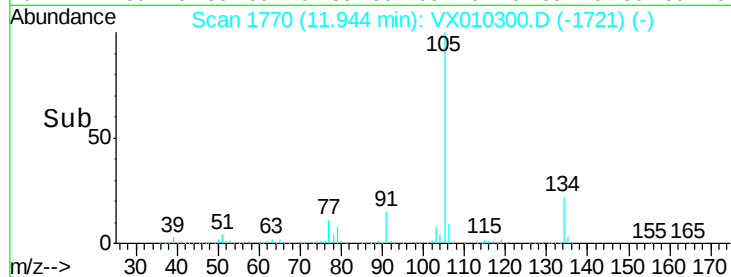
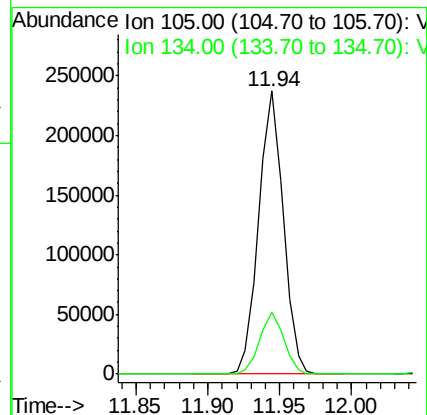
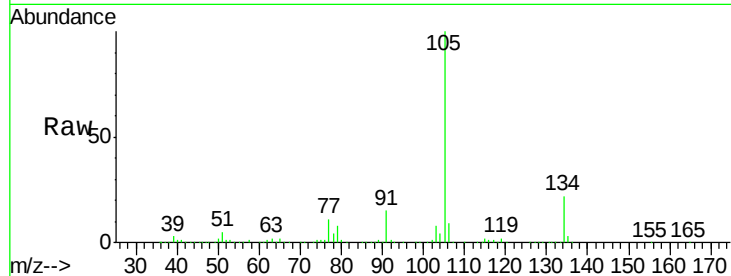
134 21.6 9.7 28.9

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#86

p-Isopropyltoluene

Concen: 18.911 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX010300.D

Acq: 14 Jun 2019 15:06

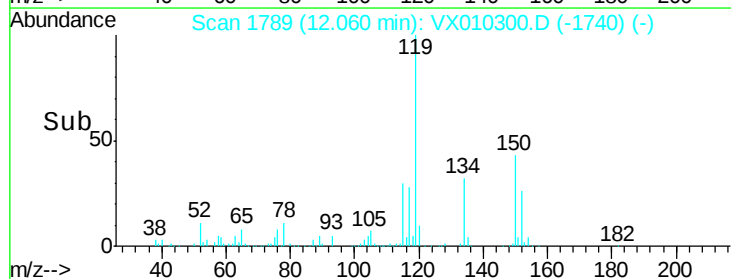
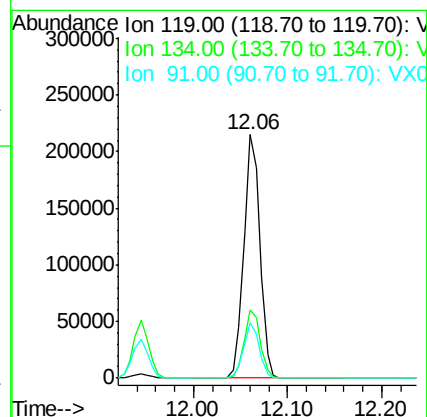
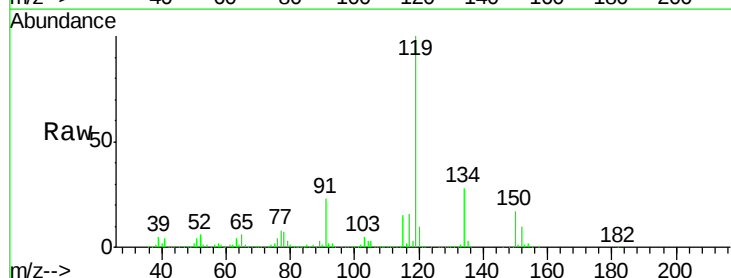
Tgt Ion:119 Resp: 255384

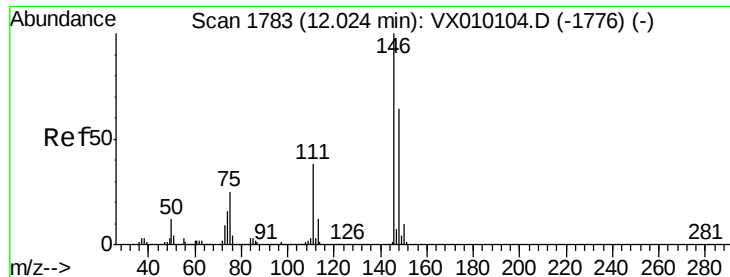
Ion Ratio Lower Upper

119 100

134 28.0 12.9 38.6

91 22.3 11.9 35.9





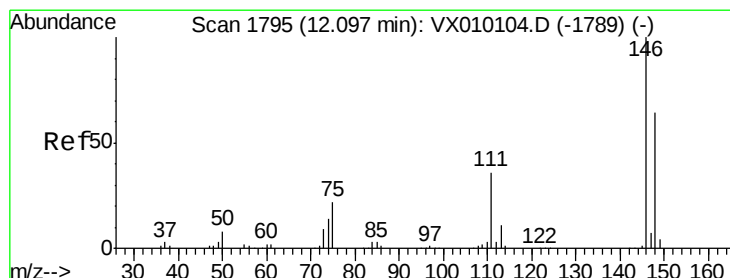
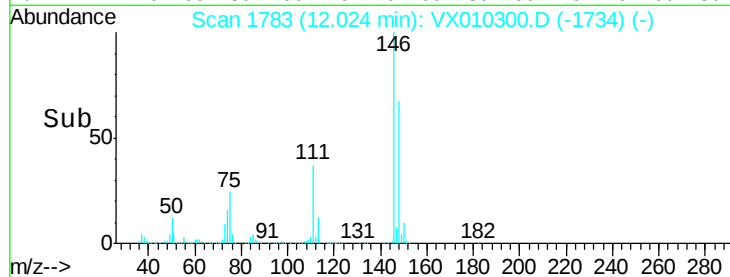
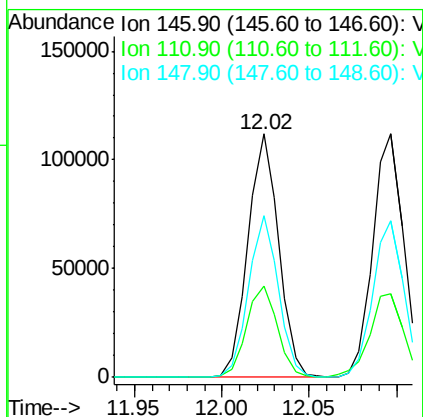
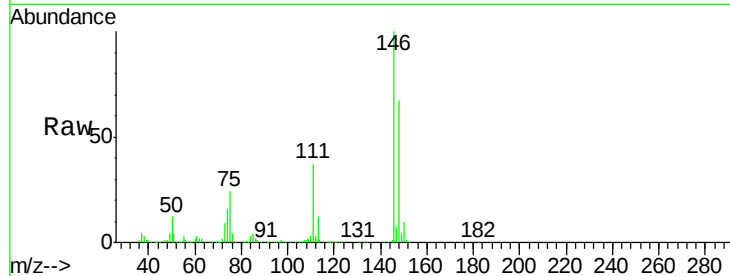
#87
1,3-Dichlorobenzene
Concen: 18.969 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VX010300.D
Acq: 14 Jun 2019 15:06

Instrument :
MSVOA_X
ClientSampleId :
VX0614WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	20.1	60.2
148	64.6	31.9	95.5

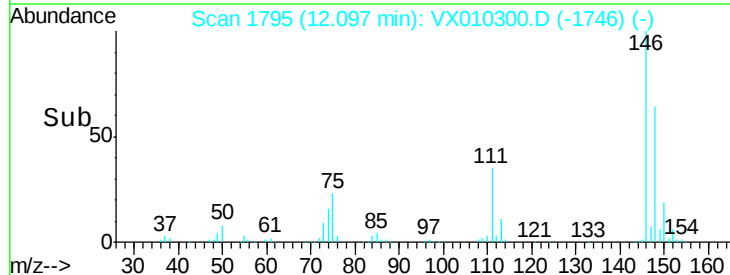
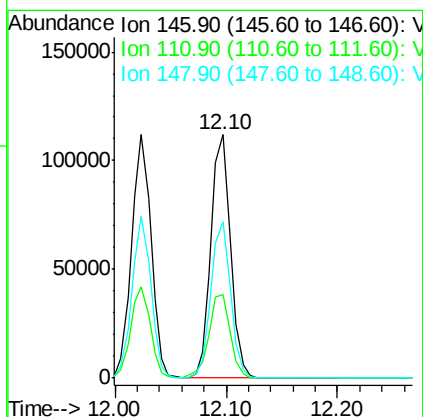
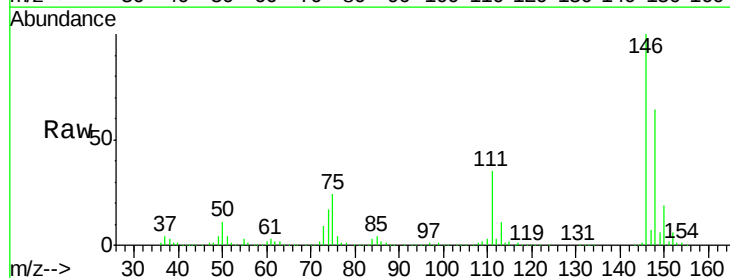
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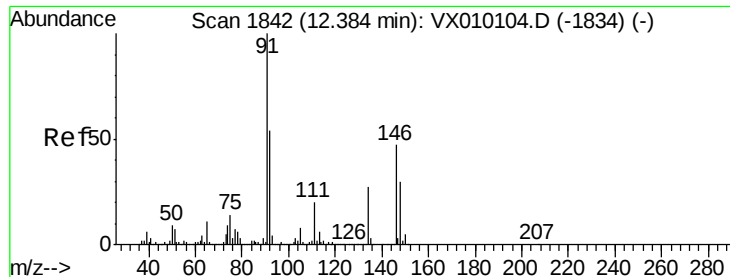
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#88
1,4-Dichlorobenzene
Concen: 18.905 ug/l
RT: 12.10 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VX010300.D
Acq: 14 Jun 2019 15:06

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.3	20.0	59.9
148	64.0	32.3	96.9





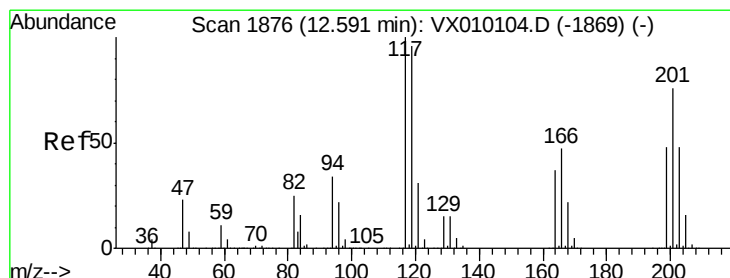
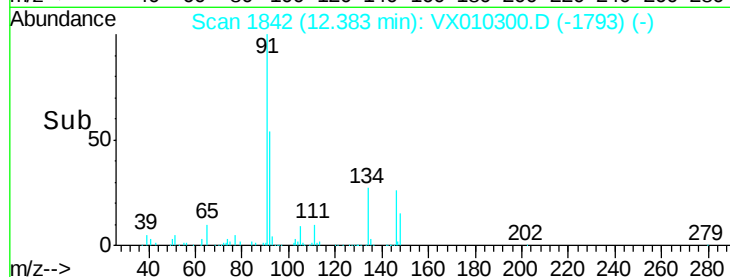
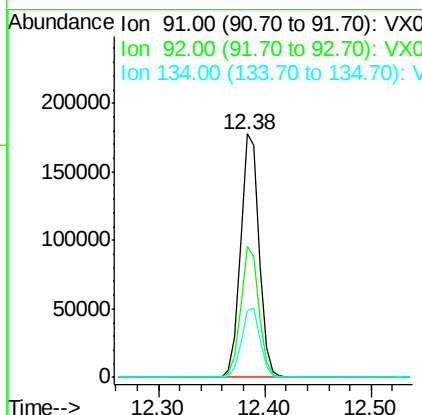
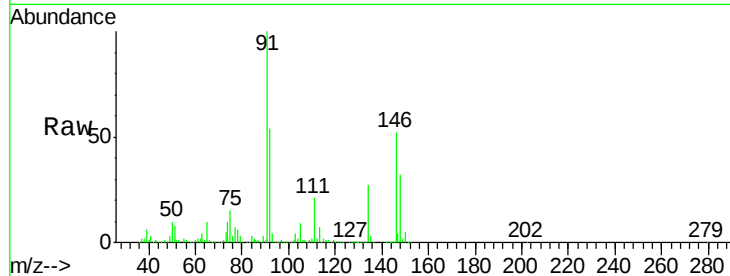
#89
n-Butylbenzene
Concen: 18.548 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX010300.D
Acq: 14 Jun 2019 15:06

Instrument :
MSVOA_X
ClientSampleId :
VX0614WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.7	26.3	78.8
134	28.8	12.3	36.8

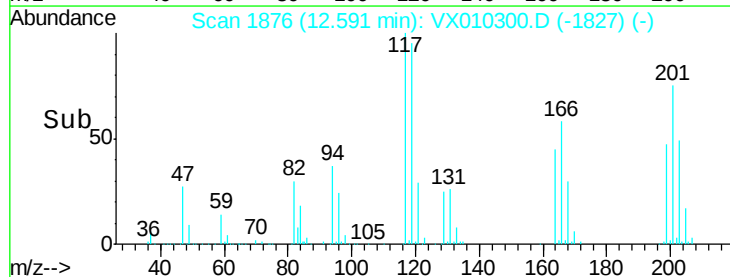
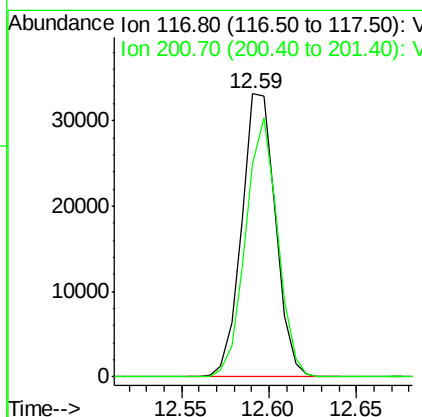
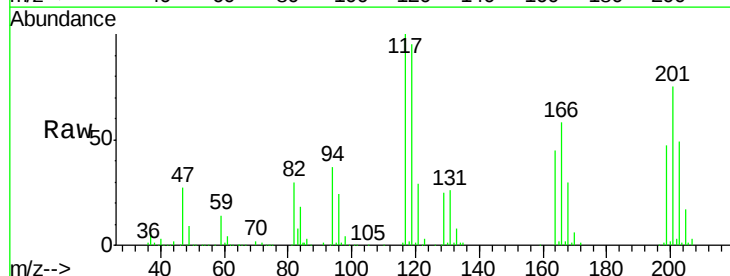
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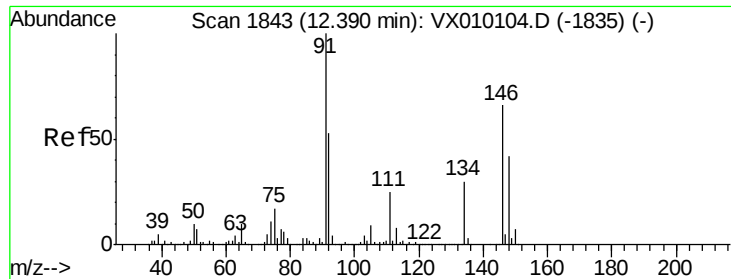
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#90
Hexachloroethane
Concen: 16.532 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.00 min
Lab File: VX010300.D
Acq: 14 Jun 2019 15:06

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.7	43.6	130.9





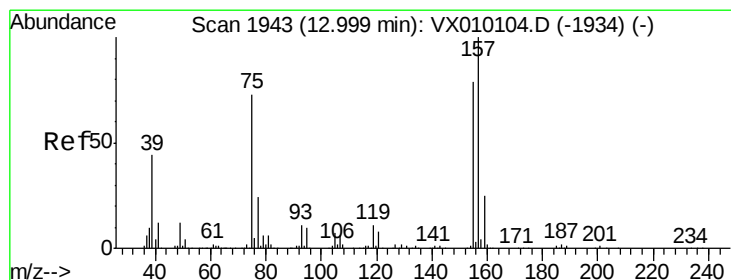
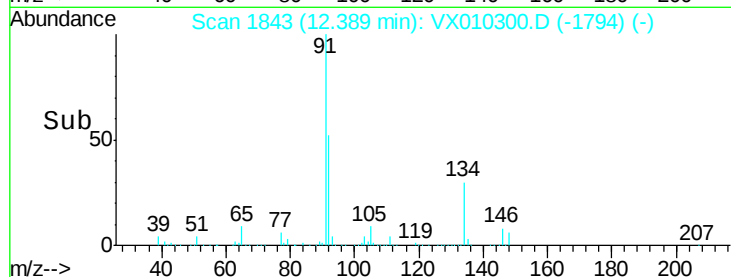
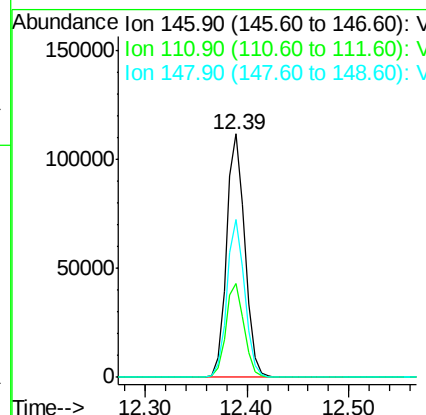
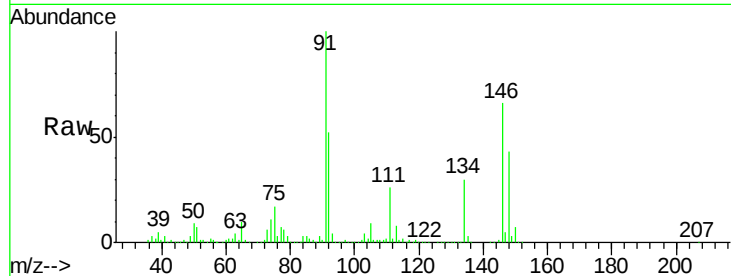
#91
 1,2-Dichlorobenzene
 Concen: 19.885 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX010300.D
 Acq: 14 Jun 2019 15:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0614WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	21.1	63.1
148	63.2	32.3	96.8

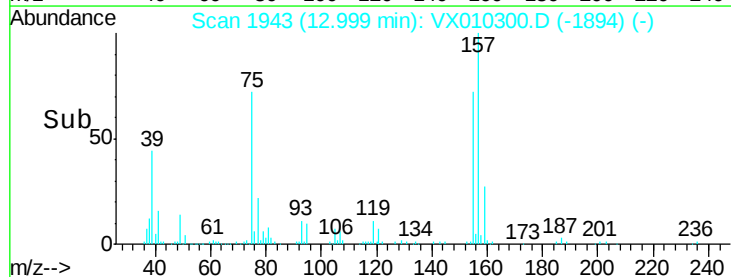
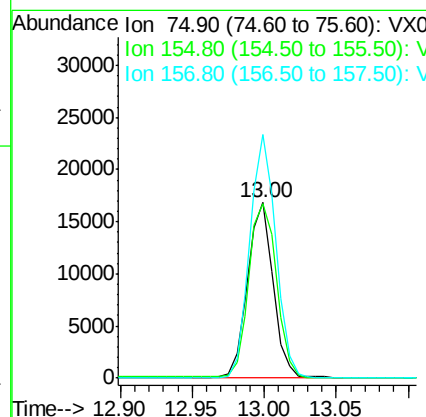
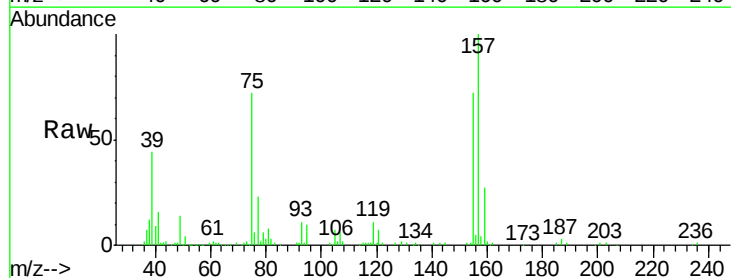
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.371 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX010300.D
 Acq: 14 Jun 2019 15:06

Tgt Ion	Ratio	Lower	Upper
75	100		
155	107.6	39.3	117.8
157	139.4	50.6	151.8





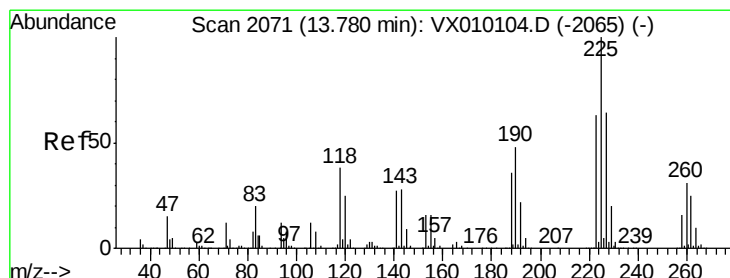
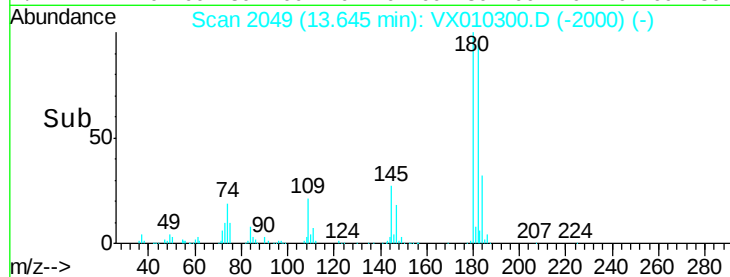
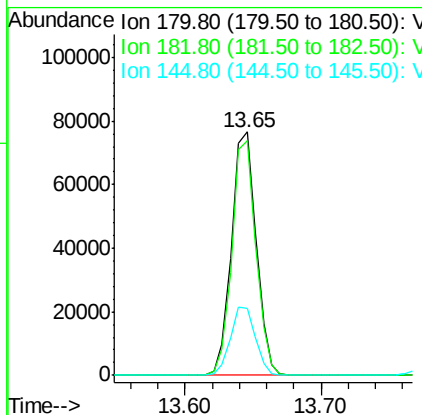
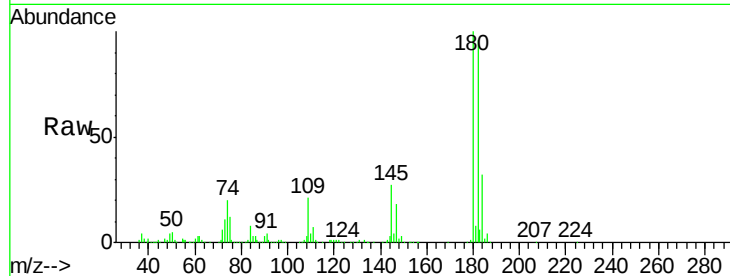
#93
 1,2,4-Trichlorobenzene
 Concen: 18.883 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX010300.D
 Acq: 14 Jun 2019 15:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0614WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	96809		
182	94.2		47.4	142.2
145	28.5		14.5	43.5

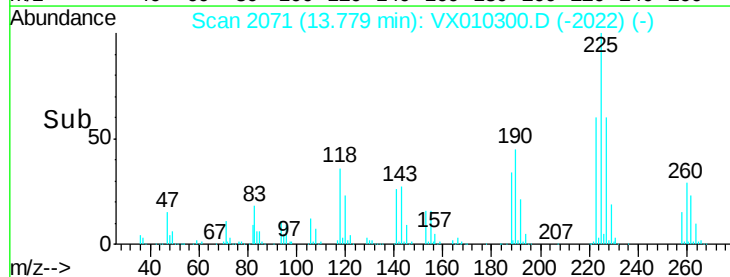
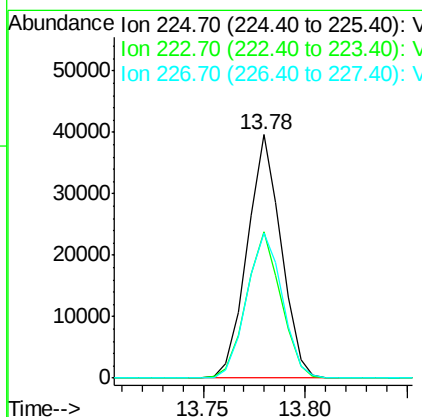
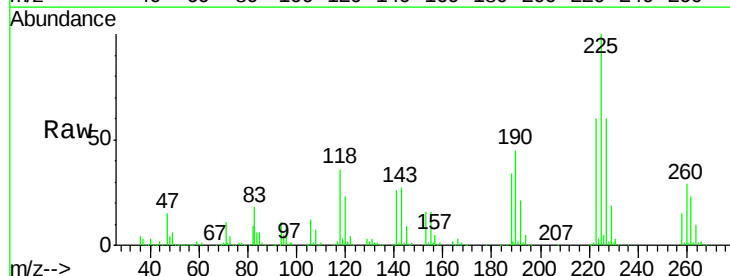
Manual Integrations
 APPROVED

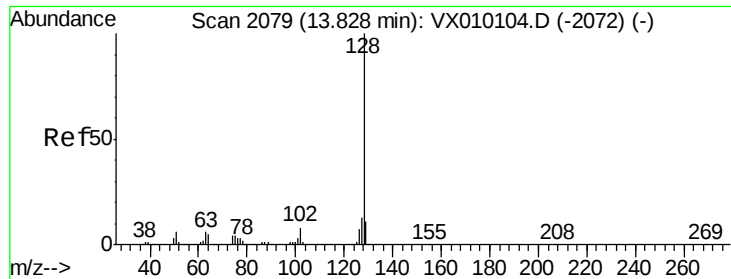
MMDadoda
 6/17/2019 10:36:11 AM



#94
 Hexachlorobutadiene
 Concen: 20.007 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX010300.D
 Acq: 14 Jun 2019 15:06

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	45617		
223	61.2		31.3	93.8
227	62.7		32.3	96.8





#95

Naphthalene

Concen: 19.093 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.01 min

Lab File: VX010300.D

Acq: 14 Jun 2019 15:06

Instrument :

MSVOA_X

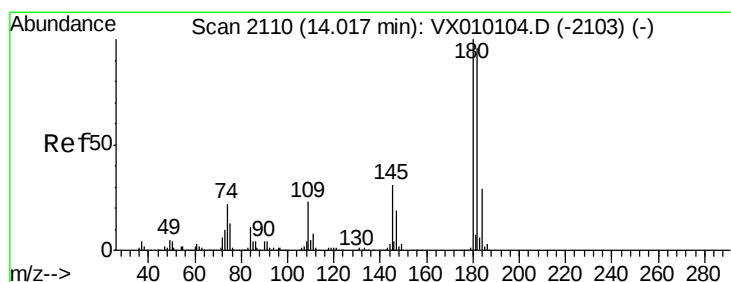
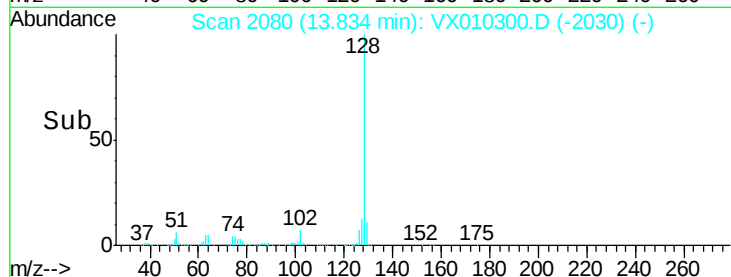
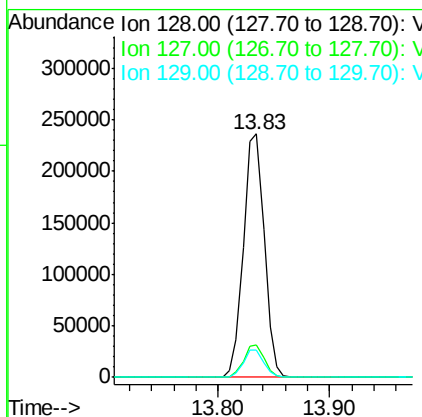
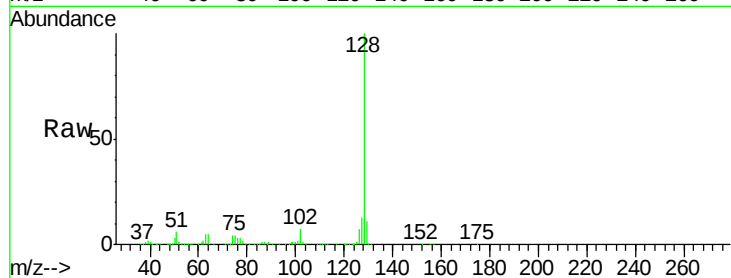
ClientSampleId :

VX0614WBSD01

Tot Ion:	128	Resp:	308142
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.6	16.0
129	11.2	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
6/17/2019 10:36:11 AM



#96

1,2,3-Trichlorobenzene

Concen: 19.471 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX010300.D

Acq: 14 Jun 2019 15:06

Tgt Ion:	180	Resp:	98702
Ion Ratio	Lower	Upper	
180	100		
182	94.4	47.3	142.0
145	30.6	15.6	46.7

