

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061819\
 Data File : VX010340.D
 Acq On : 18 Jun 2019 14:02
 Operator : JC/SP
 Sample : VX0618WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0618WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/20/2019 8:58:23 AM

Quant Time: Jun 19 01:41:13 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	287867	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	433067	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	392039	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	200669	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	143184	50.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.92%	
35) Dibromofluoromethane	5.50	113	141817	53.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.18%	
50) Toluene-d8	8.71	98	529349	52.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.74%	
62) 4-Bromofluorobenzene	11.13	95	191234	51.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	48631	18.360	ug/l	99
3) Chloromethane	1.33	50	46068	17.513	ug/l	98
4) Vinyl Chloride	1.41	62	49346	19.959	ug/l	99
5) Bromomethane	1.64	94	26217	28.101	ug/l	99
6) Chloroethane	1.72	64	29281	23.490	ug/l	99
7) Trichlorofluoromethane	1.93	101	81527	22.199	ug/l	99
8) Diethyl Ether	2.19	74	29437	23.256	ug/l	78
9) 1,1,2-Trichlorotrifluoroet	2.39	101	47500	18.763	ug/l	90
10) Methyl Iodide	2.51	142	62389	15.906	ug/l	97
11) Tert butyl alcohol	3.04	59	82703	120.147	ug/l	97
12) 1,1-Dichloroethene	2.37	96	47872	18.514	ug/l	82
13) Acrolein	2.29	56	8998	71.689	ug/l	98
14) Allyl chloride	2.73	41	70675	18.108	ug/l #	89
15) Acrylonitrile	3.14	53	144289	102.553	ug/l	98
16) Acetone	2.45	43	128962	97.579	ug/l #	89
17) Carbon Disulfide	2.57	76	111064	14.866	ug/l	100
18) Methyl Acetate	2.78	43	62975	21.667	ug/l #	84
19) Methyl tert-butyl Ether	3.20	73	160128	19.276	ug/l	93
20) Methylene Chloride	2.85	84	55358	19.073	ug/l #	79
21) trans-1,2-Dichloroethene	3.17	96	50687	17.714	ug/l #	82
22) Diisopropyl ether	3.85	45	149339	20.013	ug/l #	93
23) Vinyl Acetate	3.82	43	643274	96.629	ug/l #	88
24) 1,1-Dichloroethane	3.70	63	85649	18.904	ug/l	93
25) 2-Butanone	4.68	43	199597	101.421	ug/l #	84
26) 2,2-Dichloropropane	4.59	77	70569	17.073	ug/l	91
27) cis-1,2-Dichloroethene	4.60	96	61827	19.422	ug/l	77
28) Bromochloromethane	5.02	49	38972	19.193	ug/l #	50
29) Tetrahydrofuran	5.13	42	124193	100.415	ug/l #	75
30) Chloroform	5.21	83	90964	19.332	ug/l	99
31) Cyclohexane	5.57	56	73789	18.045	ug/l #	82
32) 1,1,1-Trichloroethane	5.49	97	80296	18.152	ug/l	93
36) 1,1-Dichloropropene	5.81	75	63597	18.000	ug/l	92
37) Ethyl Acetate	4.84	43	72509	19.724	ug/l #	91
38) Carbon Tetrachloride	5.79	117	70533	17.637	ug/l	97

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Manual Integrations
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Quant Time: Jun 19 01:41:13 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)

39) Methylcyclohexane	7.46	83	81533	16.947	ug/l #	82
40) Benzene	6.14	78	208382	19.073	ug/l	99
41) Methacrylonitrile	5.05	41	39130	19.678	ug/l #	84
42) 1,2-Dichloroethane	6.20	62	66274	19.001	ug/l	92
43) Isopropyl Acetate	6.45	43	118562	19.289	ug/l #	89
44) Trichloroethene	7.21	130	62393	18.946	ug/l	85
45) 1,2-Dichloropropane	7.51	63	52864	19.332	ug/l	99
46) Dibromomethane	7.66	93	38828	18.953	ug/l	92
47) Bromodichloromethane	7.90	83	69772	18.227	ug/l #	98
48) Methyl methacrylate	7.77	41	56431	19.631	ug/l #	77
49) 1,4-Dioxane	7.74	88	33151	404.494	ug/l #	78
51) 4-Methyl-2-Pentanone	8.64	43	389901	106.184	ug/l	92
52) Toluene	8.79	92	138336	19.262	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	76348	17.243	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	84280	17.755	ug/l #	89
55) 1,1,2-Trichloroethane	9.21	97	59723	20.306	ug/l	96
56) Ethyl methacrylate	9.18	69	88379	19.022	ug/l #	82
57) 1,3-Dichloropropane	9.37	76	89399	19.307	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	203826	93.060	ug/l #	86
59) 2-Hexanone	9.49	43	302572	103.349	ug/l	89
60) Dibromochloromethane	9.58	129	63403	18.225	ug/l	99
61) 1,2-Dibromoethane	9.67	107	62380	19.043	ug/l	100
64) Tetrachloroethene	9.34	164	62912	21.606	ug/l	96
65) Chlorobenzene	10.14	112	159681	19.735	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	59848	19.234	ug/l	100
67) Ethyl Benzene	10.25	91	262561	19.062	ug/l	96
68) m/p-Xylenes	10.36	106	204853	38.432	ug/l	90
69) o-Xylene	10.69	106	102237	19.295	ug/l	88
70) Styrene	10.71	104	172189	19.188	ug/l	95
71) Bromoform	10.85	173	50692	17.721	ug/l #	97
73) Isopropylbenzene	11.02	105	267802	19.118	ug/l	96
74) N-amyl acetate	10.90	43	103873	18.759	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.27	83	92302	19.249	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	74678m	18.605	ug/l	
77) Bromobenzene	11.26	156	73438	19.064	ug/l	80
78) n-propylbenzene	11.36	91	288628	18.508	ug/l	94
79) 2-Chlorotoluene	11.42	91	172809	18.450	ug/l	89
80) 1,3,5-Trimethylbenzene	11.51	105	216179	18.323	ug/l	95
81) trans-1,4-Dichloro-2-buten	11.07	75	29677	16.336	ug/l	89
82) 4-Chlorotoluene	11.51	91	198491	18.656	ug/l	92
83) tert-Butylbenzene	11.77	119	222503	18.632	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	222833	18.698	ug/l	96
85) sec-Butylbenzene	11.94	105	260217	18.704	ug/l	95
86) p-Isopropyltoluene	12.06	119	236529	18.597	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	129754	19.123	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	128345	18.764	ug/l	98
89) n-Butylbenzene	12.38	91	199767	18.247	ug/l	97
90) Hexachloroethane	12.60	117	41319	16.308	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	130359	19.762	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	18920	16.768	ug/l	63

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MSVOA_X
ClientSampleId :
VX0618WBSD01

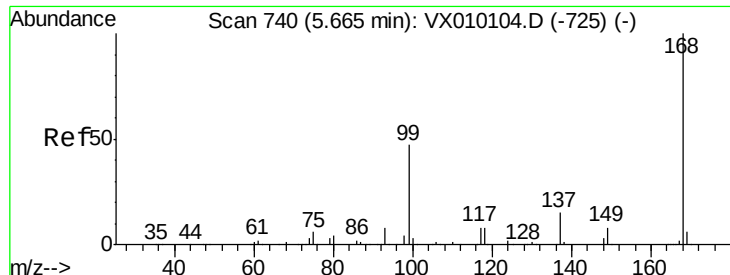
Manual Integrations
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Quant Time: Jun 19 01:41:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 08 02:12:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	89852	18.608	ug/l	100
94) Hexachlorobutadiene	13.78	225	43373	20.198	ug/l	98
95) Naphthalene	13.83	128	286886	18.874	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	90674	18.992	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX010340.D

Acq: 18 Jun 2019 14:02

Instrument :

MSVOA_X

ClientSampleId :

VX0618WBSD01

Tot Ion:168 Resp: 287867

Ion Ratio Lower Upper

168 100

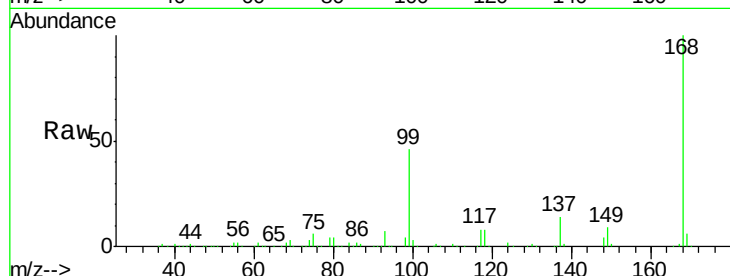
99 45.8 43.0 64.6

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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

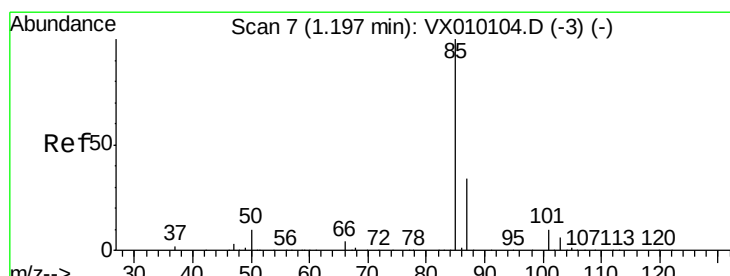
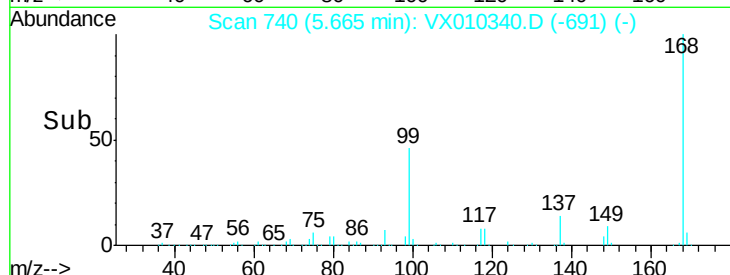
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.360 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX010340.D

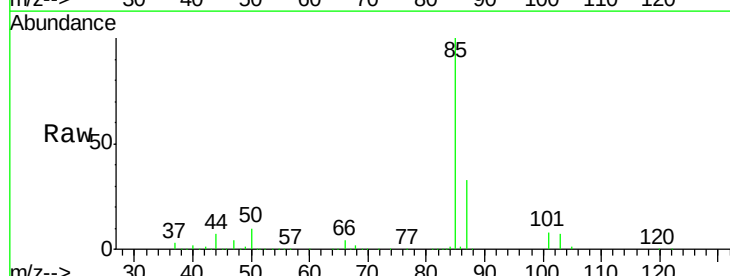
Acq: 18 Jun 2019 14:02

Tgt Ion: 85 Resp: 48631

Ion Ratio Lower Upper

85 100

87 32.5 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

50000

40000

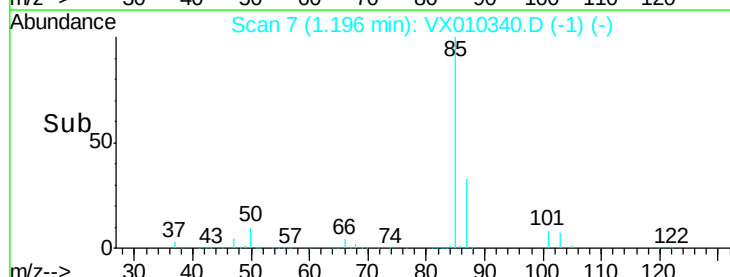
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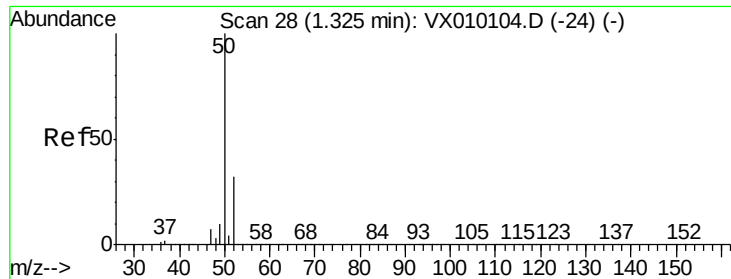
20000

10000

0

Time-->





#3

Chloromethane

Concen: 17.513 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010340.D

Acq: 18 Jun 2019 14:02

Instrument :

MSVOA_X

ClientSampleId :

VX0618WBSD01

Tot Ion: 50 Resp: 46068

Ion Ratio Lower Upper

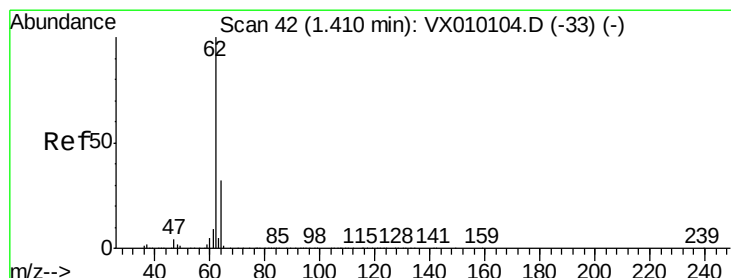
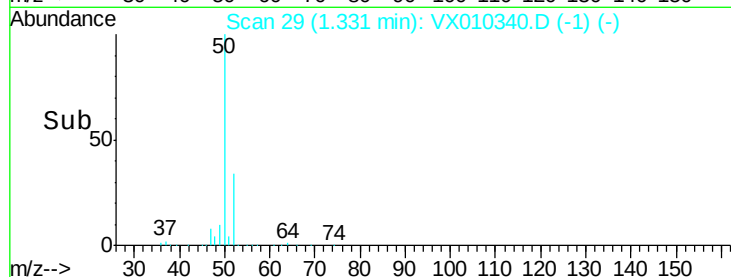
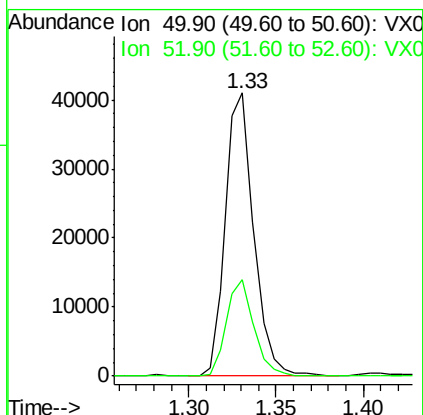
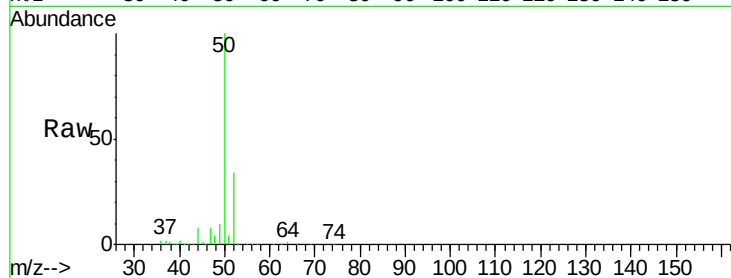
50 100

52 33.9 26.0 39.0

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#4

Vinyl Chloride

Concen: 19.959 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010340.D

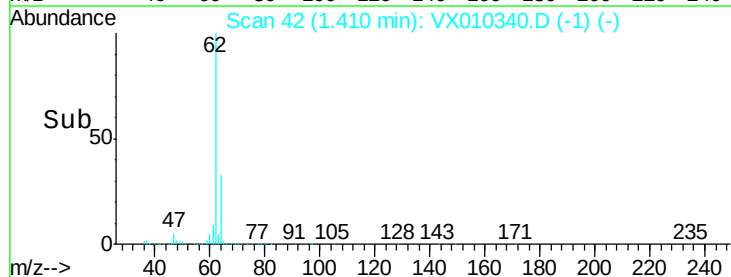
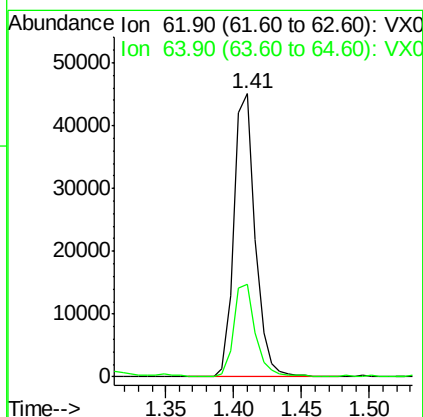
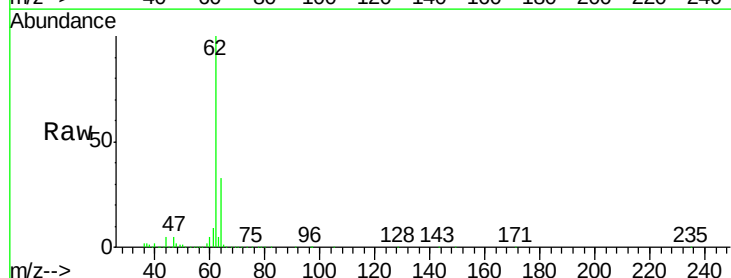
Acq: 18 Jun 2019 14:02

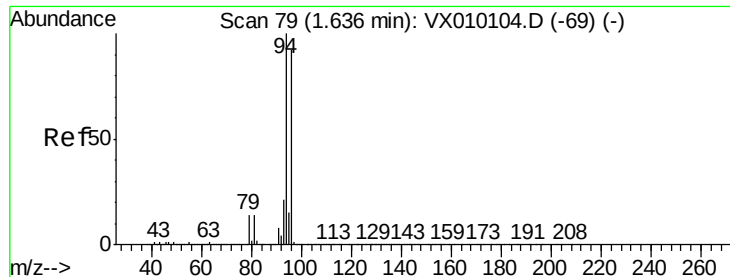
Tgt Ion: 62 Resp: 49346

Ion Ratio Lower Upper

62 100

64 32.7 25.7 38.5





#5

Bromomethane

Concen: 28.101 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX010340.D

Acq: 18 Jun 2019 14:02

Instrument :

MSVOA_X

ClientSampleId :

VX0618WBSD01

Tot Ion: 94 Resp: 26217

Ion Ratio Lower Upper

94 100

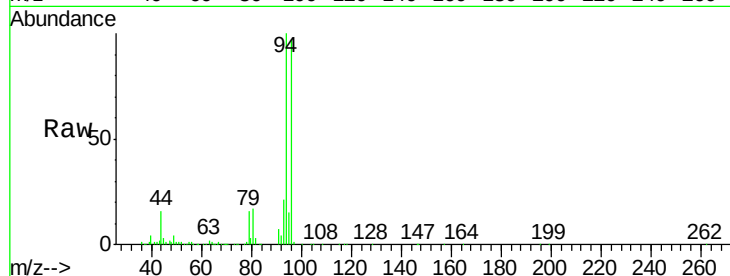
96 96.2 76.2 114.4

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

25000

20000

15000

10000

5000

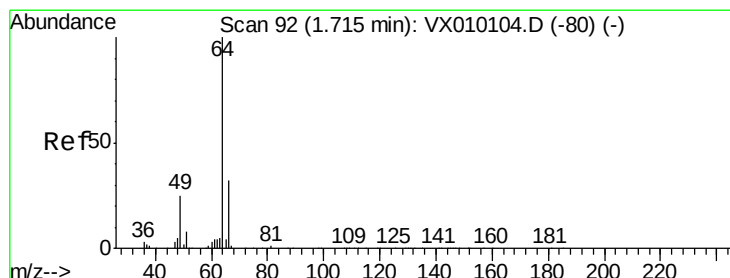
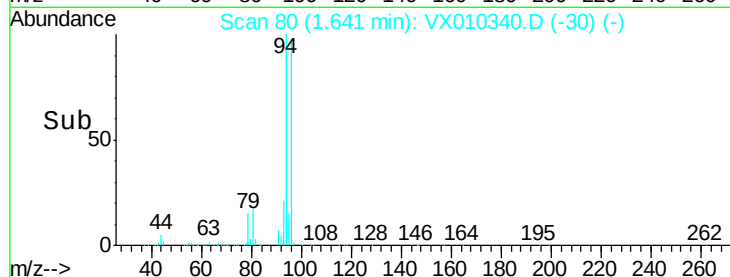
0

1.60

1.65

1.70

Time-->



#6

Chloroethane

Concen: 23.490 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX010340.D

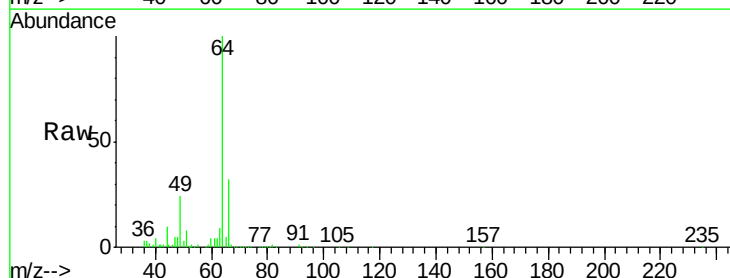
Acq: 18 Jun 2019 14:02

Tgt Ion: 64 Resp: 29281

Ion Ratio Lower Upper

64 100

66 31.9 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

25000

20000

15000

10000

5000

0

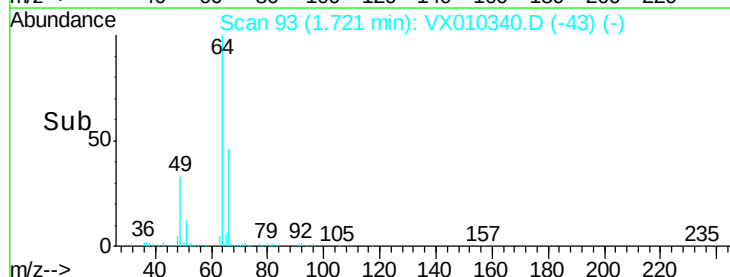
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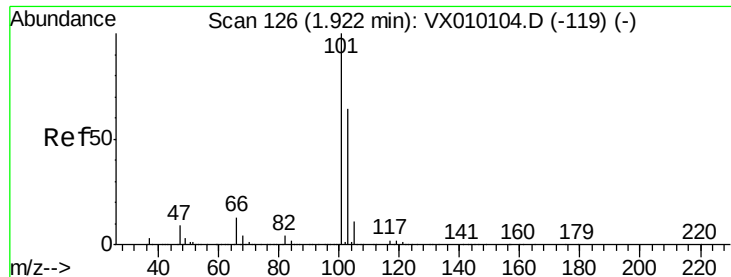
1.70

1.75

1.80

Time-->





#7

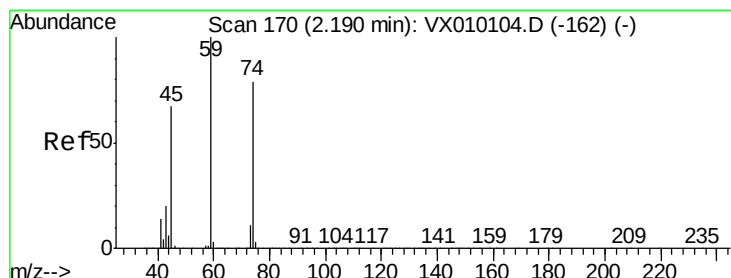
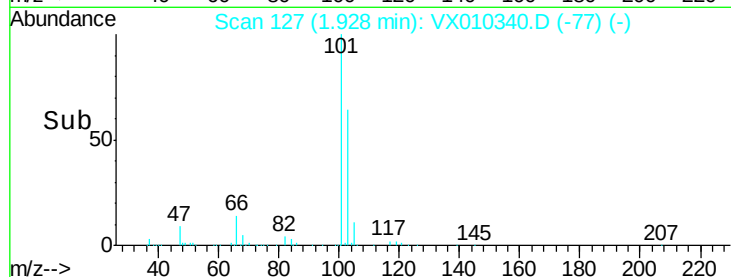
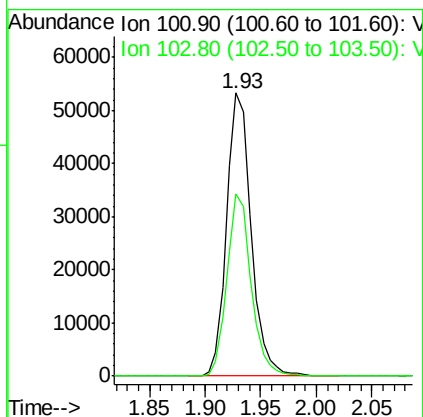
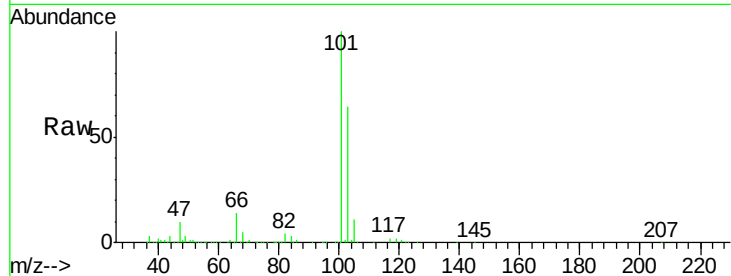
Trichlorofluoromethane
Concen: 22.199 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX010340.D
Acq: 18 Jun 2019 14:02

Instrument :
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ClientSampleId :
VX0618WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.2	52.2	78.4

Manual Integrations
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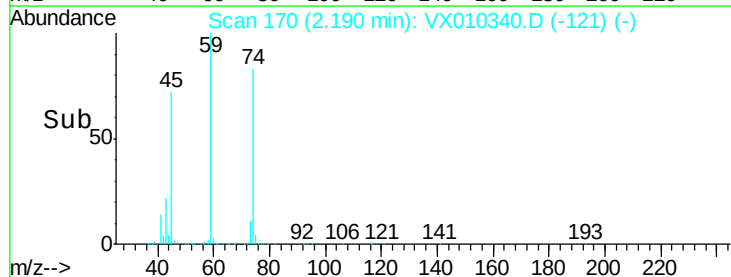
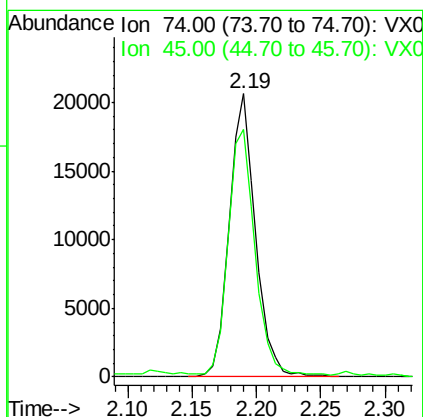
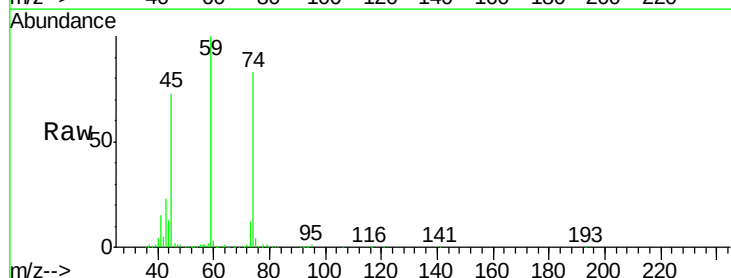
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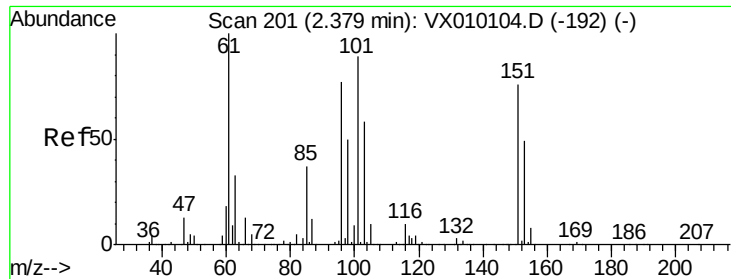


#8

Diethyl Ether
Concen: 23.256 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX010340.D
Acq: 18 Jun 2019 14:02

Tgt Ion	Ratio	Lower	Upper
74	100		
45	88.3	56.1	168.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.763 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX010340.D

Acq: 18 Jun 2019 14:02

Instrument :

MSVOA_X

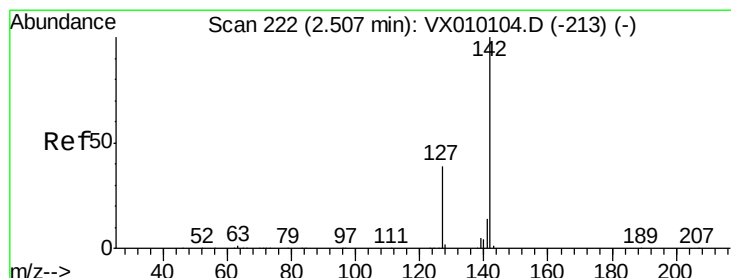
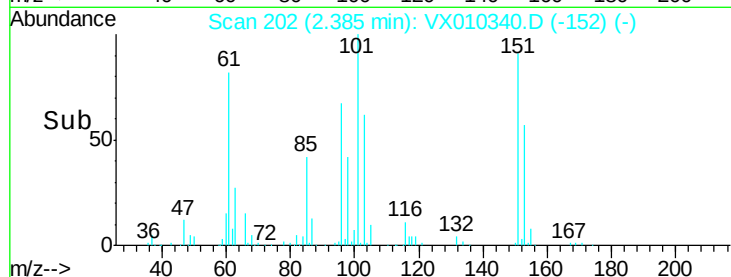
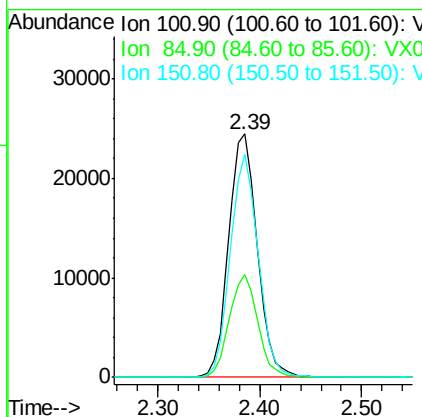
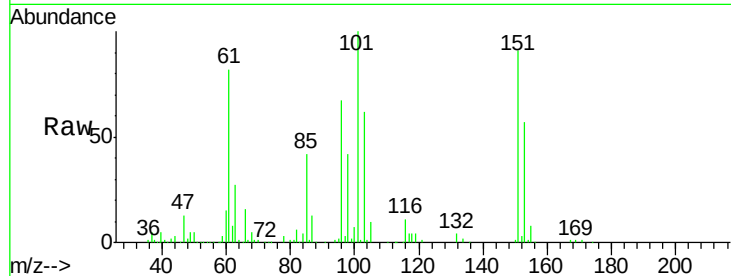
ClientSampleId :

VX0618WBSD01

Tot Ion:	101	Resp:	47500
Ion Ratio	Lower	Upper	
101	100		
85	41.8	35.2	52.8
151	89.2	61.9	92.9

Manual Integrations
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#10

Methyl Iodide

Concen: 15.906 ug/l

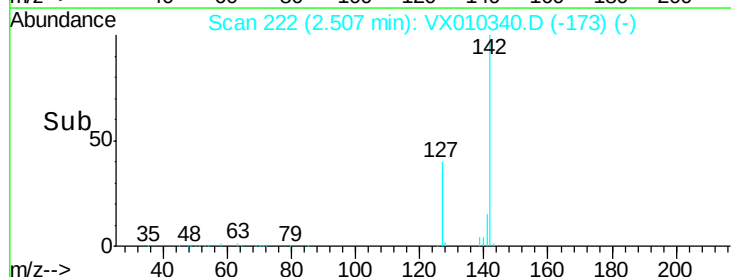
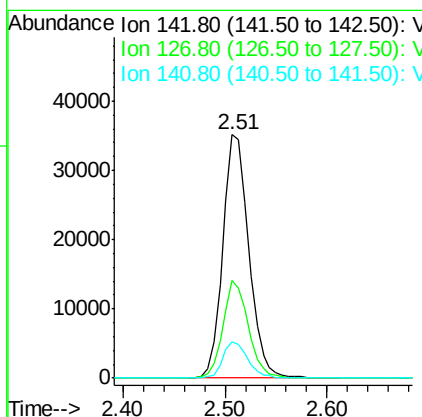
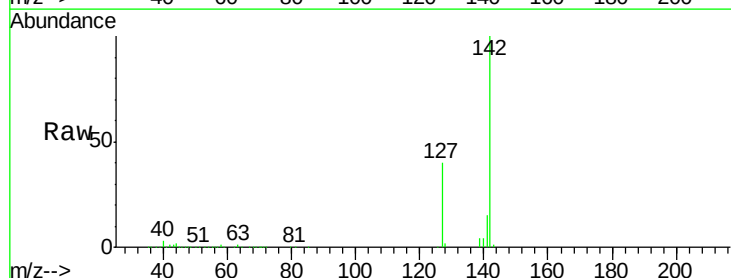
RT: 2.51 min Scan# 222

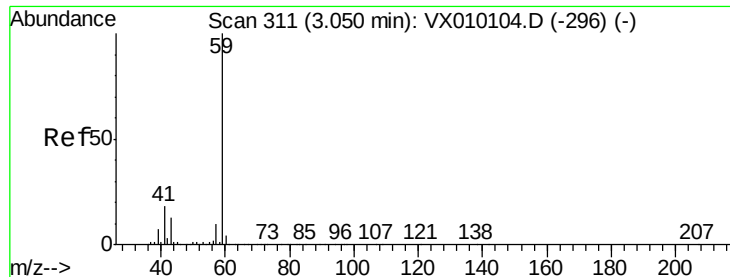
Delta R.T. -0.00 min

Lab File: VX010340.D

Acq: 18 Jun 2019 14:02

Tgt Ion:	142	Resp:	62389
Ion Ratio	Lower	Upper	
142	100		
127	38.9	33.0	49.4
141	14.5	11.4	17.0





#11

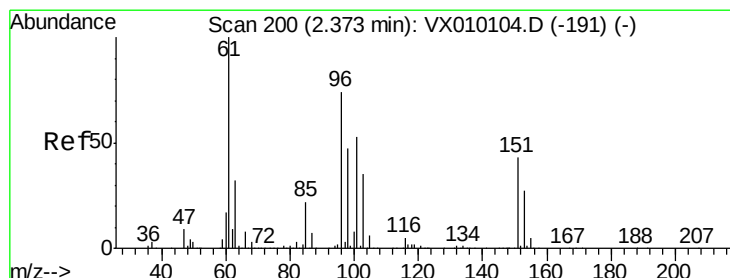
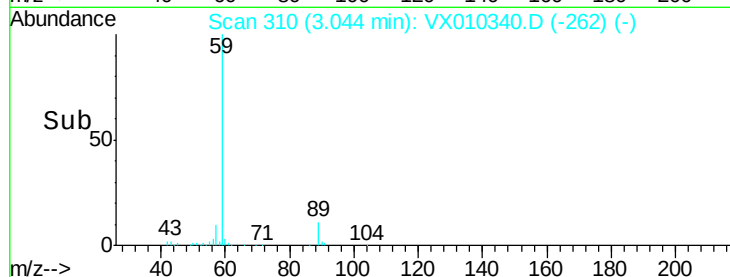
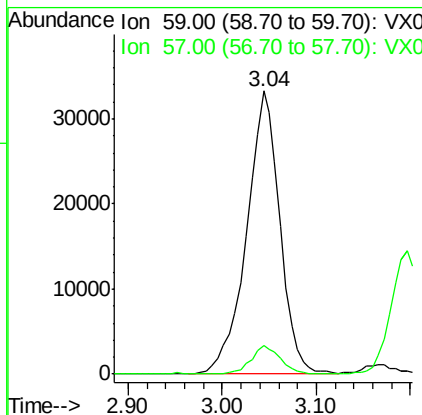
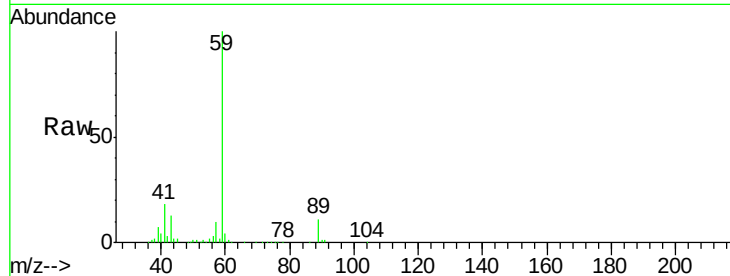
Tert butyl alcohol
Concen: 120.147 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX010340.D
Acq: 18 Jun 2019 14:02

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBSD01

Tot Ion	59	Resp	82703
Ion Ratio	100	Lower	Upper
57	9.0	8.2	12.2

Manual Integrations
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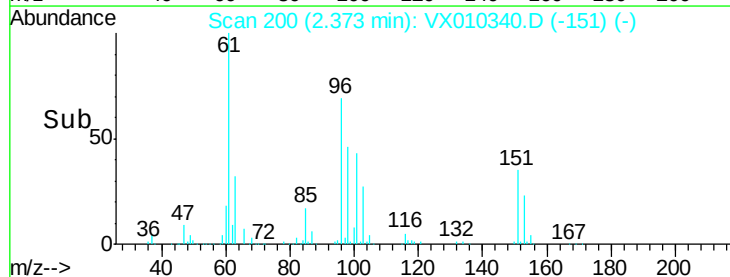
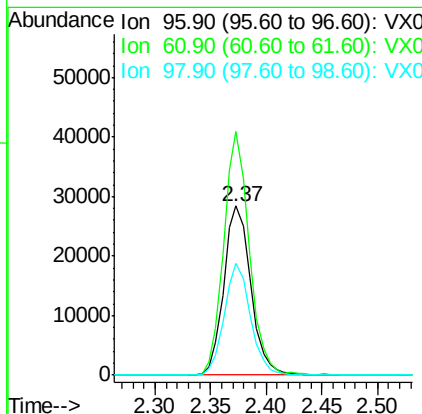
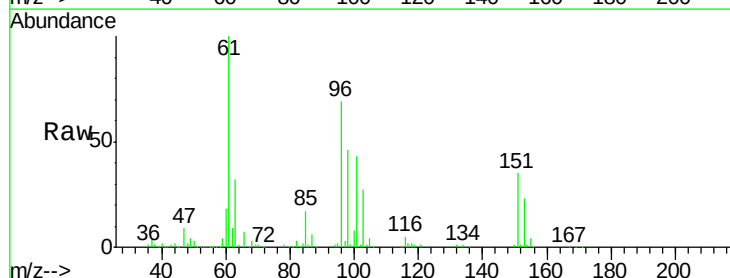
MMDadoda
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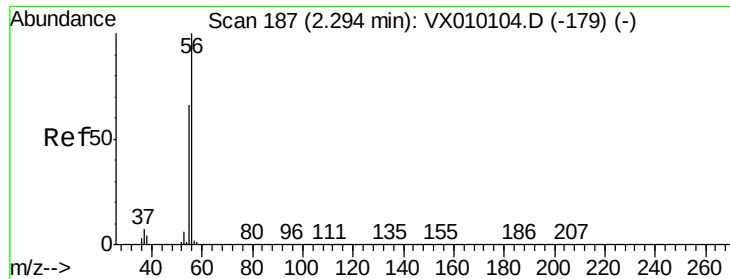


#12

1,1-Dichloroethene
Concen: 18.514 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX010340.D
Acq: 18 Jun 2019 14:02

Tgt Ion	96	Resp	47872
Ion Ratio	100	Lower	Upper
61	144.2	140.7	211.1
98	66.0	50.1	75.1





#13

Acrolein

Concen: 71.689 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX010340.D

Acq: 18 Jun 2019 14:02

Instrument :

MSVOA_X

ClientSampleId :

VX0618WBSD01

Tot Ion: 56 Resp: 8998

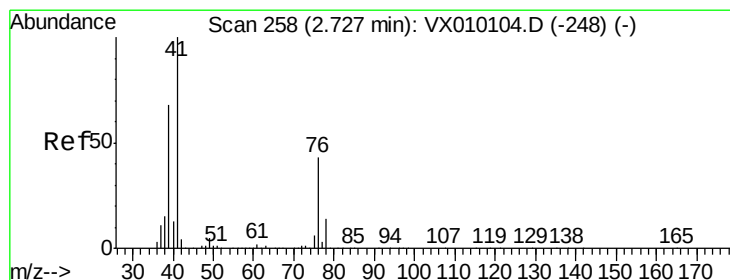
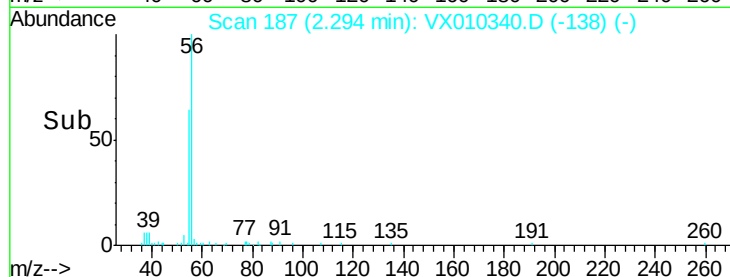
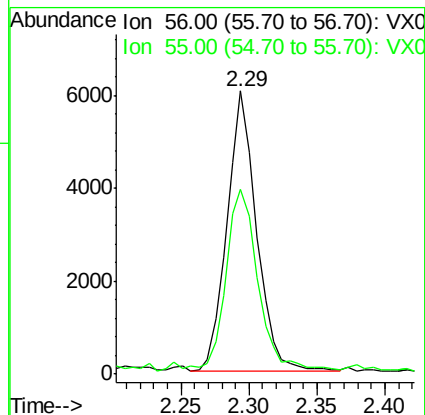
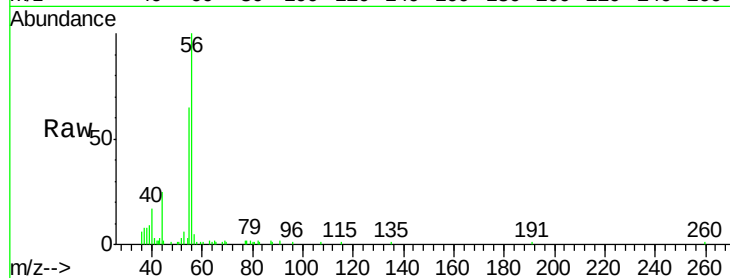
Ion Ratio Lower Upper

56 100

55 69.4 57.0 85.4

Manual Integrations
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#14

Allyl chloride

Concen: 18.108 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX010340.D

Acq: 18 Jun 2019 14:02

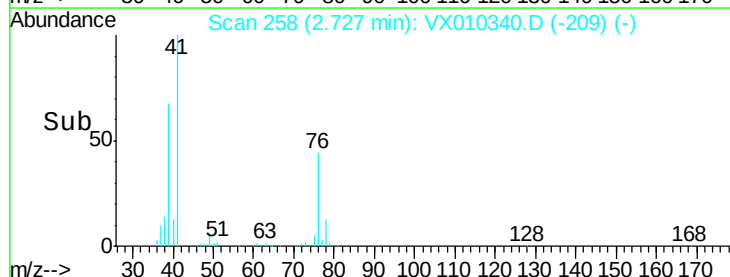
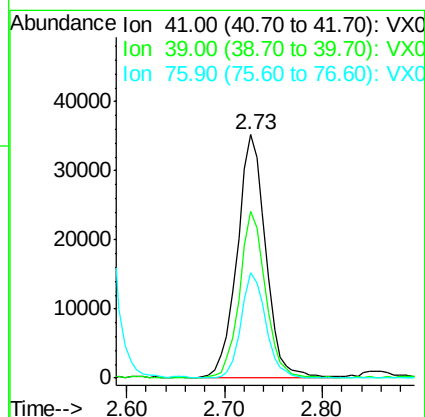
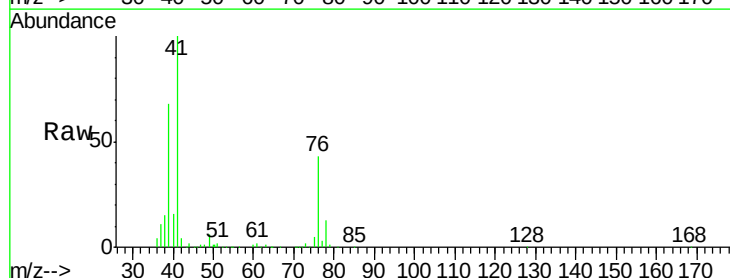
Tgt Ion: 41 Resp: 70675

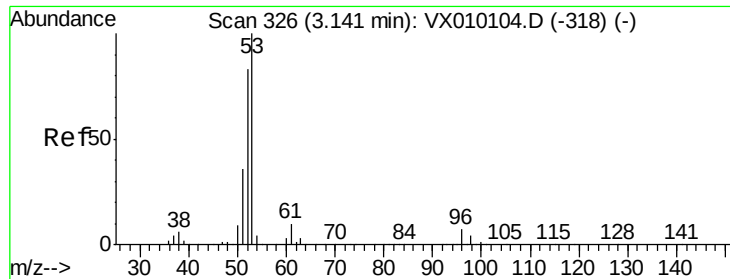
Ion Ratio Lower Upper

41 100

39 62.8 46.7 70.1

76 38.0 21.0 31.4#





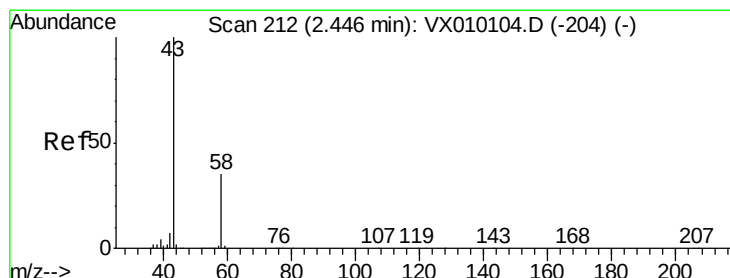
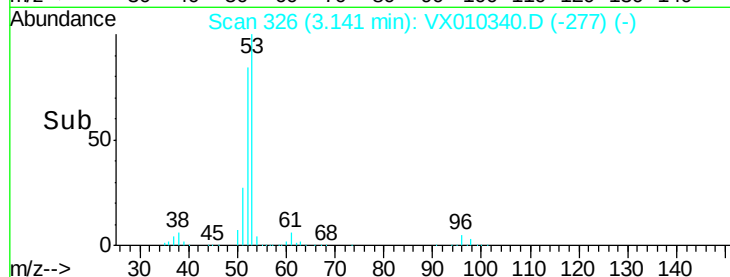
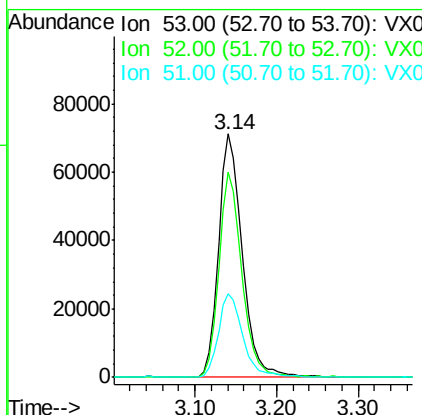
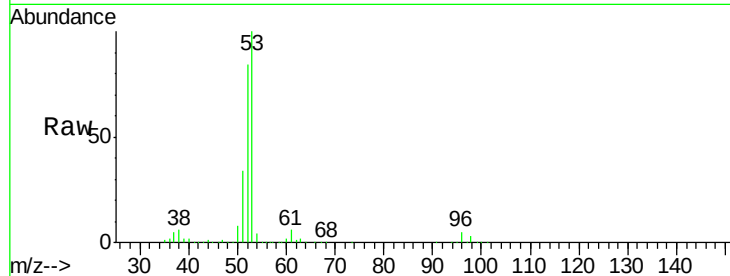
#15
 Acrylonitrile
 Concen: 102.553 ug/l
 RT: 3.14 min Scan# 326
 Delta R.T. -0.00 min
 Lab File: VX010340.D
 Acq: 18 Jun 2019 14:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0618WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
53	100			
52	81.5	66.7	100.1	
51	35.2	28.8	43.2	

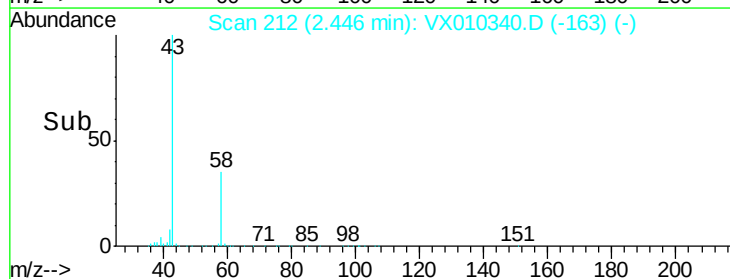
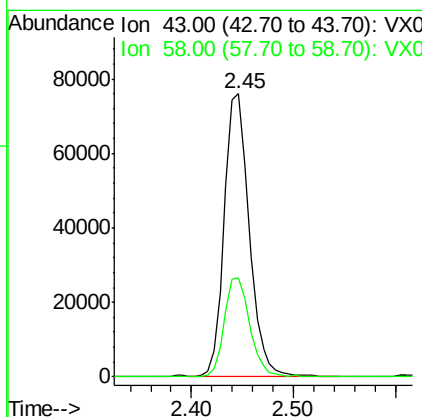
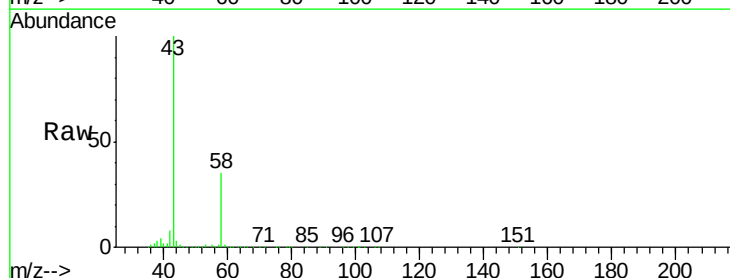
Manual Integrations
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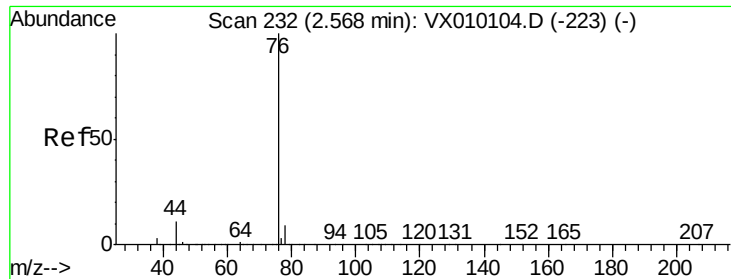
MMDadoda
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#16
 Acetone
 Concen: 97.579 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX010340.D
 Acq: 18 Jun 2019 14:02

Tgt Ion	Ion	Ratio	Lower	Upper
43	100			
58	34.9	23.2	34.8	#





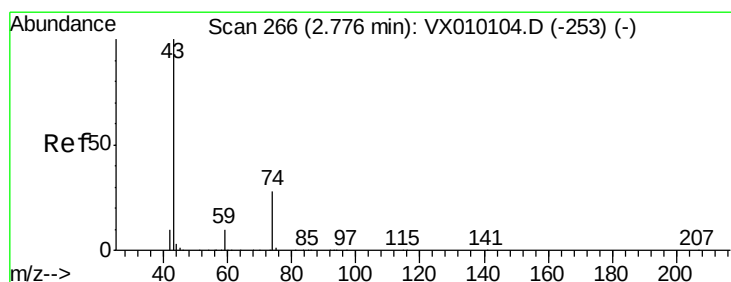
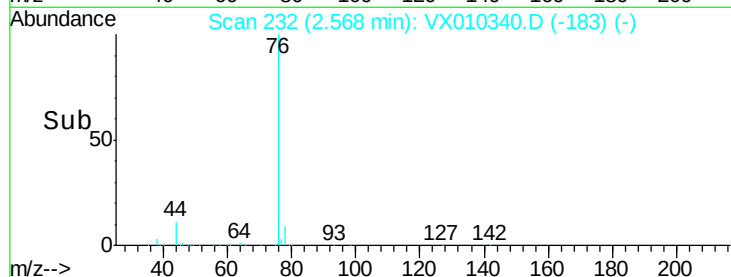
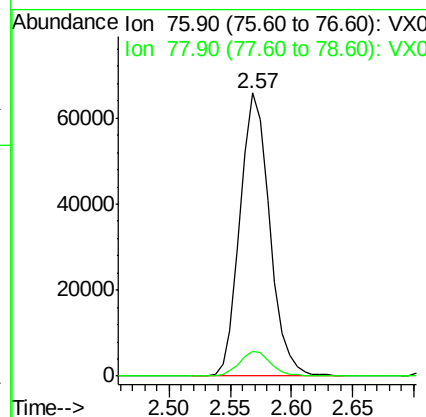
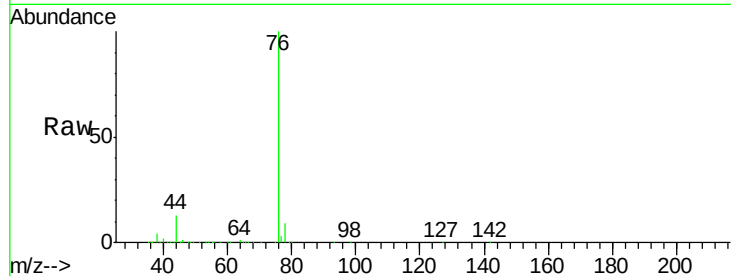
#17
Carbon Disulfide
Concen: 14.866 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX010340.D
Acq: 18 Jun 2019 14:02

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.0	10.6

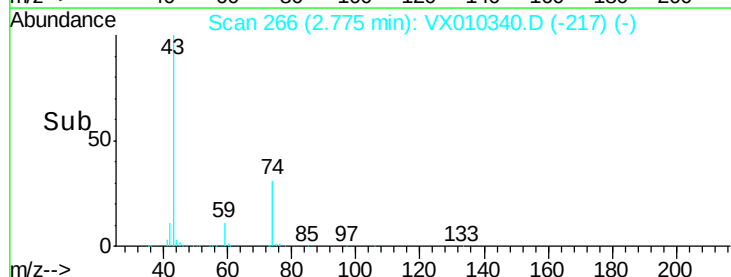
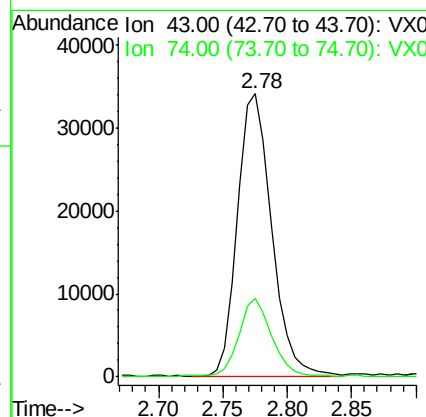
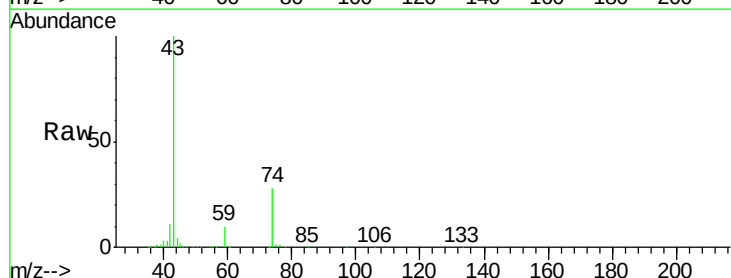
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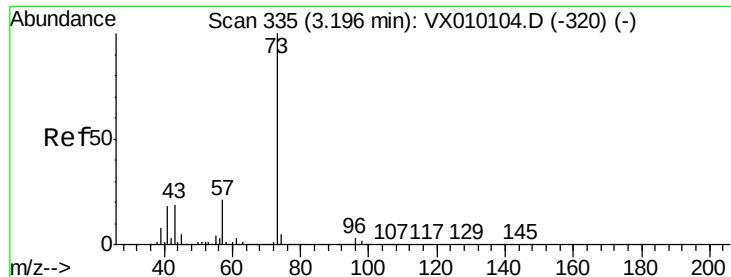
MMDadoda
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#18
Methyl Acetate
Concen: 21.667 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX010340.D
Acq: 18 Jun 2019 14:02

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.1	15.8	23.6#





#19

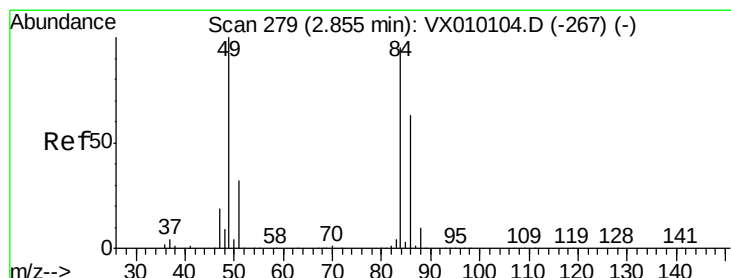
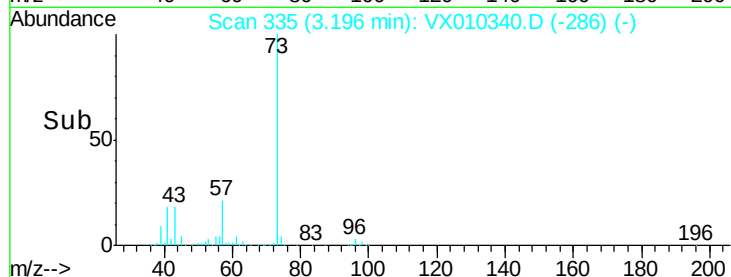
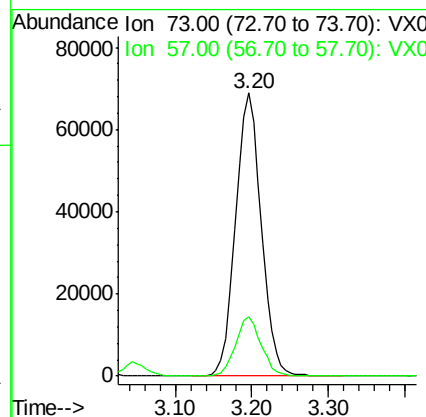
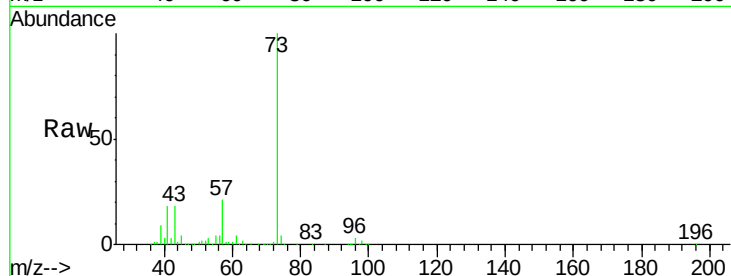
Methvl tert-butyl Ether
 Concen: 19.276 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. -0.00 min
 Lab File: VX010340.D
 Acq: 18 Jun 2019 14:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0618WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.9	19.4	29.2

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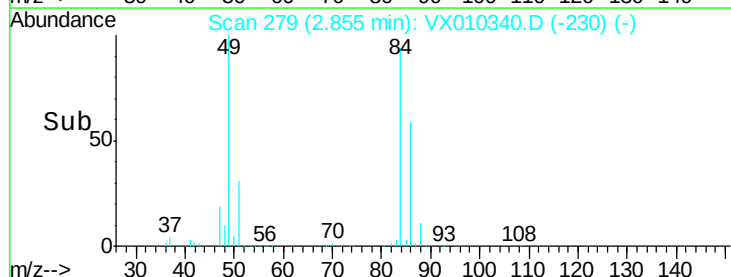
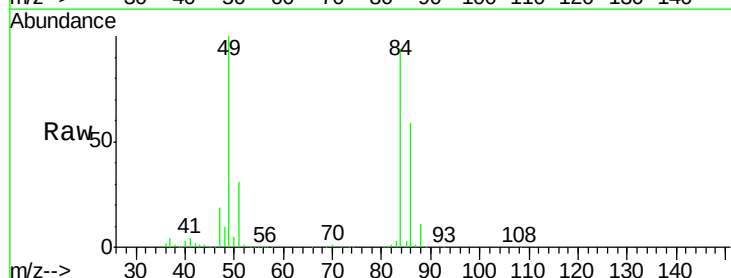
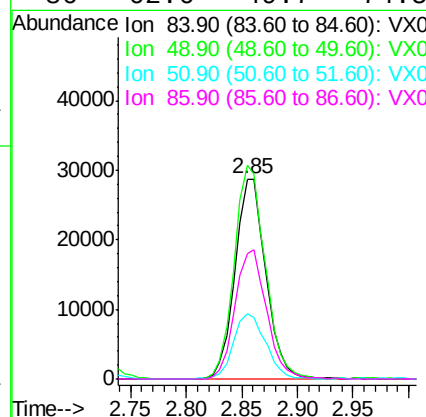
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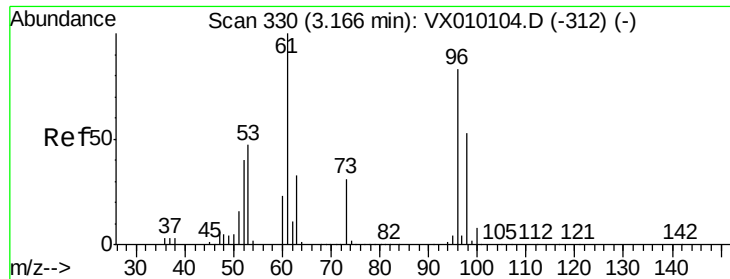


#20

Methylene Chloride
 Concen: 19.073 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX010340.D
 Acq: 18 Jun 2019 14:02

Tgt Ion	Ratio	Lower	Upper
84	100		
49	106.6	115.8	173.6#
51	32.6	34.4	51.6#
86	62.6	49.7	74.5





#21

trans-1,2-Dichloroethene

Concen: 17.714 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX010340.D

Acq: 18 Jun 2019 14:02

Instrument :

MSVOA_X

ClientSampleId :

VX0618WBSD01

Tot Ion: 96 Resp: 50687

Ion Ratio Lower Upper

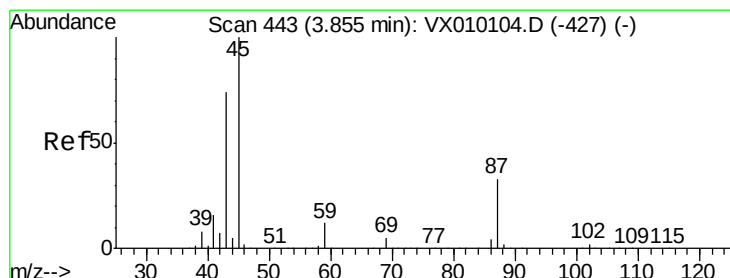
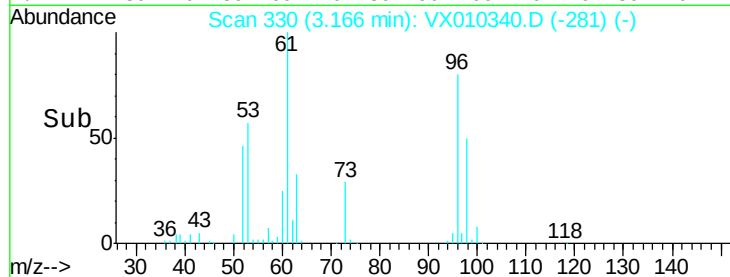
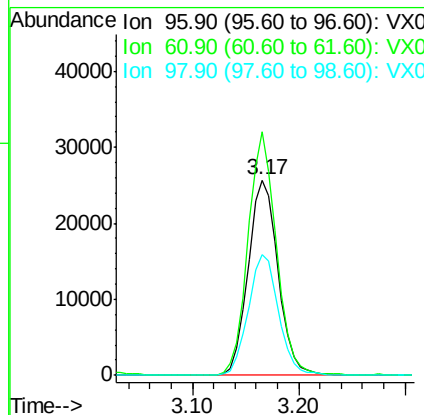
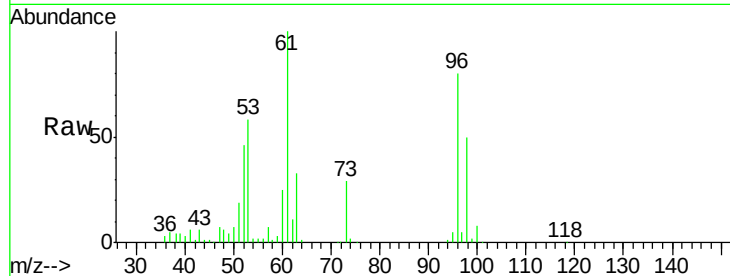
96 100

61 124.8 125.7 188.5#

98 62.1 49.0 73.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 20.013 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX010340.D

Acq: 18 Jun 2019 14:02

Tgt Ion: 45 Resp: 149339

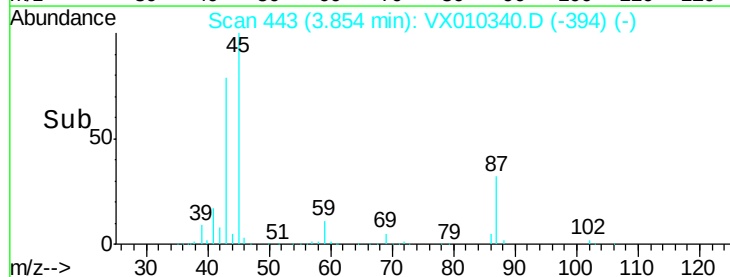
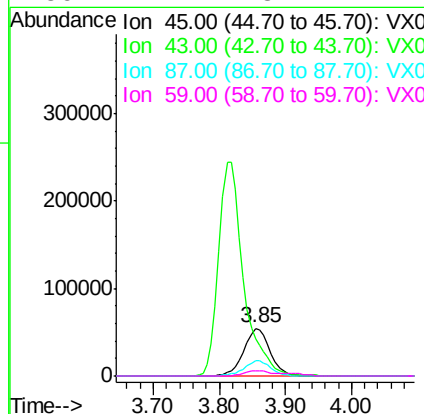
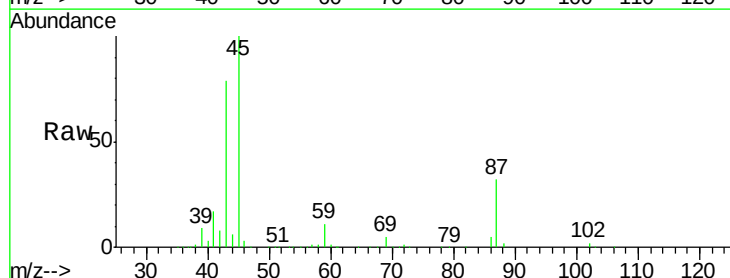
Ion Ratio Lower Upper

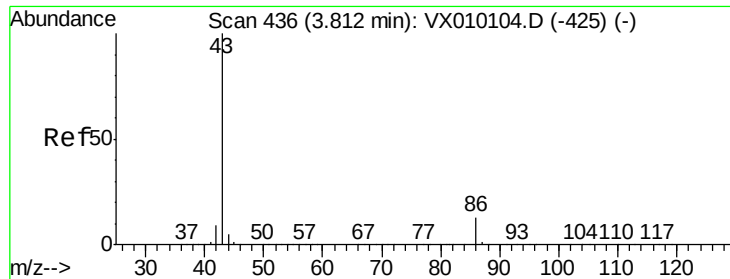
45 100

43 78.6 65.0 97.4

87 31.8 17.3 25.9#

59 11.4 8.1 12.1





#23

Vinyl Acetate

Concen: 96.629 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.01 min

Lab File: VX010340.D

Acq: 18 Jun 2019 14:02

Instrument :

MSVOA_X

ClientSampleId :

VX0618WBSD01

Tot Ion: 43 Resp: 643274

Ion Ratio Lower Upper

43 100

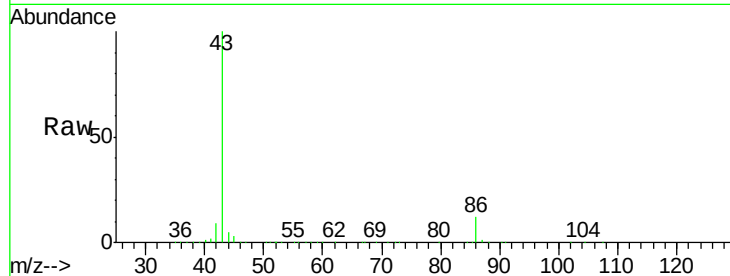
86 12.4 6.5 9.7#

Manual Integrations

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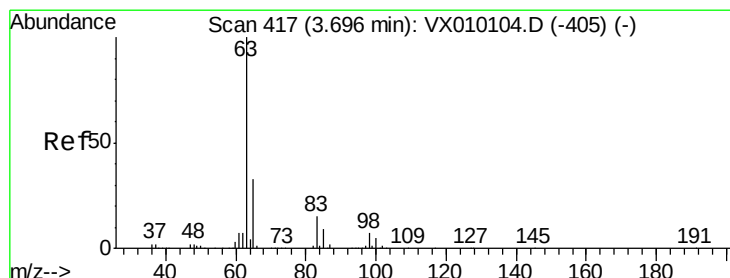
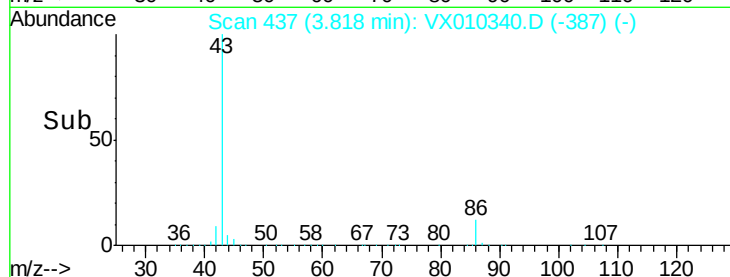
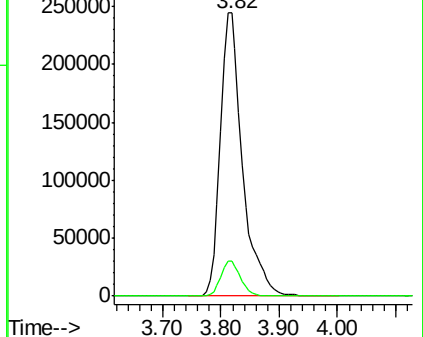
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 18.904 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX010340.D

Acq: 18 Jun 2019 14:02

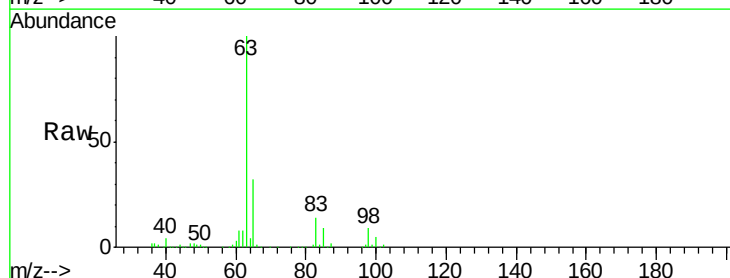
Tgt Ion: 63 Resp: 85649

Ion Ratio Lower Upper

63 100

98 8.6 2.9 8.8

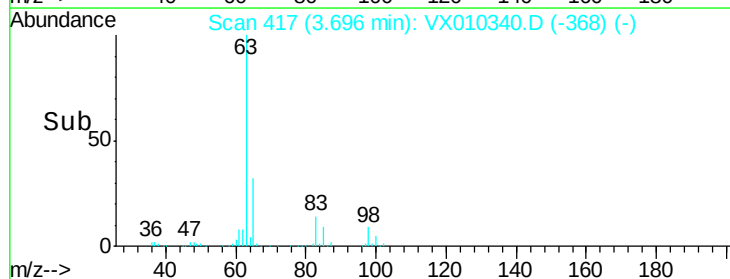
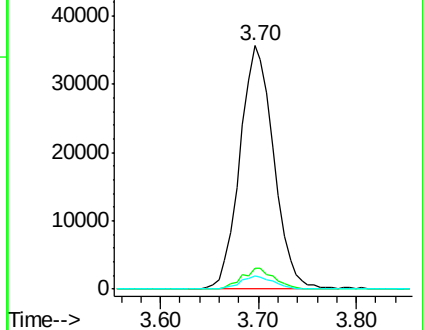
100 5.2 1.8 5.4

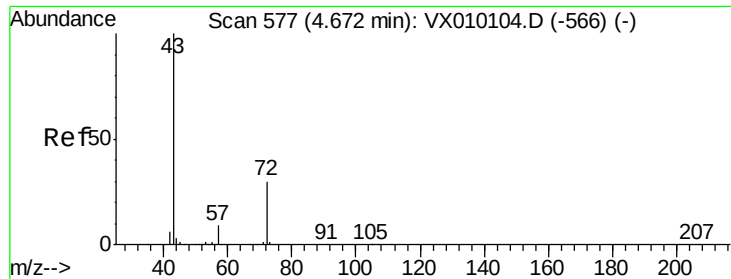


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 101.421 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.01 min

Lab File: VX010340.D

Acq: 18 Jun 2019 14:02

Instrument :

MSVOA_X

ClientSampled :

VX0618WBSD01

Tot Ion: 43 Resp: 199597

Ion Ratio Lower Upper

43 100

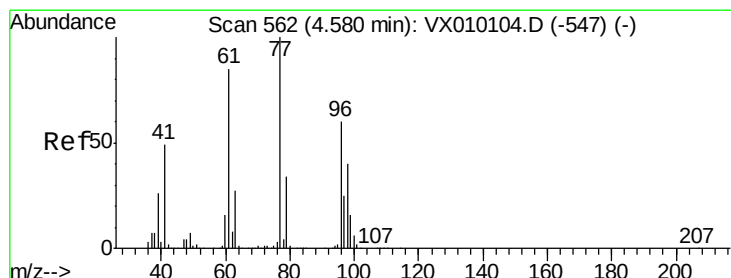
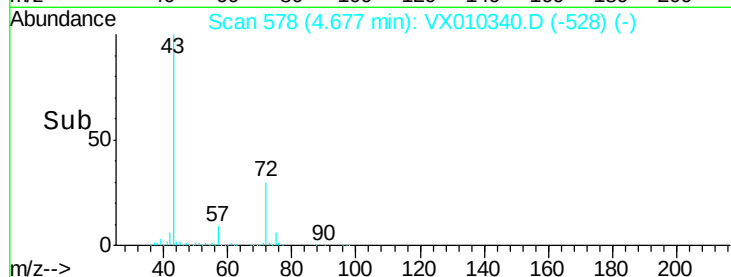
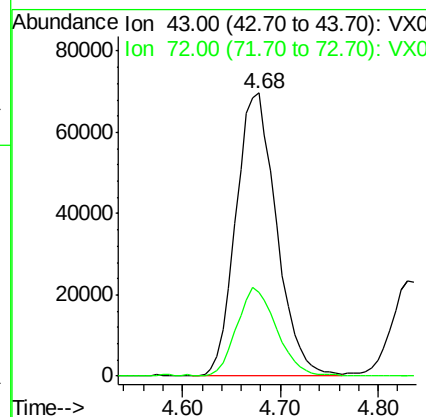
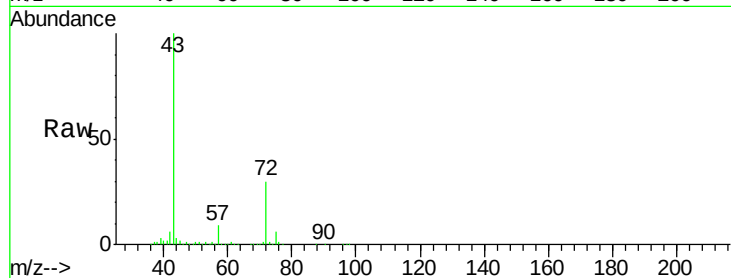
72 29.7 17.5 26.3#

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 17.073 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX010340.D

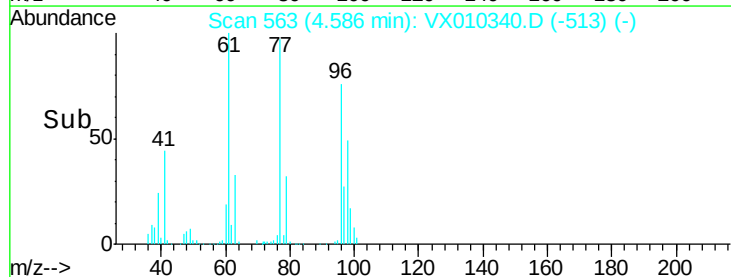
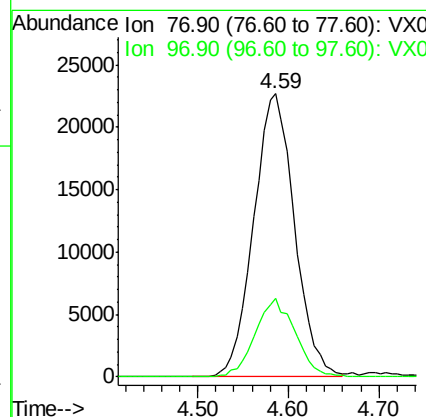
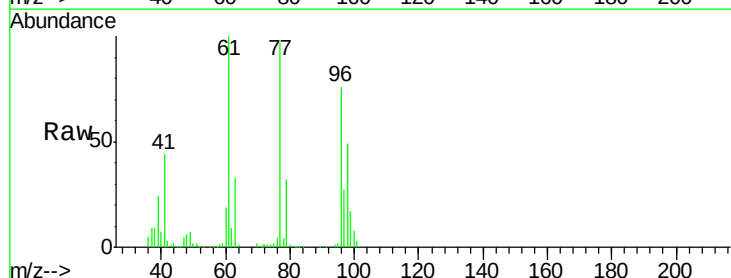
Acq: 18 Jun 2019 14:02

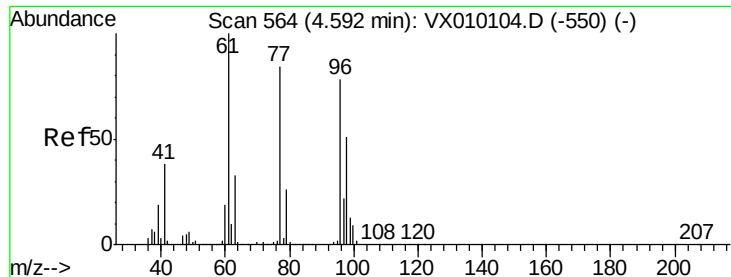
Tgt Ion: 77 Resp: 70569

Ion Ratio Lower Upper

77 100

97 27.2 11.4 34.2





#27

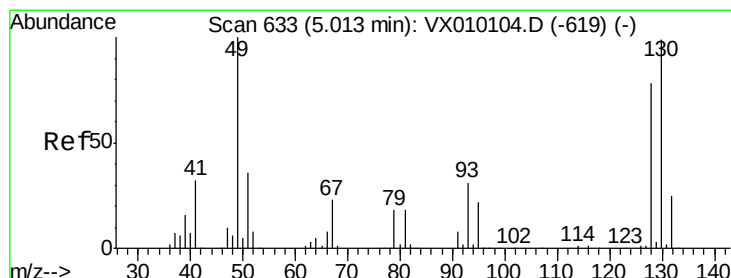
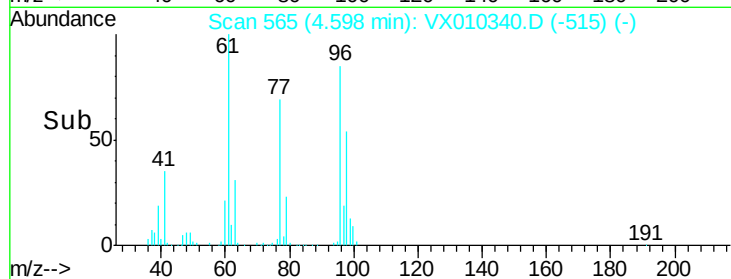
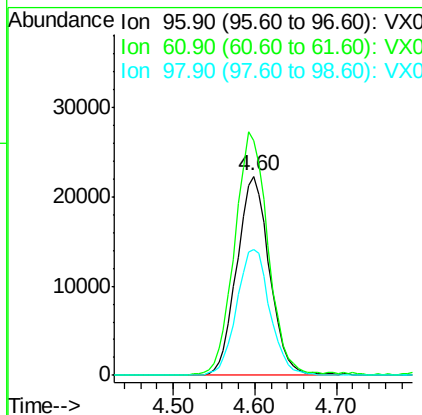
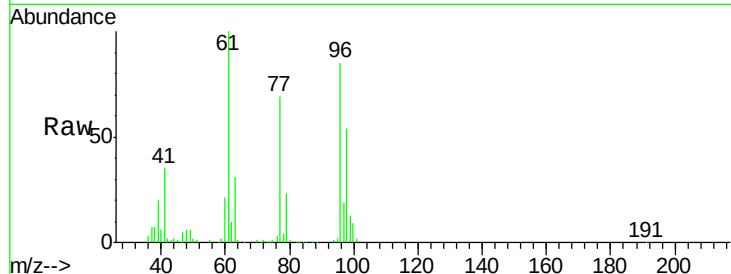
cis-1,2-Dichloroethene
Concen: 19.422 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX010340.D
Acq: 18 Jun 2019 14:02

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	124.6	0.0	334.0
98	64.9	0.0	131.6

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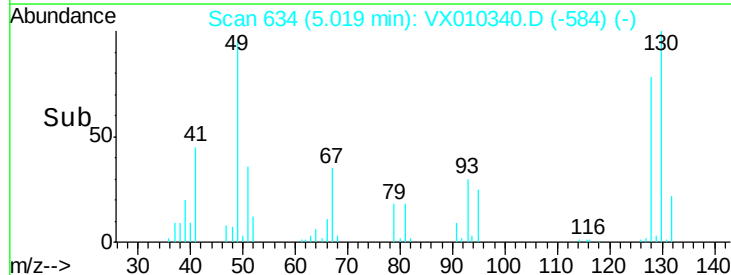
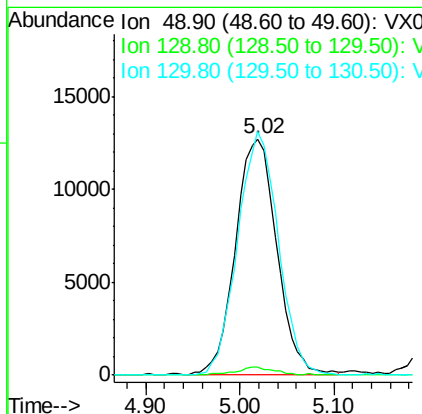
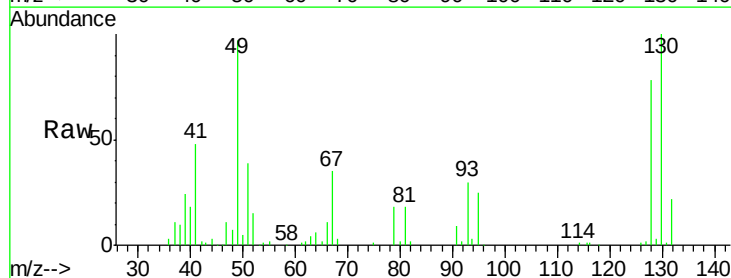
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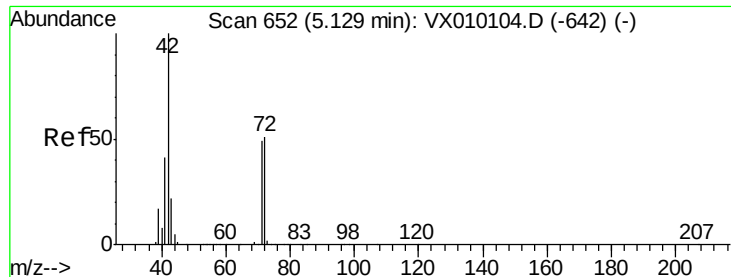


#28

Bromochloromethane
Concen: 19.193 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.01 min
Lab File: VX010340.D
Acq: 18 Jun 2019 14:02

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.1	0.0	3.4
130	101.3	49.4	74.2#





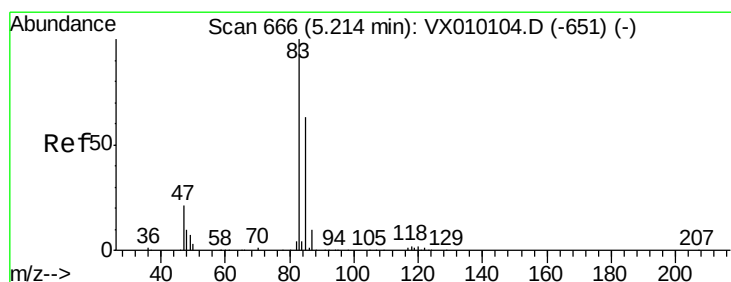
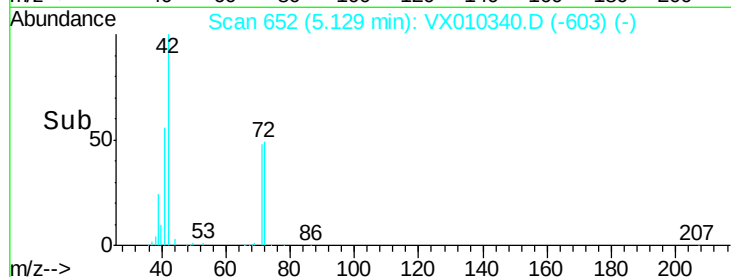
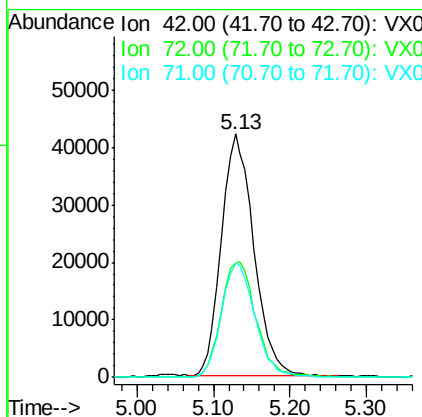
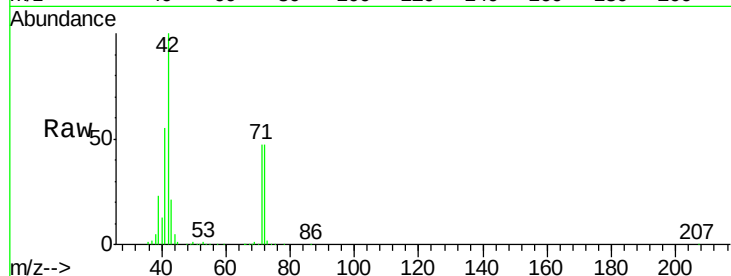
#29
Tetrahydrofuran
Concen: 100.415 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX010340.D
Acq: 18 Jun 2019 14:02

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	51.3	29.2	43.8#
71	48.6	27.6	41.4#

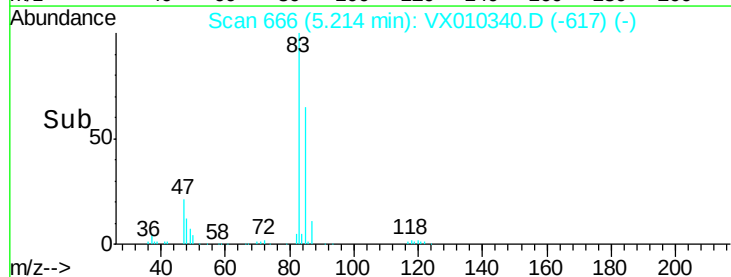
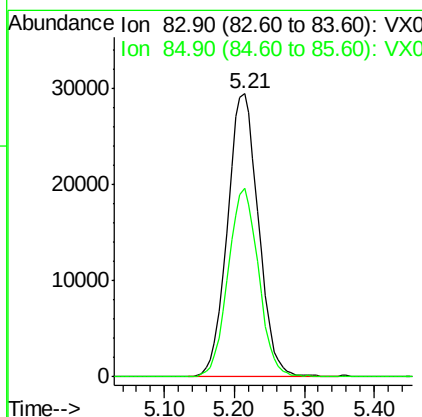
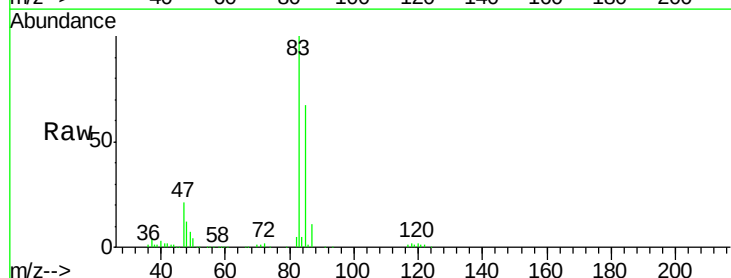
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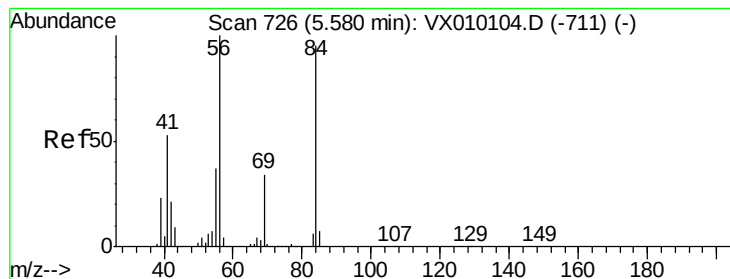
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#30
Chloroform
Concen: 19.332 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX010340.D
Acq: 18 Jun 2019 14:02

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.5	52.6	78.8





#31

Cyclohexane

Concen: 18.045 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX010340.D

Acq: 18 Jun 2019 14:02

Instrument :

MSVOA_X

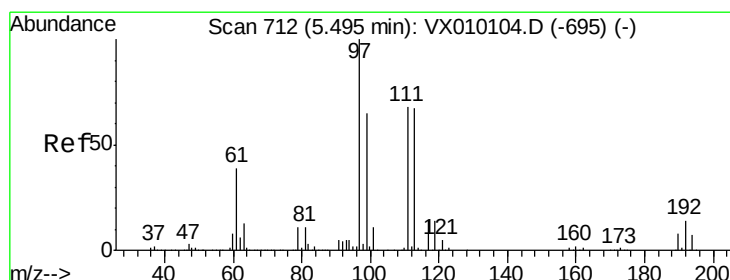
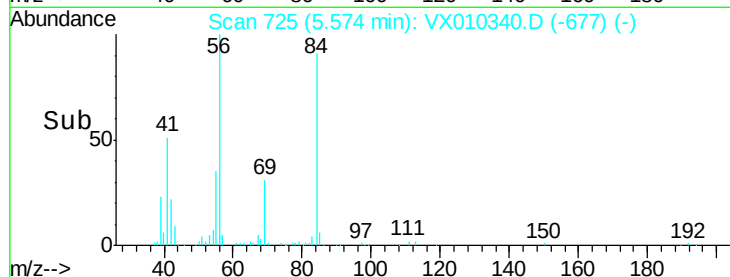
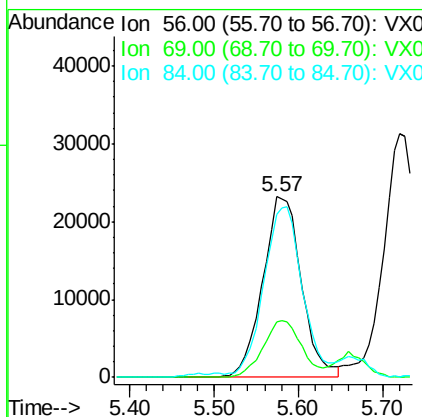
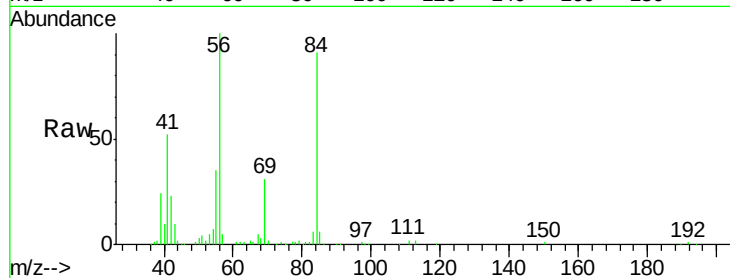
ClientSampleId :

VX0618WBSD01

Tot Ion	56	Resp	73789
Ion	Ratio	Lower	Upper
56	100		
69	30.4	21.6	32.4
84	89.1	56.8	85.2#

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#32

1,1,1-Trichloroethane

Concen: 18.152 ug/l

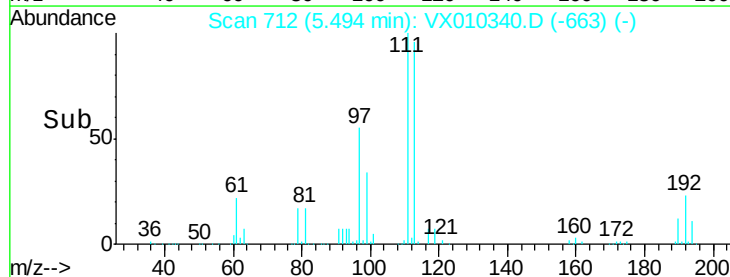
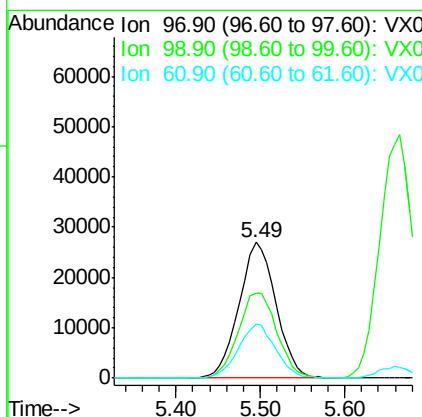
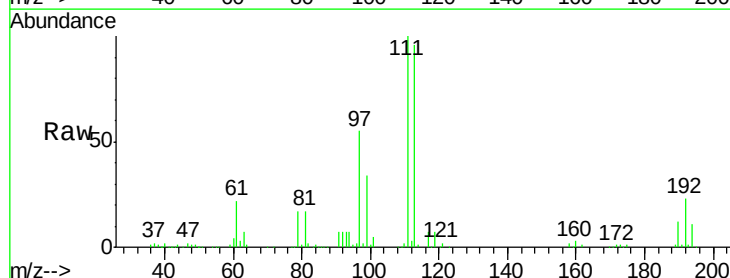
RT: 5.49 min Scan# 712

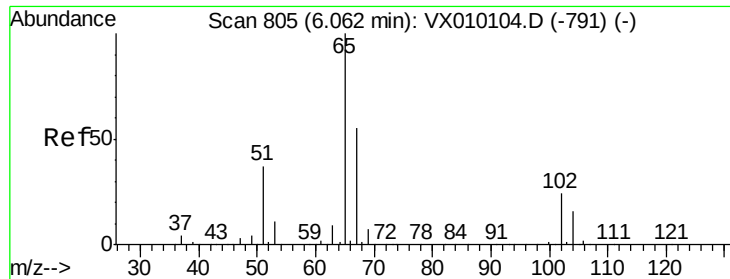
Delta R.T. -0.00 min

Lab File: VX010340.D

Acq: 18 Jun 2019 14:02

Tgt Ion	97	Resp	80296
Ion	Ratio	Lower	Upper
97	100		
99	65.6	51.0	76.4
61	40.2	38.7	58.1





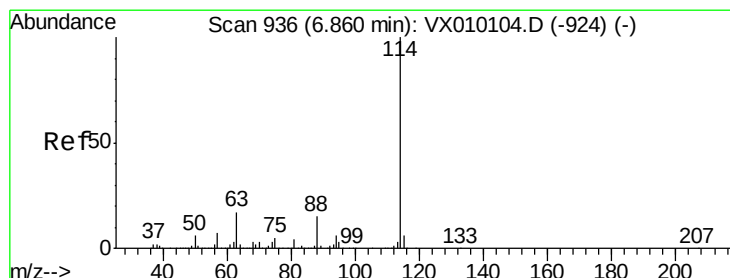
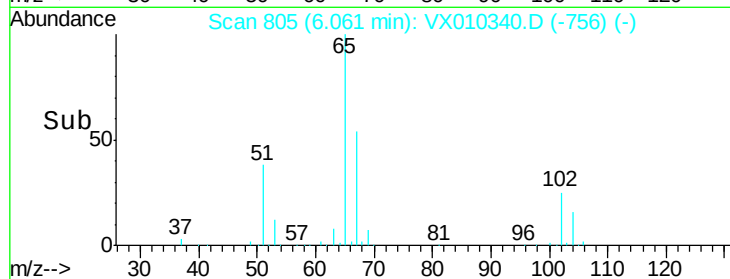
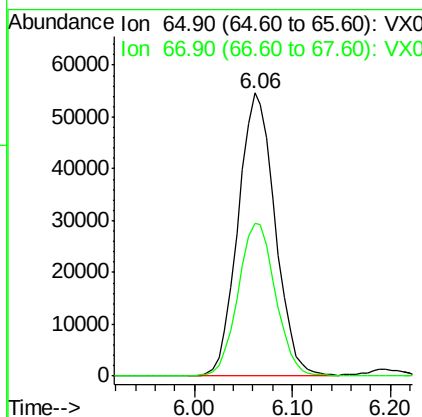
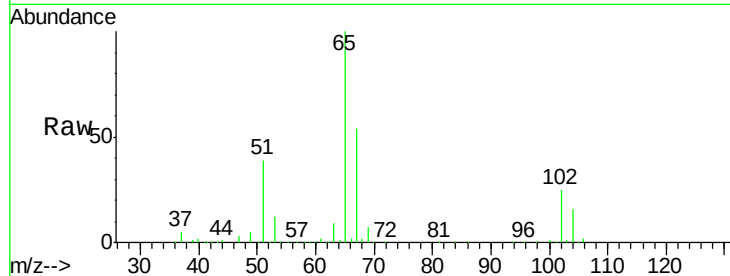
#33
 1,2-Dichloroethane-d4
 Concen: 50.957 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010340.D
 Acq: 18 Jun 2019 14:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0618WBSD01

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.8	0.0	108.4

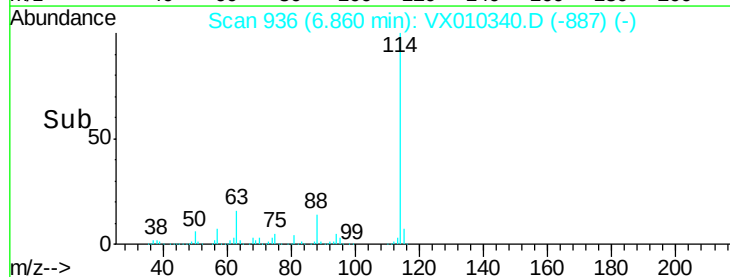
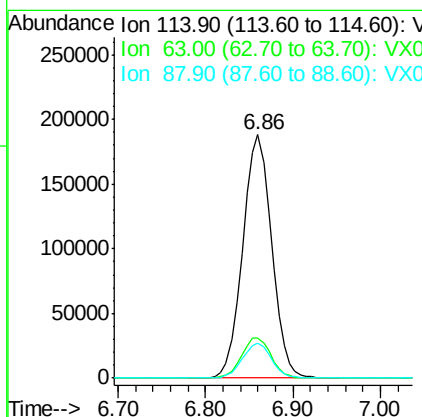
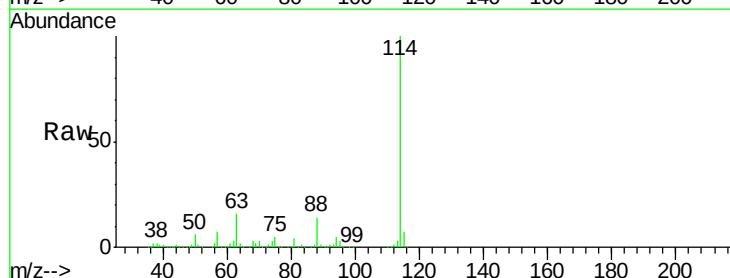
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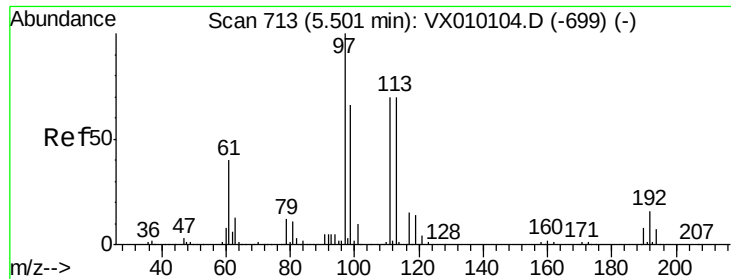
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX010340.D
 Acq: 18 Jun 2019 14:02

Tgt Ion	Ratio	Lower	Upper
114	100		
63	16.4	0.0	47.4
88	14.4	0.0	33.0





#35

Dibromofluoromethane

Concen: 53.090 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010340.D

Acq: 18 Jun 2019 14:02

Instrument :

MSVOA_X

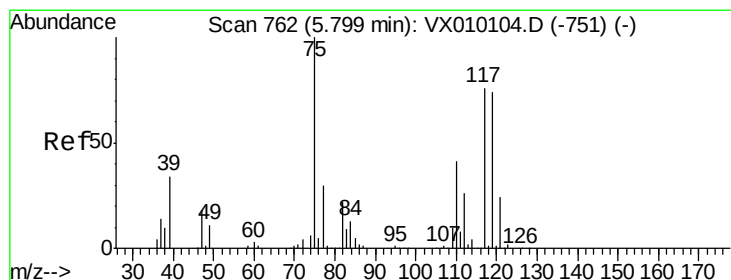
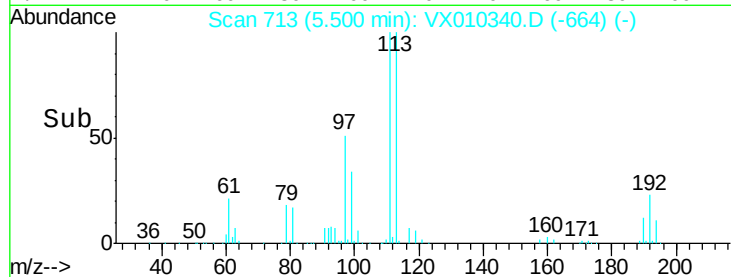
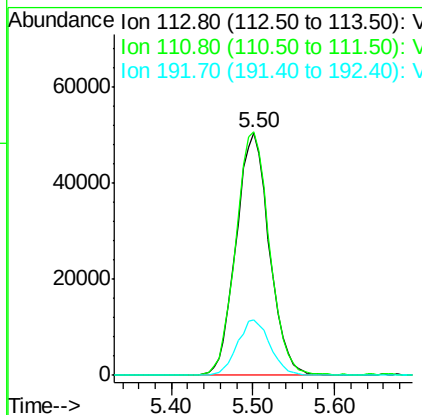
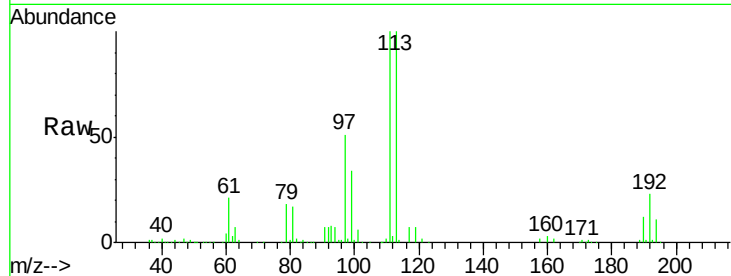
ClientSampleId :

VX0618WBSD01

Tot Ion:	113	Resp:	141817
Ion Ratio	Lower	Upper	
113	100		
111	102.2	82.2	123.2
192	22.9	17.1	25.7

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#36

1,1-Dichloropropene

Concen: 18.000 ug/l

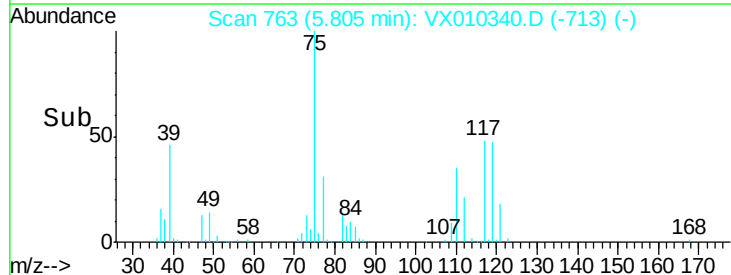
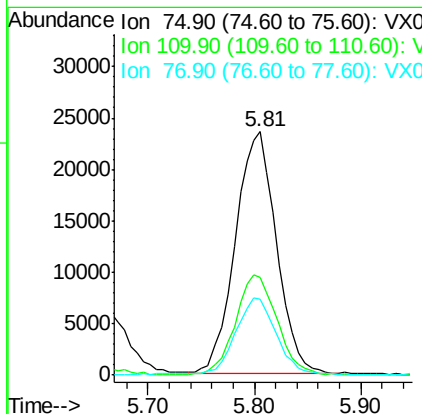
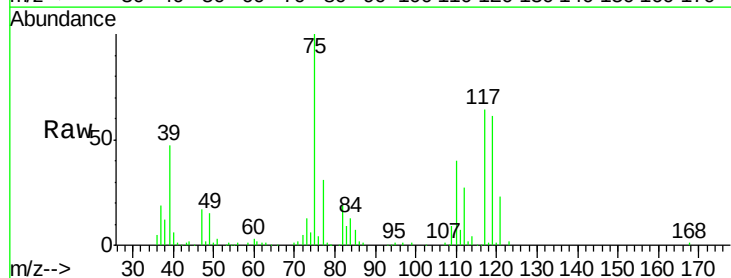
RT: 5.81 min Scan# 763

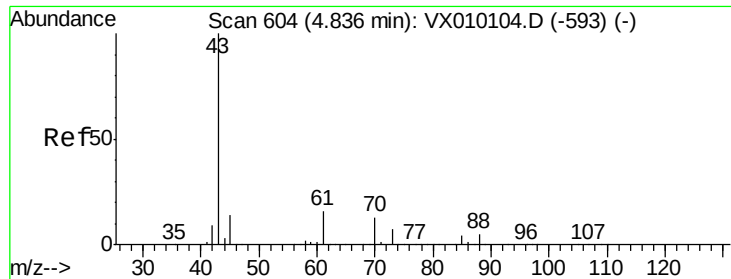
Delta R.T. 0.01 min

Lab File: VX010340.D

Acq: 18 Jun 2019 14:02

Tgt Ion:	75	Resp:	63597
Ion Ratio	Lower	Upper	
75	100		
110	42.1	16.7	50.1
77	31.9	25.0	37.4





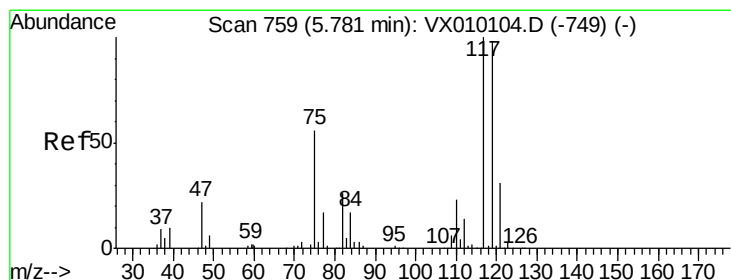
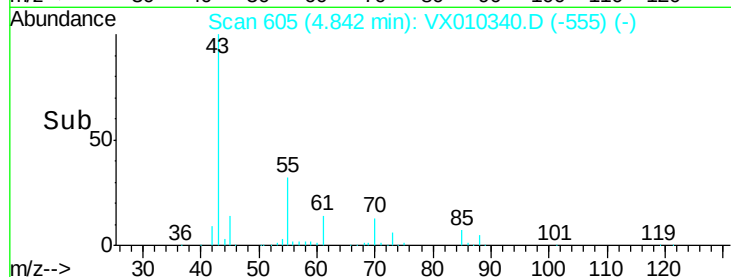
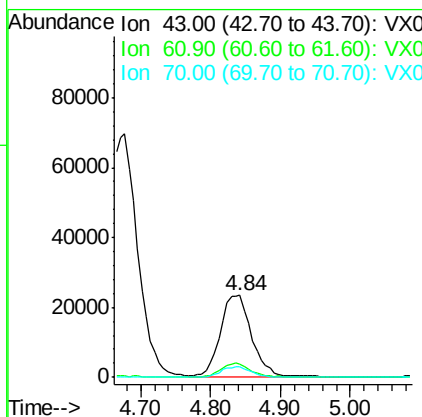
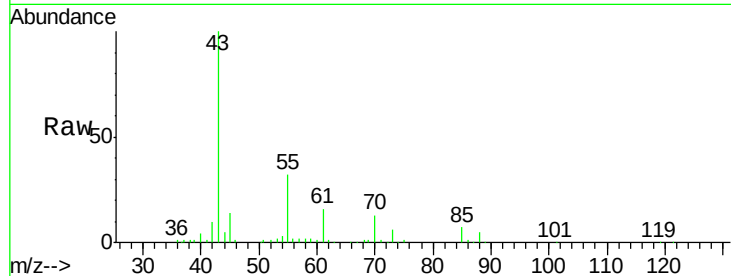
#37
Ethyl Acetate
Concen: 19.724 ug/l
RT: 4.84 min Scan# 605
Delta R.T. 0.01 min
Lab File: VX010340.D
Acq: 18 Jun 2019 14:02

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.2	10.2	15.2#
70	12.7	7.4	11.2#

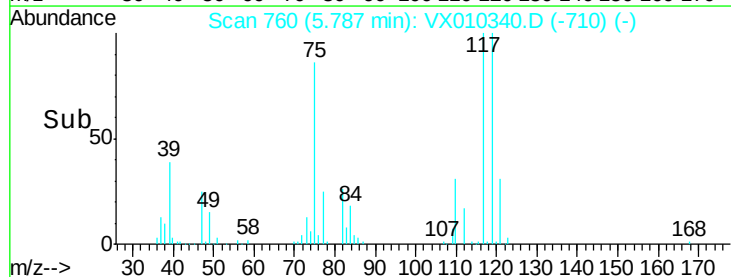
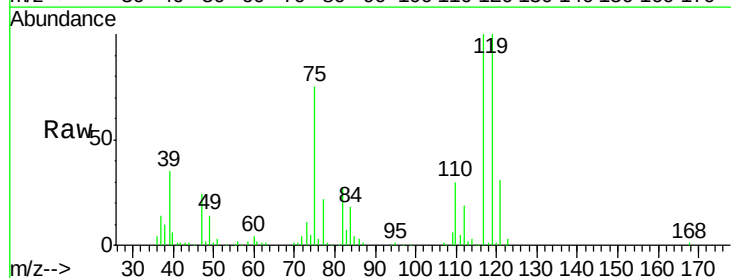
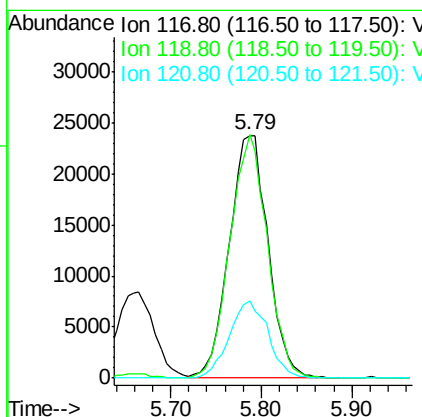
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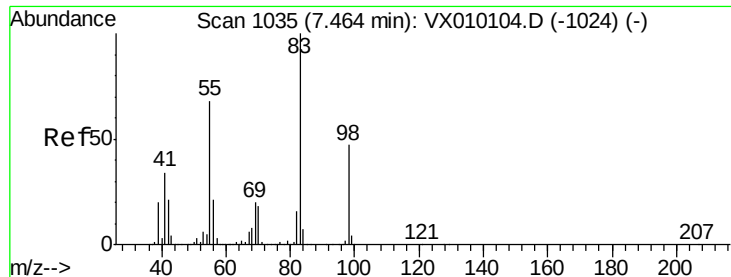
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#38
Carbon Tetrachloride
Concen: 17.637 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX010340.D
Acq: 18 Jun 2019 14:02

Tgt Ion	Ratio	Lower	Upper
117	100		
119	100.0	77.3	115.9
121	31.6	25.4	38.0





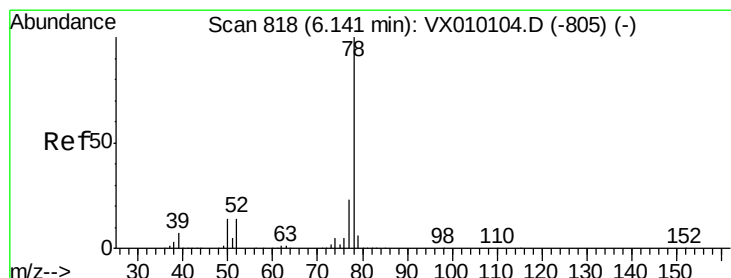
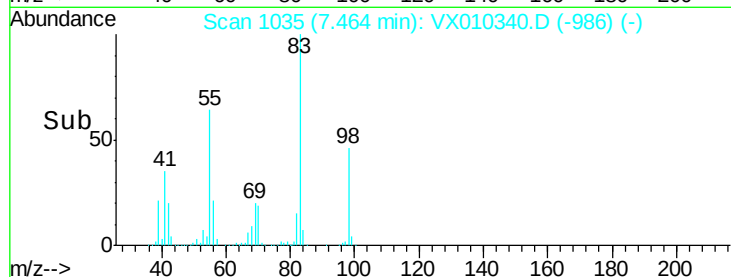
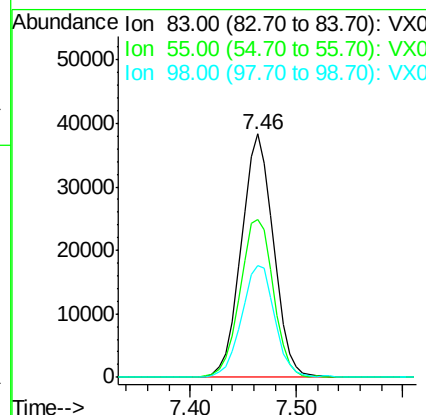
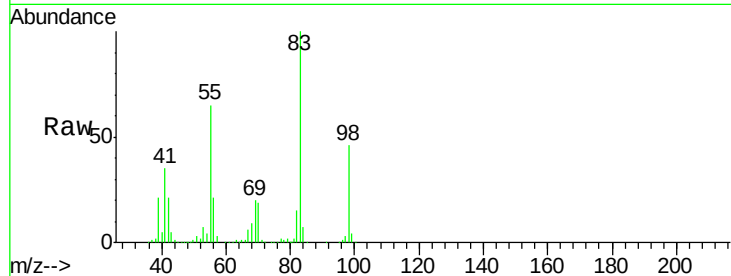
#39
Methylvlcyclohexane
Concen: 16.947 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX010340.D
Acq: 18 Jun 2019 14:02

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	64.5	69.9	104.9#
98	46.2	35.1	52.7

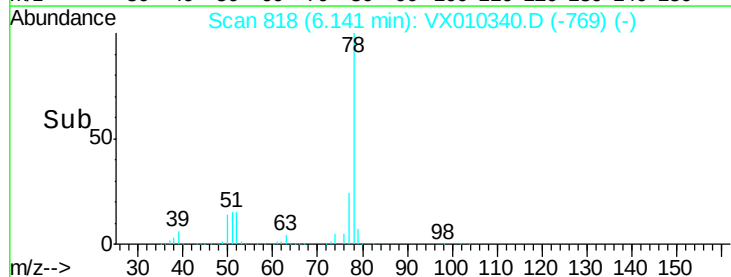
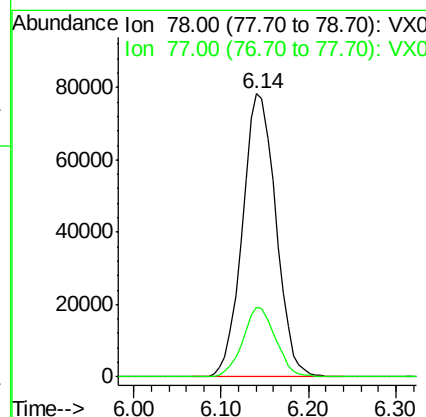
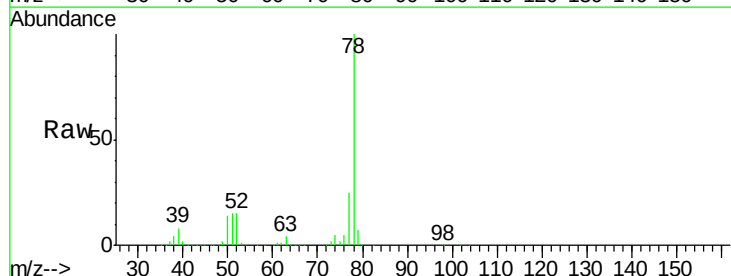
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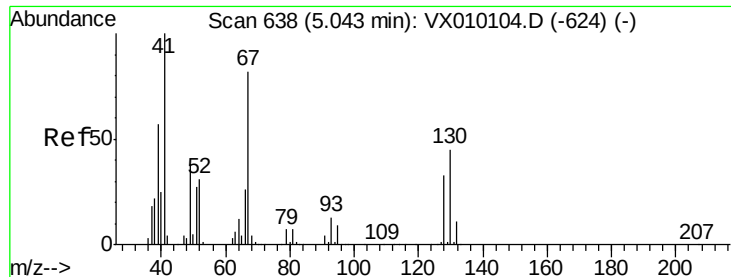
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#40
Benzene
Concen: 19.073 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX010340.D
Acq: 18 Jun 2019 14:02

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.6	19.2	28.8





#41

Methacrylonitrile

Concen: 19.678 ug/l

RT: 5.05 min Scan# 639

Delta R.T. 0.01 min

Lab File: VX010340.D

Acq: 18 Jun 2019 14:02

Instrument :

MSVOA_X

ClientSampleId :

VX0618WBSD01

Tot Ion: 41 Resp: 39130

Ion Ratio Lower Upper

41 100

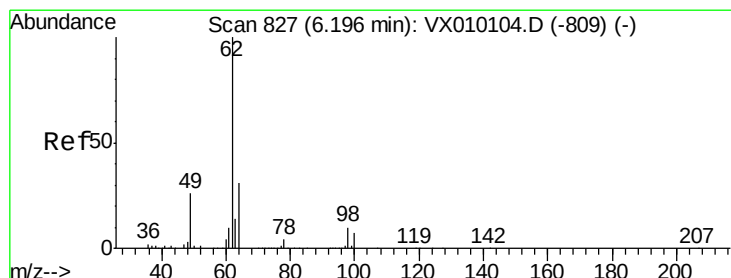
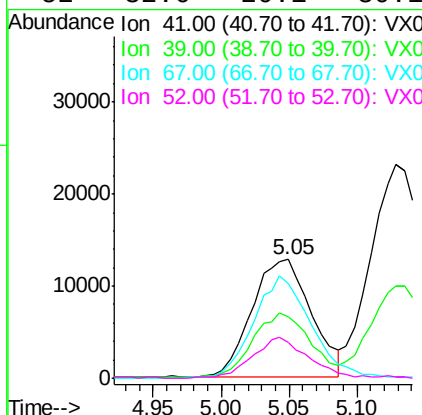
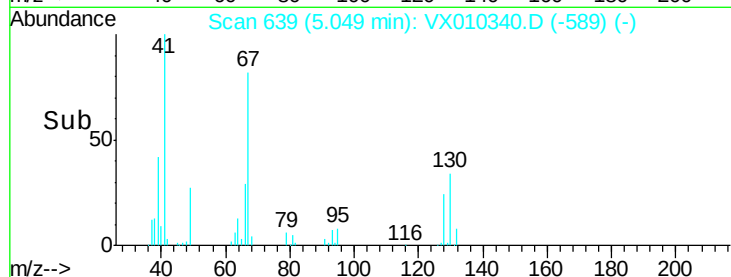
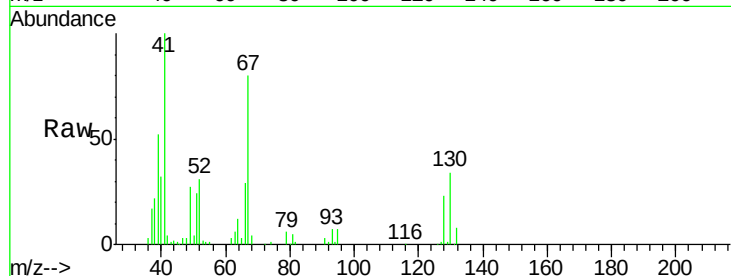
39 53.0 42.2 63.4

67 83.8 48.9 73.3#

52 32.6 20.1 30.1#

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#42

1,2-Dichloroethane

Concen: 19.001 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX010340.D

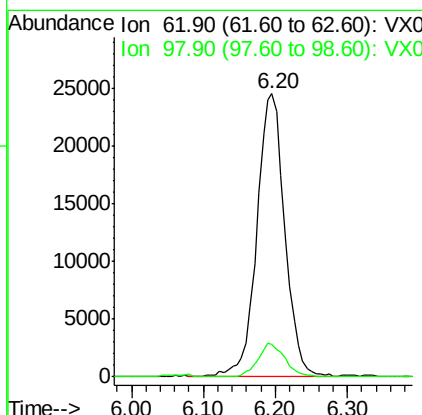
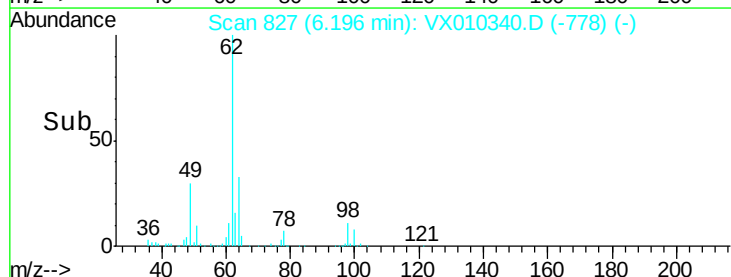
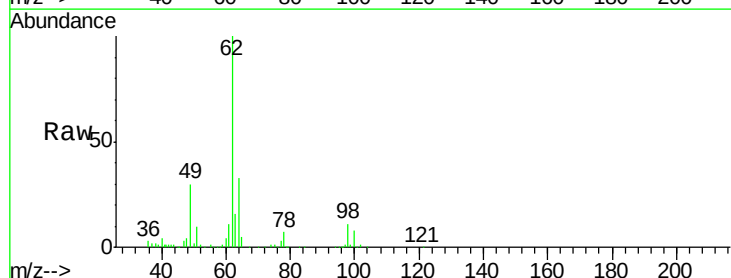
Acq: 18 Jun 2019 14:02

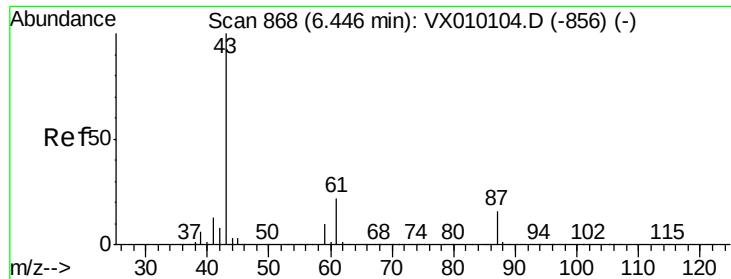
Tgt Ion: 62 Resp: 66274

Ion Ratio Lower Upper

62 100

98 11.6 0.0 17.2





#43

Isopropyl Acetate

Concen: 19.289 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX010340.D

Acq: 18 Jun 2019 14:02

Instrument :

MSVOA_X

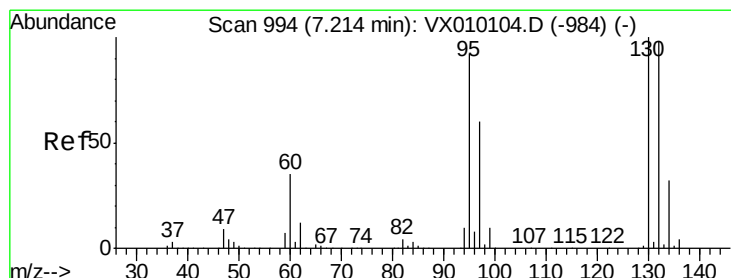
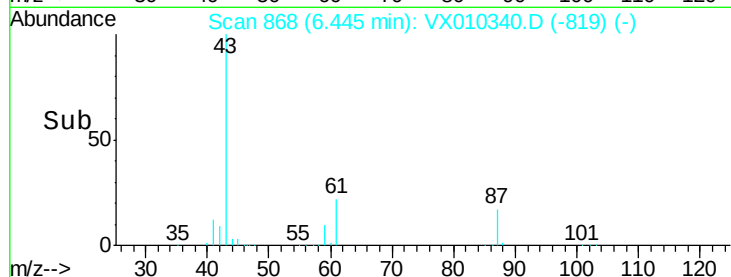
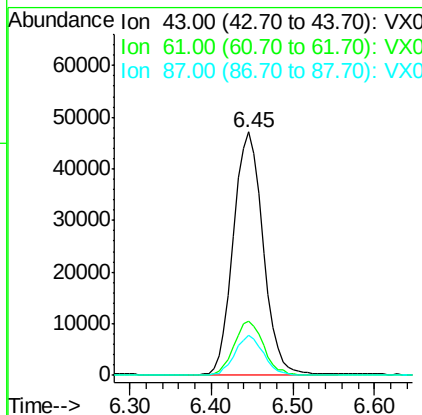
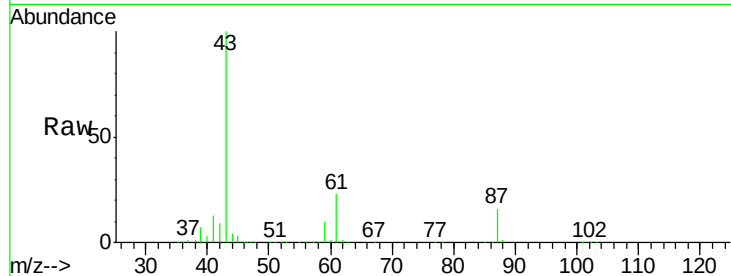
ClientSampleId :

VX0618WBSD01

Tot Ion:	43	Resp:	118562
Ion	Ratio	Lower	Upper
43	100		
61	22.2	14.6	21.8#
87	16.0	8.7	13.1#

Manual Integrations
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6/20/2019 8:58:23 AM



#44

Trichloroethene

Concen: 18.946 ug/l

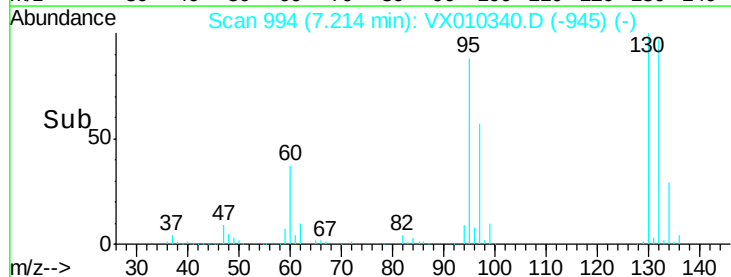
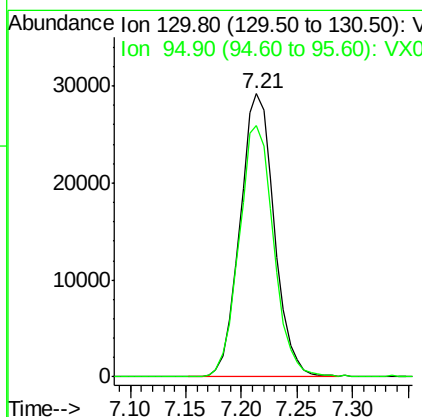
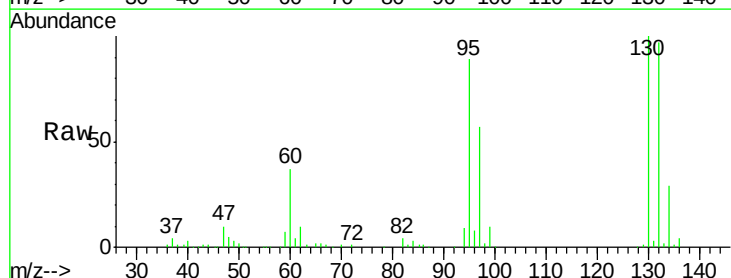
RT: 7.21 min Scan# 994

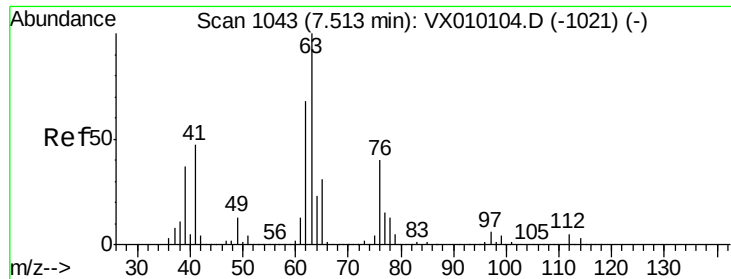
Delta R.T. -0.00 min

Lab File: VX010340.D

Acq: 18 Jun 2019 14:02

Tgt Ion:	130	Resp:	62393
Ion	Ratio	Lower	Upper
130	100		
95	88.8	0.0	207.4





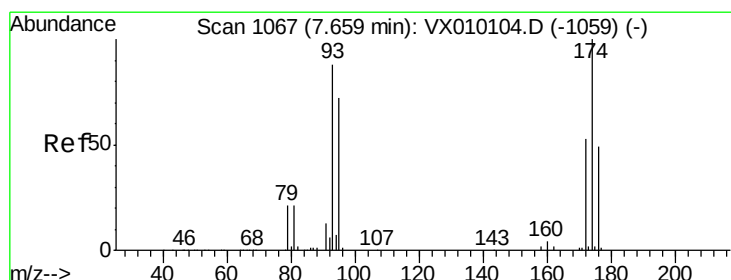
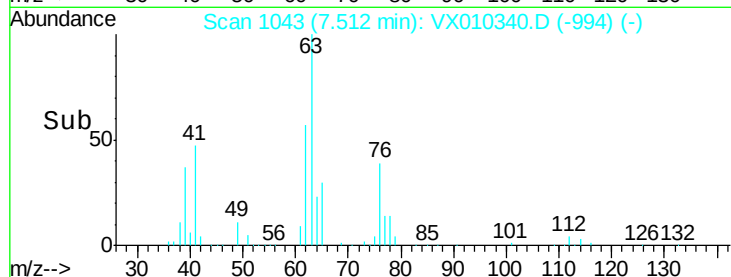
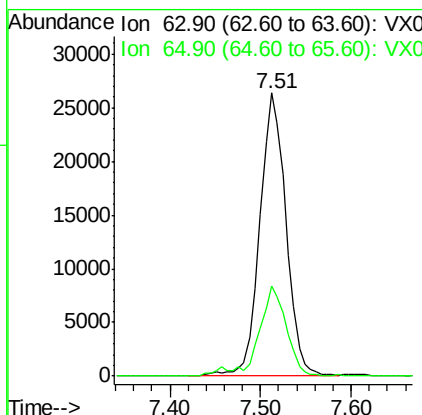
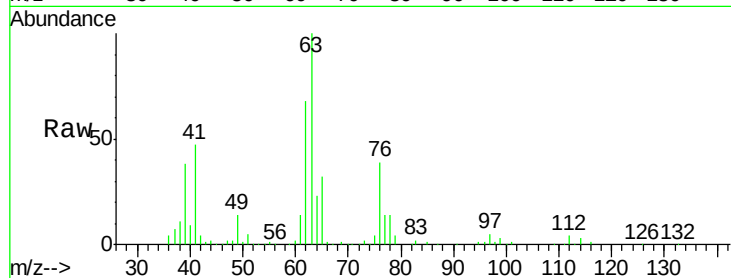
#45
 1,2-Dichloropropane
 Concen: 19.332 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX010340.D
 Acq: 18 Jun 2019 14:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0618WBSD01

Tot Ion: 63 Resp: 52864
 Ion Ratio Lower Upper
 63 100
 65 31.6 25.7 38.5

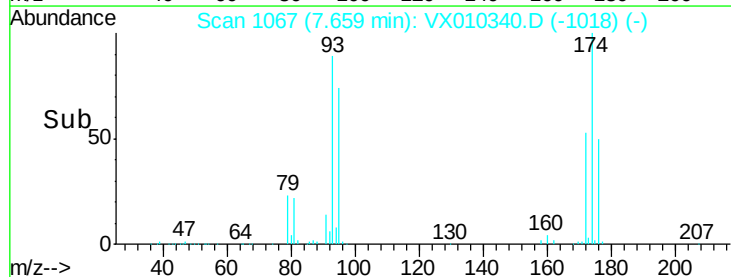
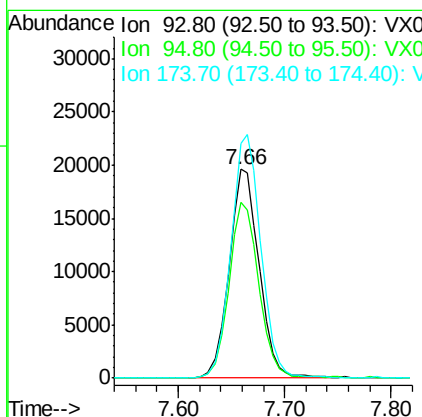
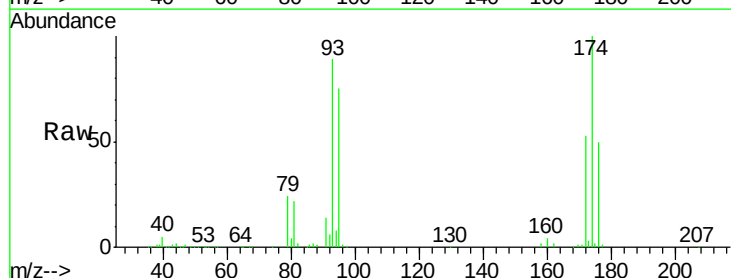
Manual Integrations
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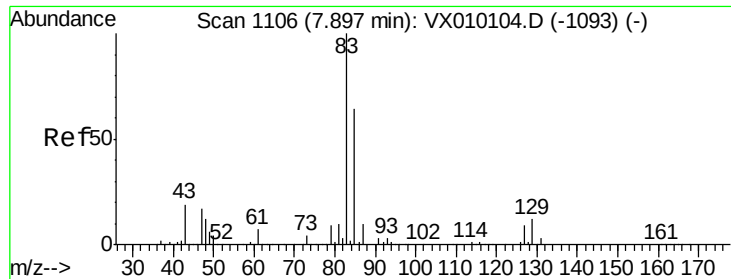
MMDadoda
 6/20/2019 8:58:23 AM



#46
 Dibromomethane
 Concen: 18.953 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX010340.D
 Acq: 18 Jun 2019 14:02

Tgt Ion: 93 Resp: 38828
 Ion Ratio Lower Upper
 93 100
 95 83.7 66.8 100.2
 174 116.5 81.9 122.9





#47

Bromodichloromethane

Concen: 18.227 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX010340.D

Acq: 18 Jun 2019 14:02

Instrument :

MSVOA_X

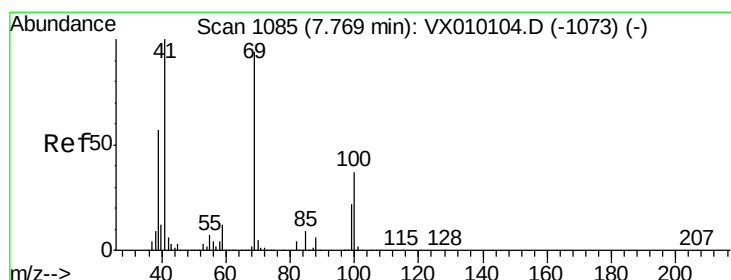
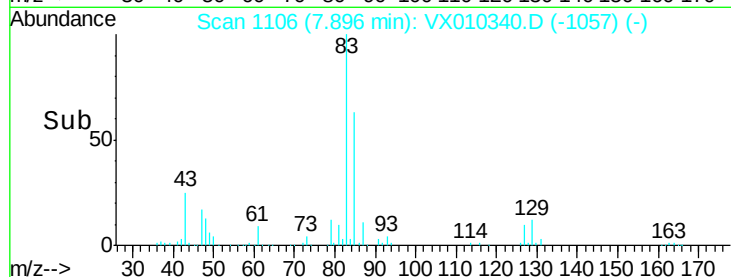
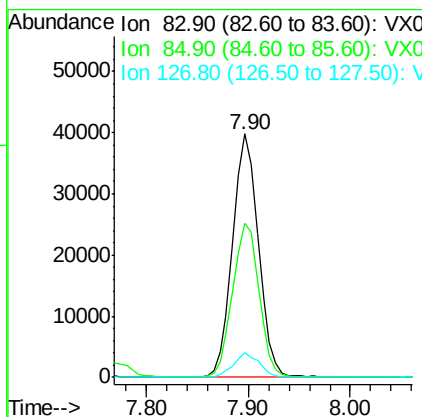
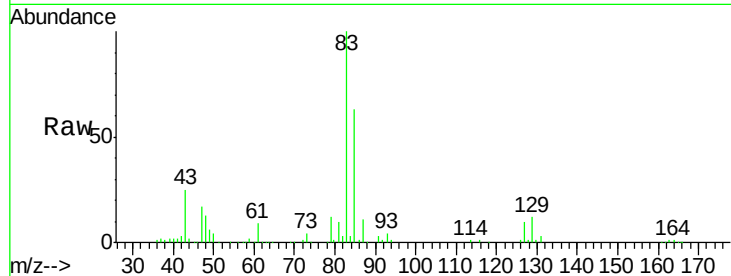
ClientSampleId :

VX0618WBSD01

Tot Ion:	83	Resp:	69772
Ion	Ratio	Lower	Upper
83	100		
85	63.3	51.4	77.2
127	10.2	6.4	9.6#

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#48

Methyl methacrylate

Concen: 19.631 ug/l

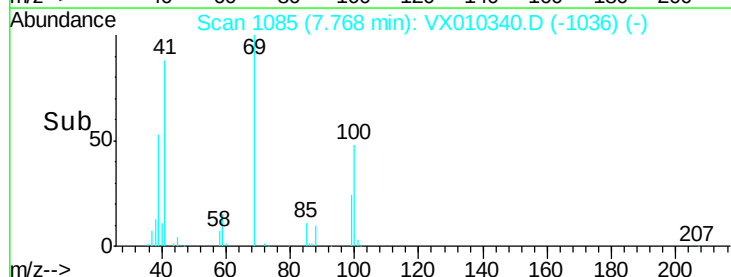
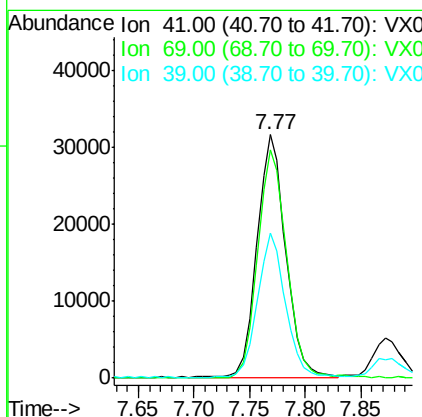
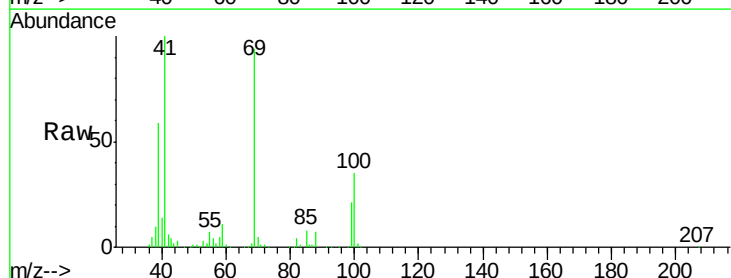
RT: 7.77 min Scan# 1085

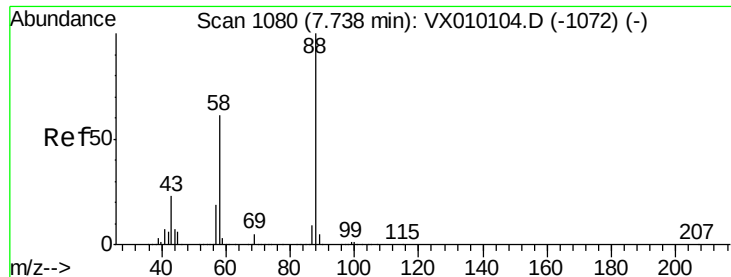
Delta R.T. -0.00 min

Lab File: VX010340.D

Acq: 18 Jun 2019 14:02

Tgt Ion:	41	Resp:	56431
Ion	Ratio	Lower	Upper
41	100		
69	96.2	56.4	84.6#
39	58.2	40.6	60.8





#49

1,4-Dioxane

Concen: 404.494 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.00 min

Lab File: VX010340.D

Acq: 18 Jun 2019 14:02

Instrument :

MSVOA_X

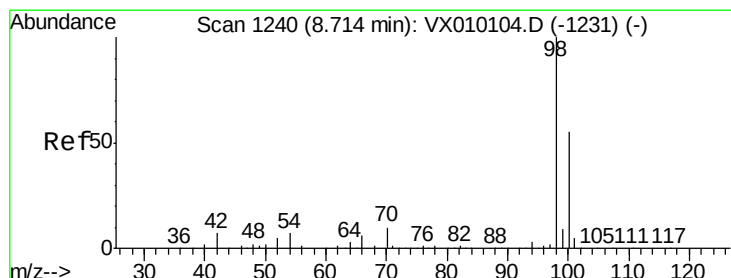
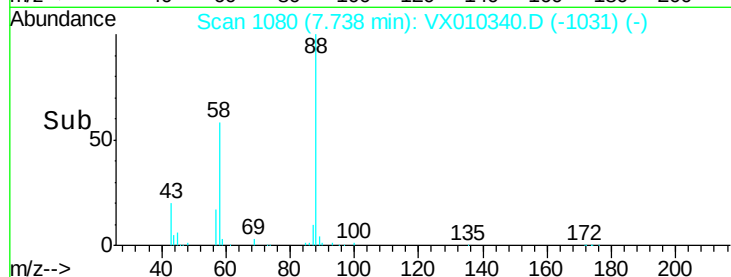
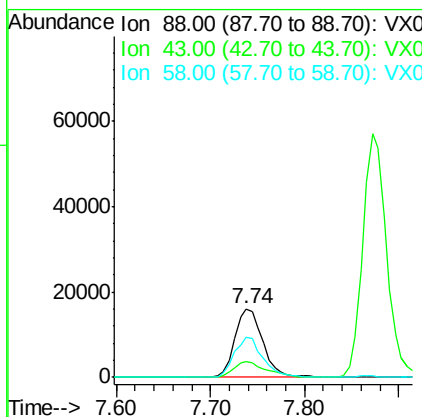
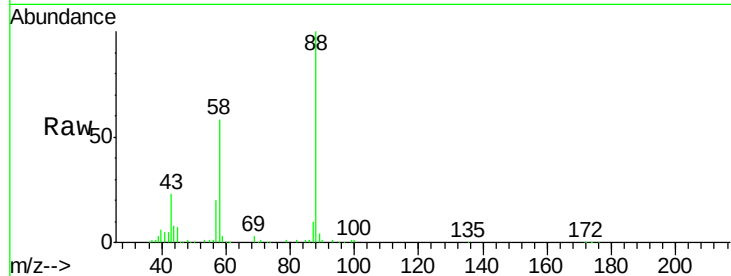
ClientSampled :

VX0618WBSD01

Tot Ion:	88	Resp:	33151
Ion Ratio	Lower	Upper	
88	100		
43	24.9	30.2	45.4#
58	60.0	64.0	96.0#

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#50

Toluene-d8

Concen: 52.874 ug/l

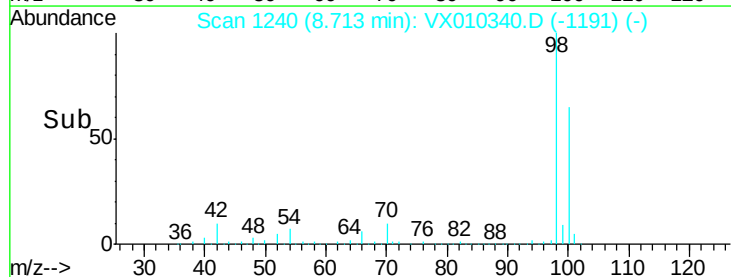
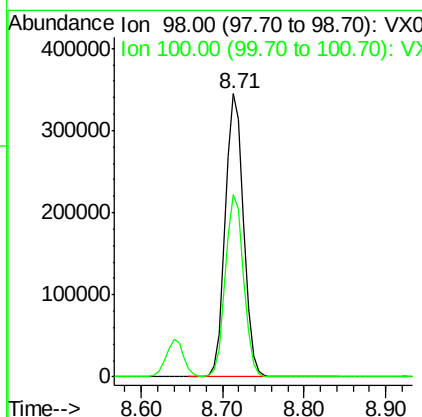
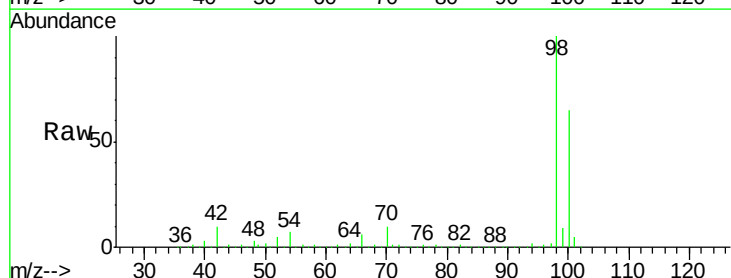
RT: 8.71 min Scan# 1240

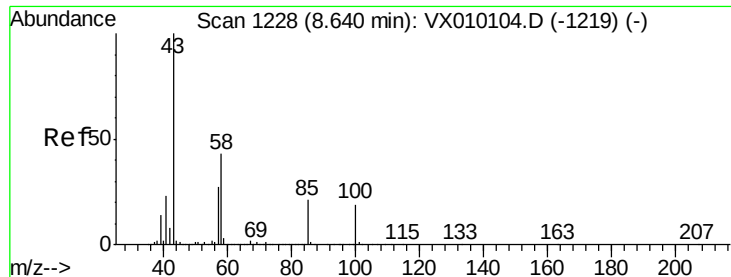
Delta R.T. 0.00 min

Lab File: VX010340.D

Acq: 18 Jun 2019 14:02

Tgt Ion:	98	Resp:	529349
Ion Ratio	Lower	Upper	
98	100		
100	64.5	51.5	77.3





#51

4-Methyl-2-Pentanone

Concen: 106.184 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX010340.D

Acq: 18 Jun 2019 14:02

Instrument :

MSVOA_X

ClientSampleId :

VX0618WBSD01

Tot Ion: 43 Resp: 389901

Ion Ratio Lower Upper

43 100

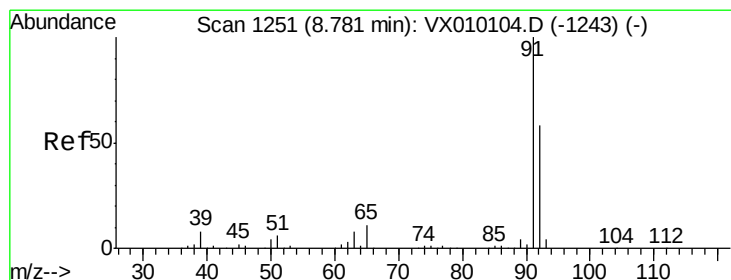
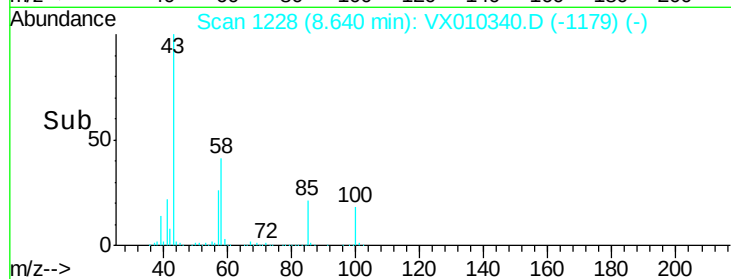
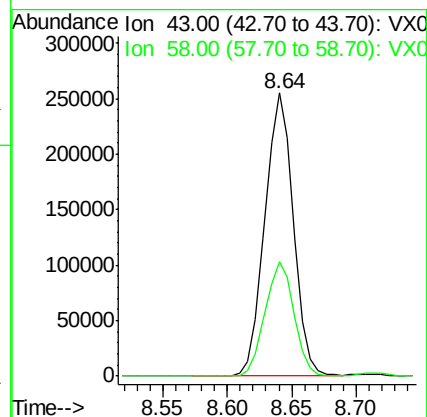
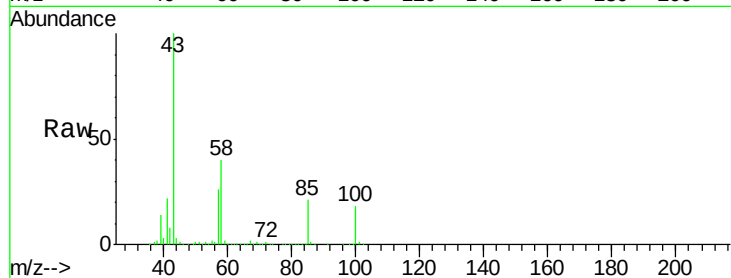
58 40.9 28.8 43.2

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#52

Toluene

Concen: 19.262 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX010340.D

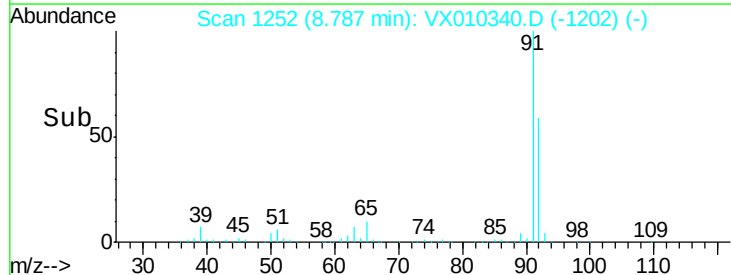
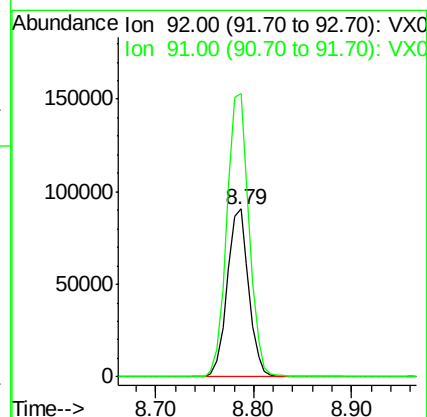
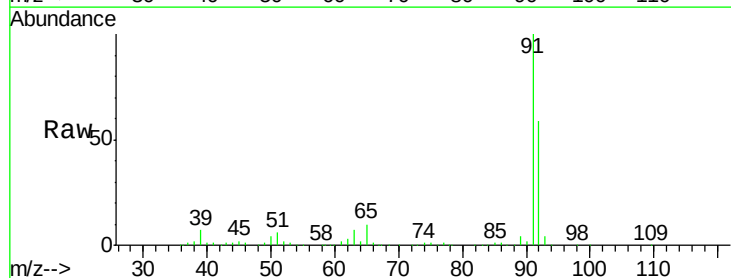
Acq: 18 Jun 2019 14:02

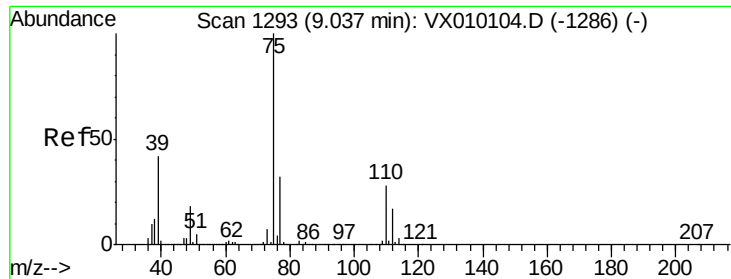
Tgt Ion: 92 Resp: 138336

Ion Ratio Lower Upper

92 100

91 174.4 139.9 209.9





#53

t-1,3-Dichloropropene

Concen: 17.243 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.01 min

Lab File: VX010340.D

Acq: 18 Jun 2019 14:02

Instrument :

MSVOA_X

ClientSampleId :

VX0618WBSD01

Tot Ion: 75 Resp: 76348

Ion Ratio Lower Upper

75 100

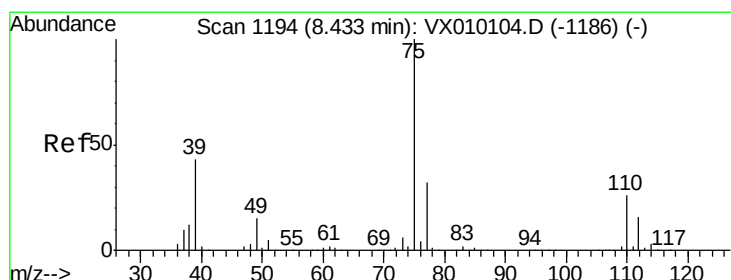
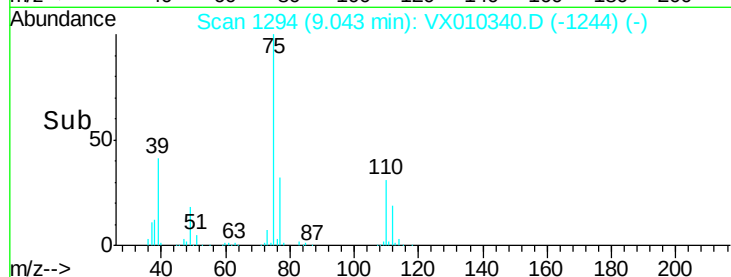
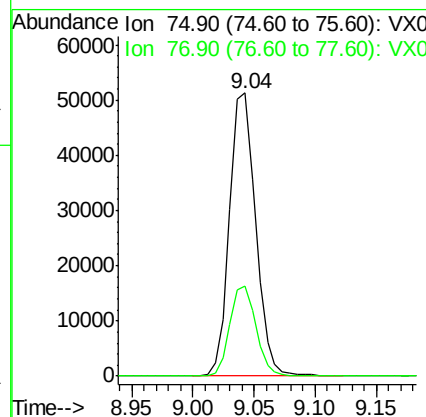
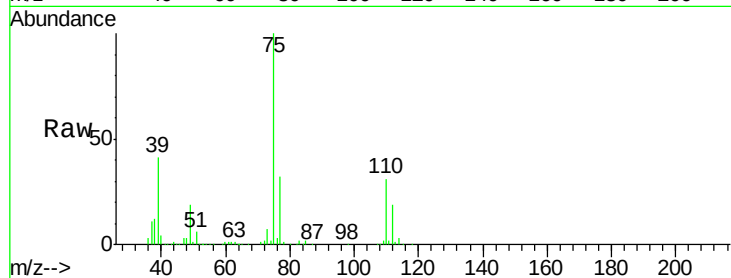
77 32.0 24.6 36.8

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#54

cis-1,3-Dichloropropene

Concen: 17.755 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX010340.D

Acq: 18 Jun 2019 14:02

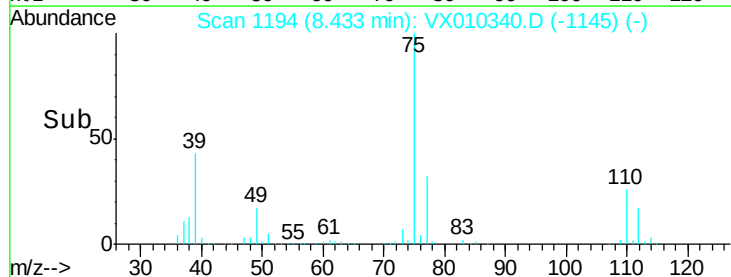
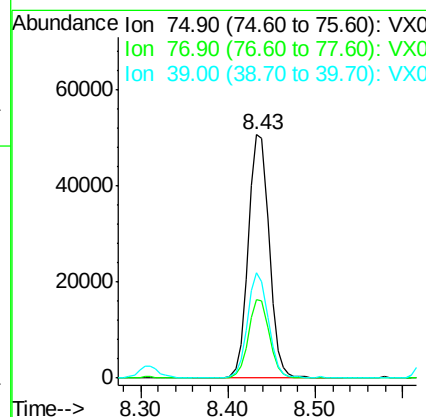
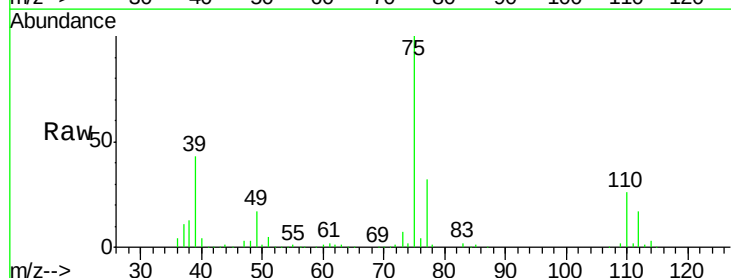
Tgt Ion: 75 Resp: 84280

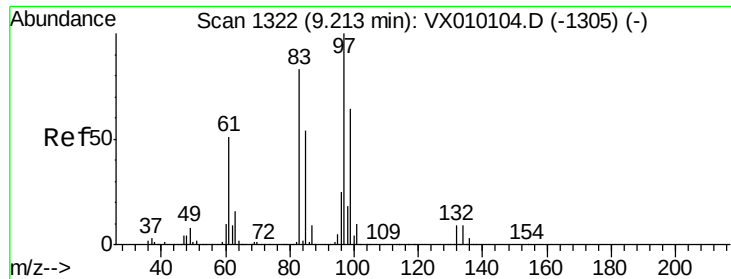
Ion Ratio Lower Upper

75 100

77 32.2 24.8 37.2

39 43.1 43.4 65.0#





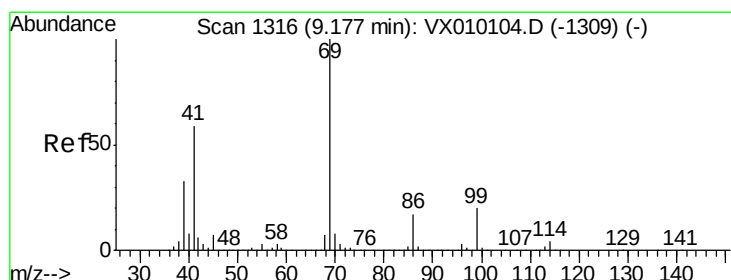
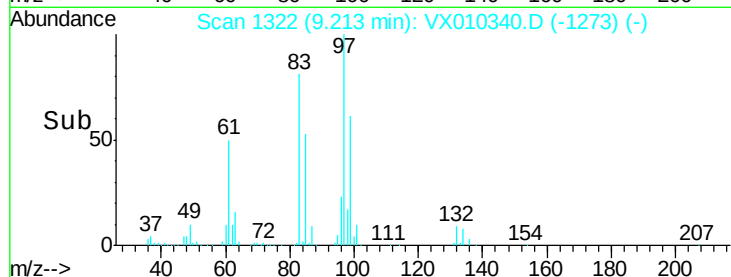
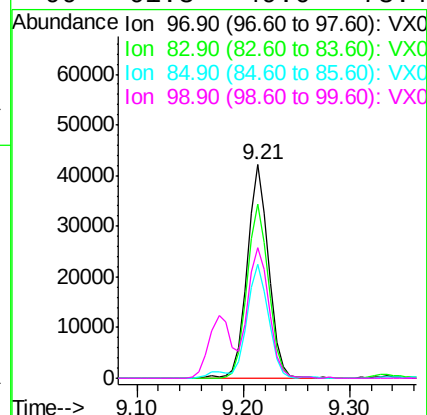
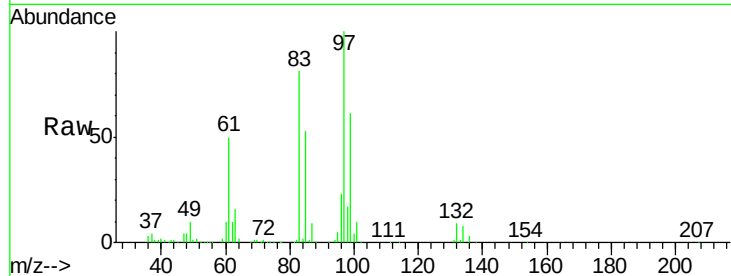
#55
 1,1,2-Trichloroethane
 Concen: 20.306 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX010340.D
 Acq: 18 Jun 2019 14:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0618WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		59723		
83	81.4	69.8	104.8		
85	53.0	45.3	67.9		
99	61.3	49.0	73.4		

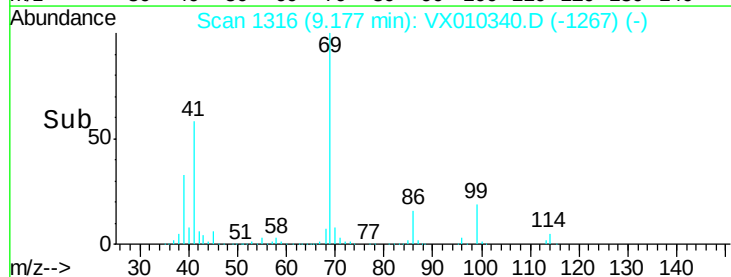
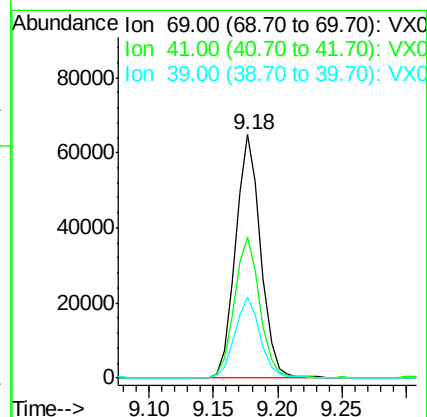
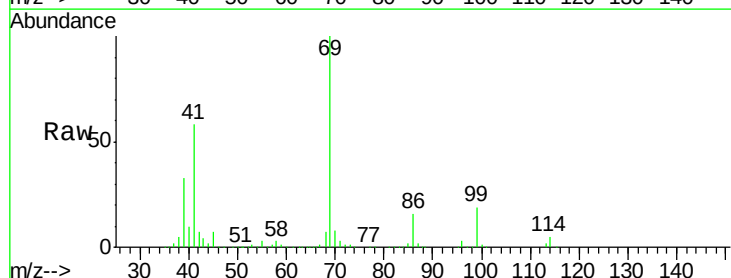
Manual Integrations
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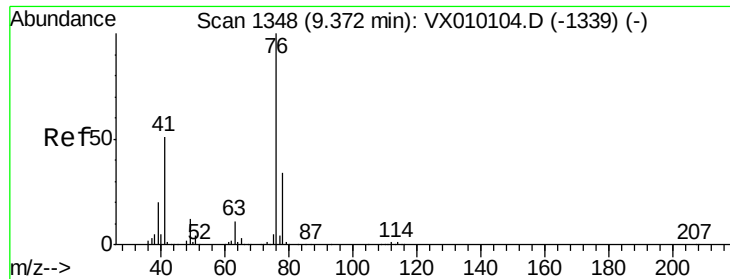
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#56
 Ethyl methacrylate
 Concen: 19.022 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX010340.D
 Acq: 18 Jun 2019 14:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		88379		
41	58.1	62.7	94.1#		
39	33.5	29.5	44.3		





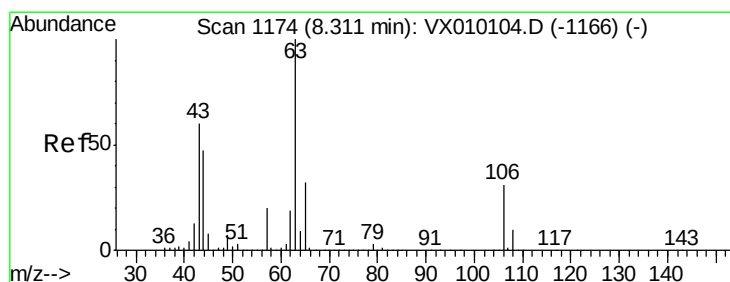
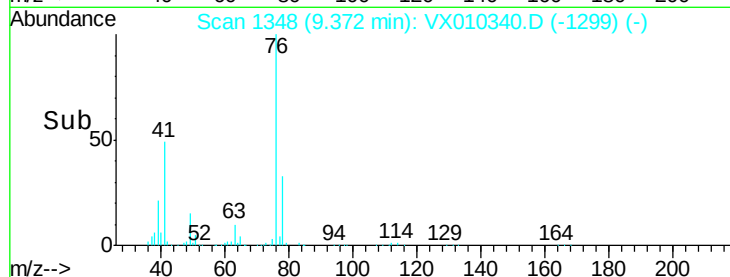
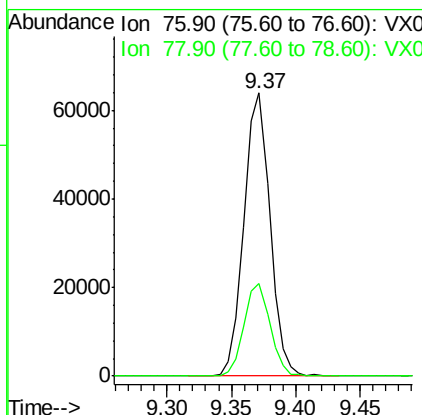
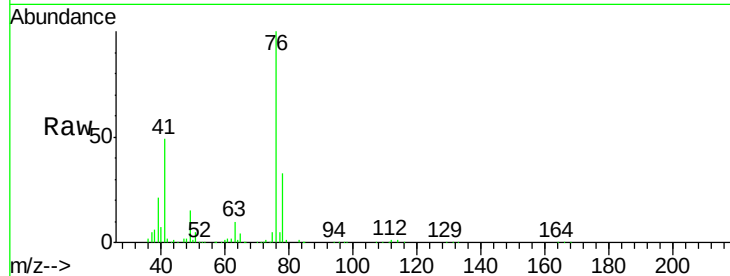
#57
 1,3-Dichloropropane
 Concen: 19.307 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX010340.D
 Acq: 18 Jun 2019 14:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0618WBSD01

Tot Ion: 76 Resp: 89399
 Ion Ratio Lower Upper
 76 100
 78 33.0 25.4 38.0

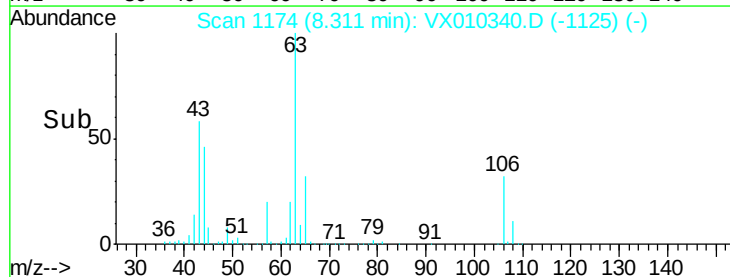
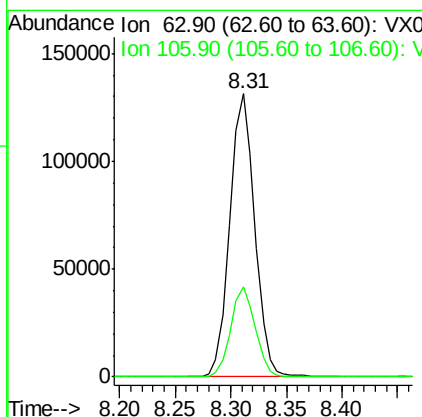
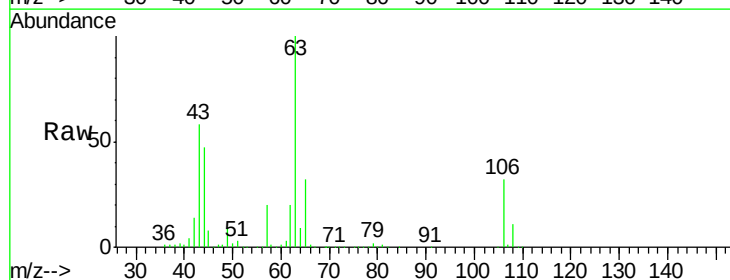
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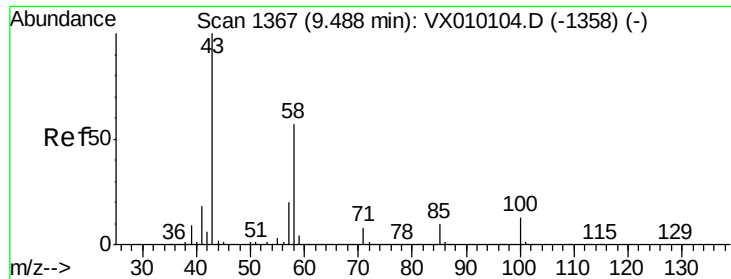
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 6/20/2019 8:58:23 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 93.060 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX010340.D
 Acq: 18 Jun 2019 14:02

Tgt Ion: 63 Resp: 203826
 Ion Ratio Lower Upper
 63 100
 106 31.3 19.4 29.2#





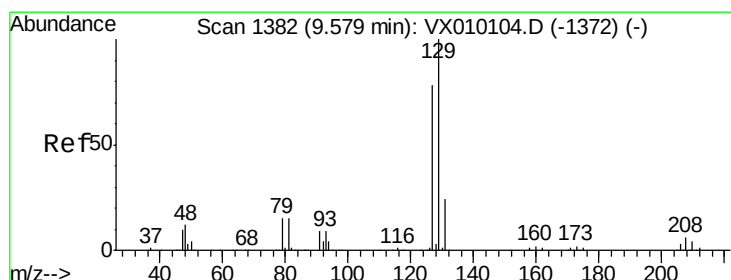
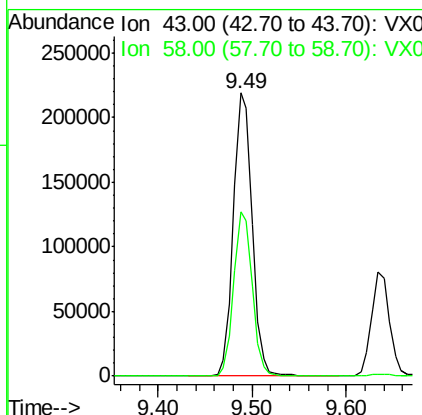
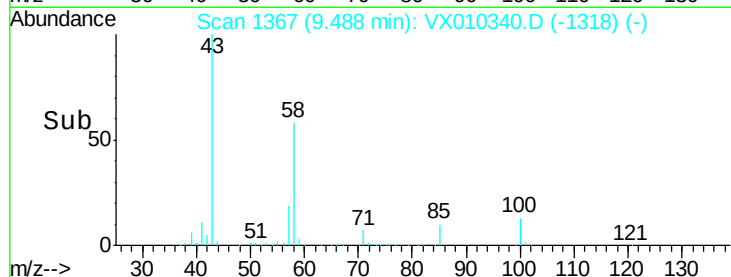
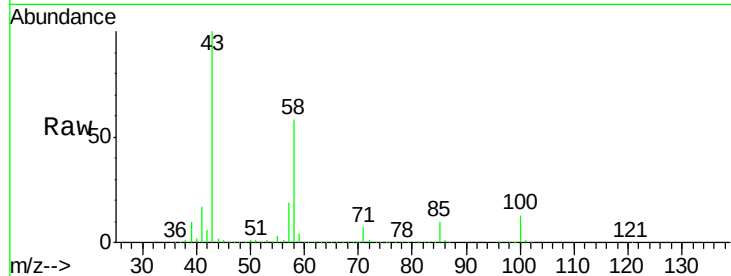
#59
2-Hexanone
Concen: 103.349 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX010340.D
Acq: 18 Jun 2019 14:02

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBSD01

Tot Ion: 43 Resp: 302572
Ion Ratio Lower Upper
43 100
58 57.8 25.1 75.3

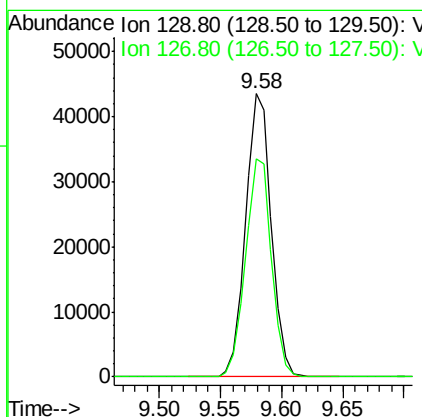
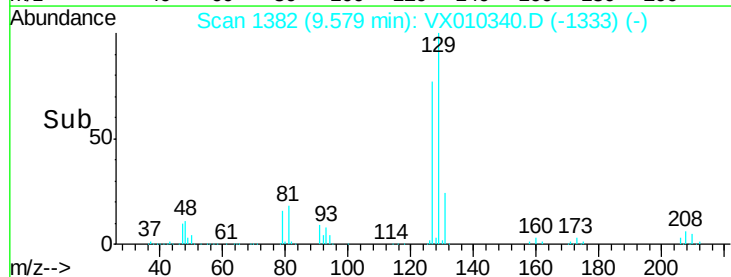
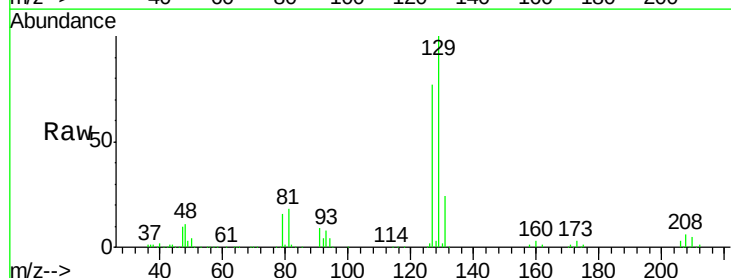
Manual Integrations
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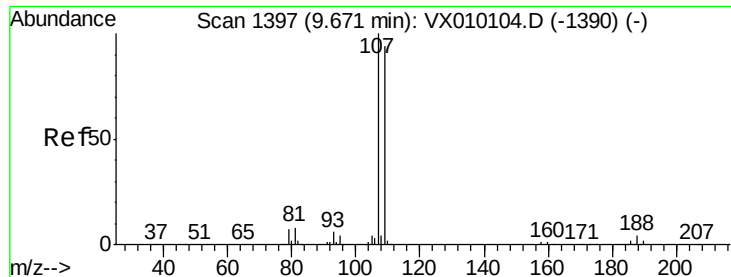
MMDadoda
6/20/2019 8:58:23 AM



#60
Dibromochloromethane
Concen: 18.225 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX010340.D
Acq: 18 Jun 2019 14:02

Tgt Ion:129 Resp: 63403
Ion Ratio Lower Upper
129 100
127 78.1 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.043 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX010340.D

Acq: 18 Jun 2019 14:02

Instrument :

MSVOA_X

ClientSampleId :

VX0618WBSD01

Tot Ion:107 Resp: 62380

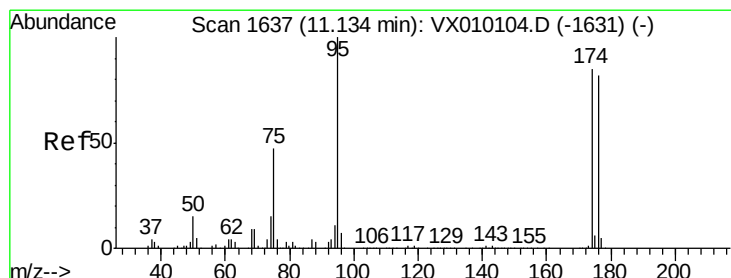
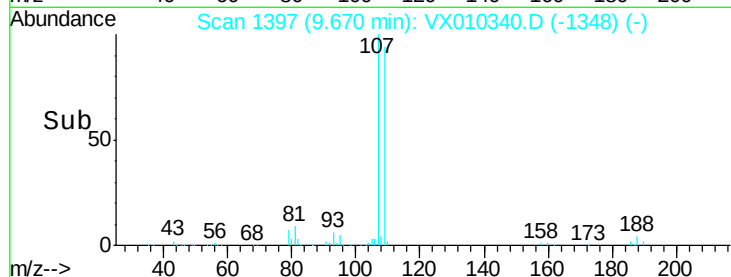
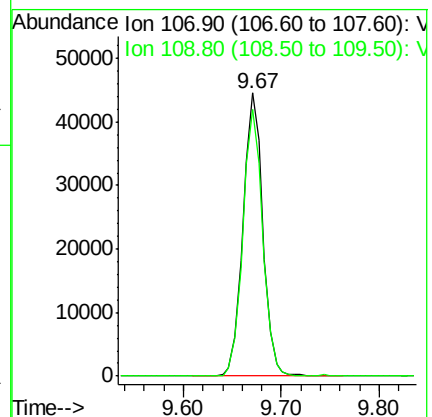
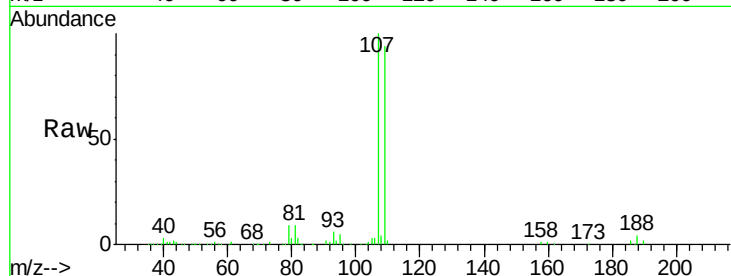
Ion Ratio Lower Upper

107 100

109 94.6 75.4 113.2

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#62

4-Bromofluorobenzene

Concen: 51.148 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010340.D

Acq: 18 Jun 2019 14:02

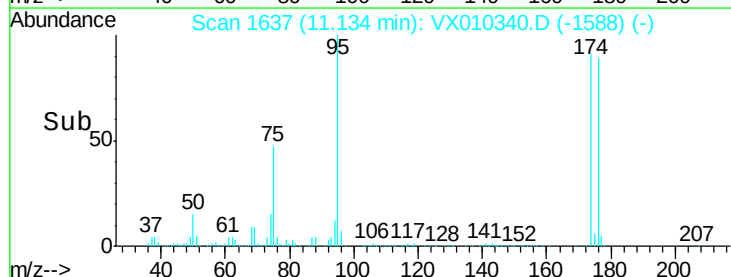
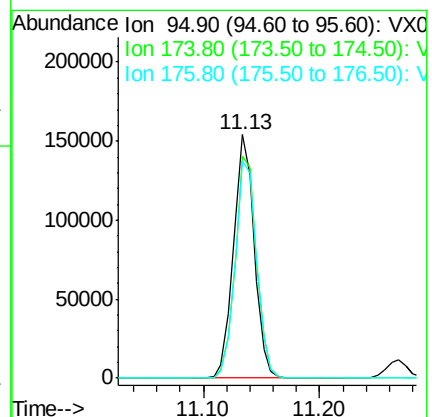
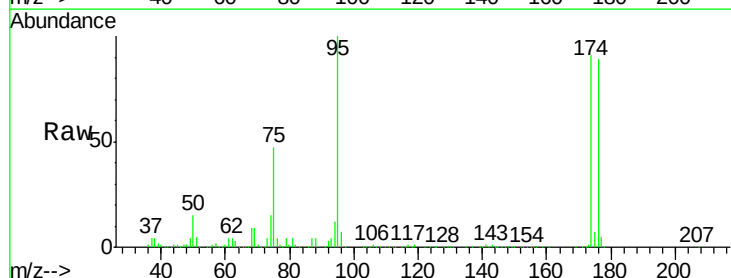
Tgt Ion: 95 Resp: 191234

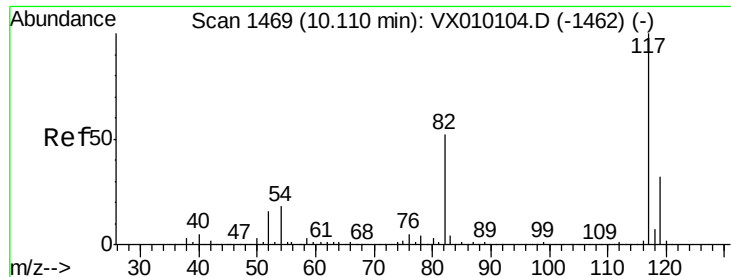
Ion Ratio Lower Upper

95 100

174 93.7 0.0 160.4

176 92.8 0.0 154.6





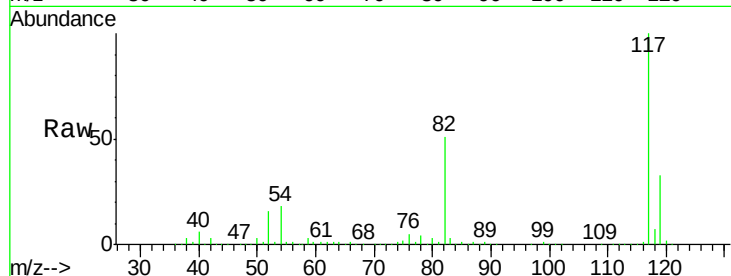
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010340.D
Acq: 18 Jun 2019 14:02

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.9	49.2	73.8
119	33.1	25.2	37.8

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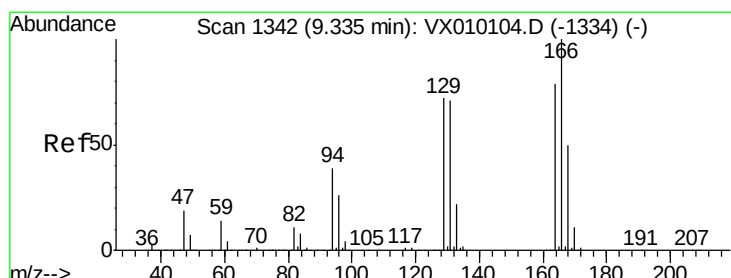
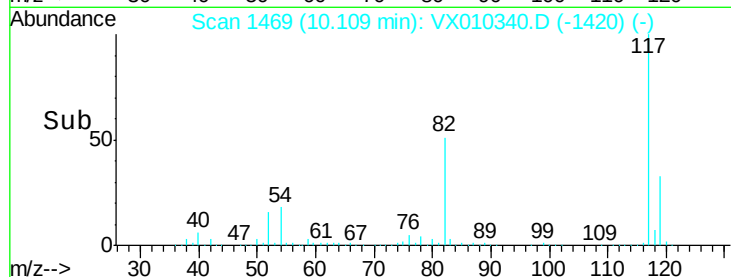
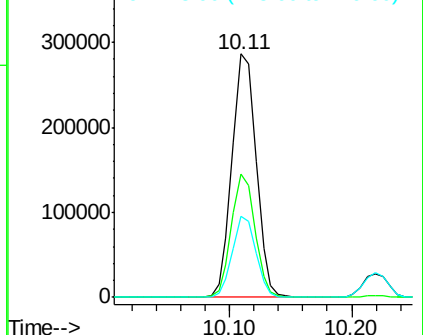


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 21.606 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010340.D
Acq: 18 Jun 2019 14:02

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.2	105.0	157.4
129	89.8	75.1	112.7
131	86.3	72.2	108.4

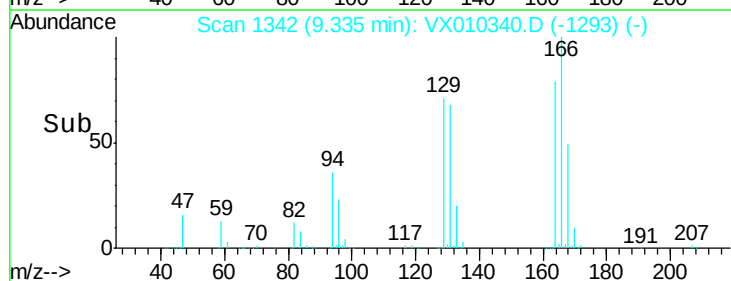
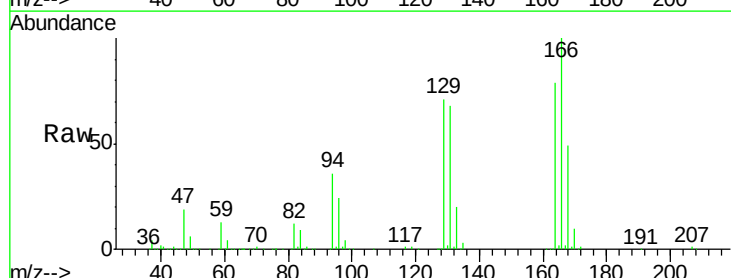
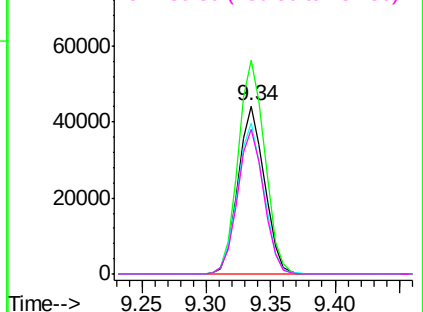
Abundance

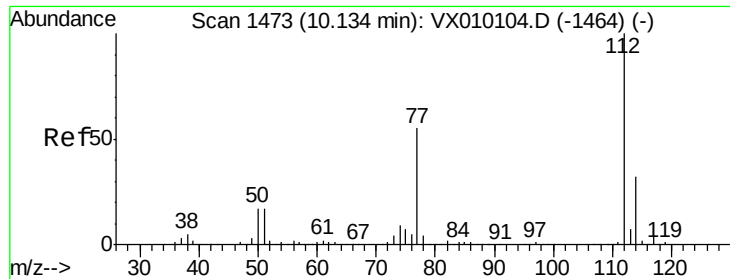
Ion 163.80 (163.50 to 164.50): V

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





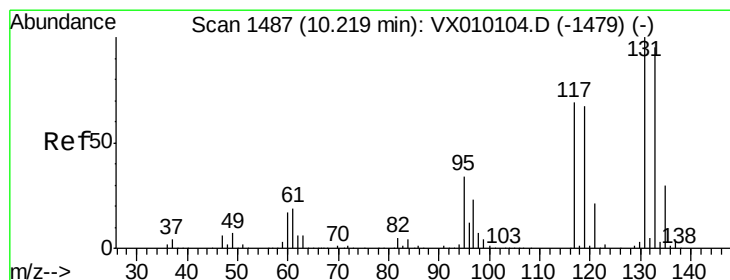
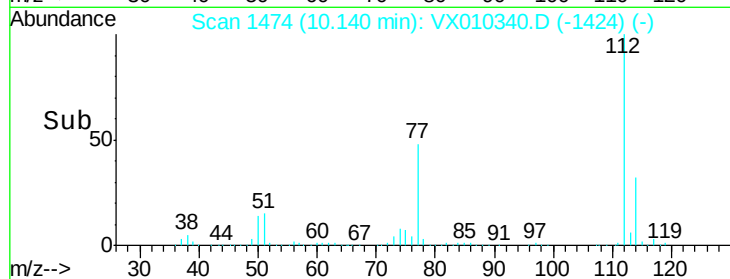
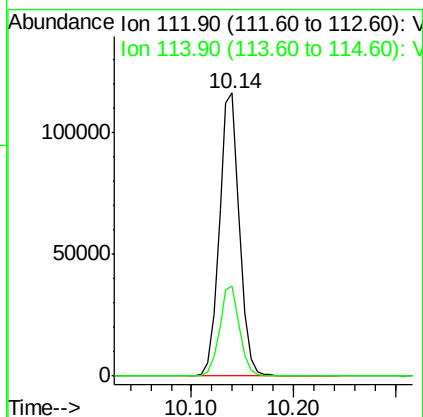
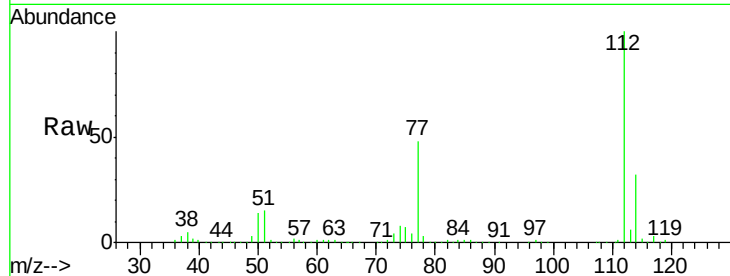
#65
Chlorobenzene
Concen: 19.735 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX010340.D
Acq: 18 Jun 2019 14:02

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBSD01

Tot Ion:112 Resp: 159681
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.8

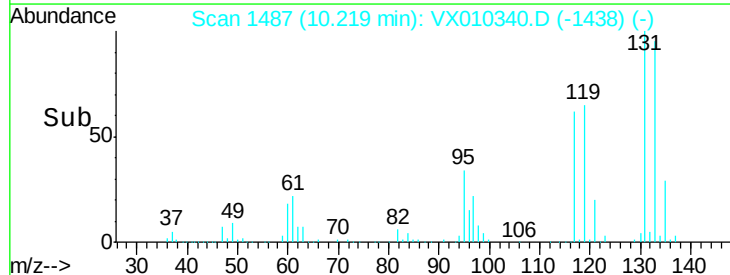
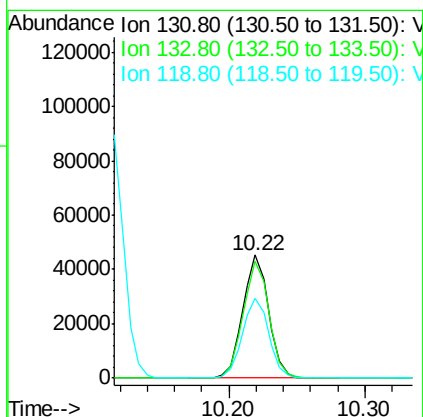
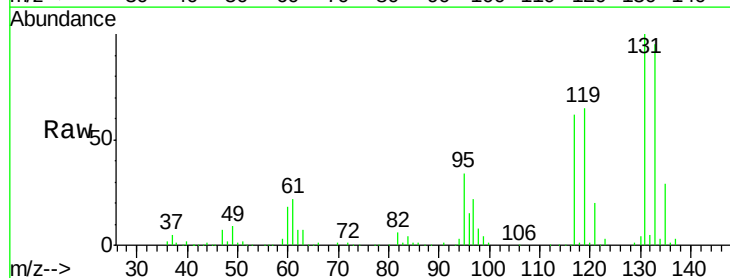
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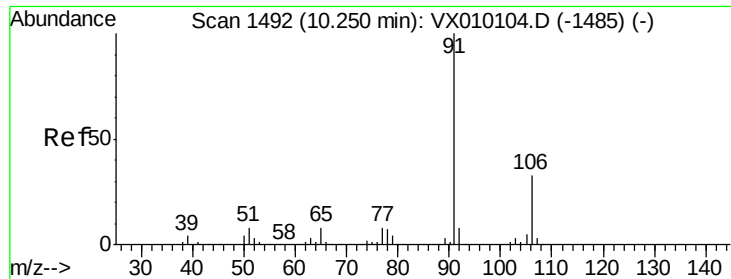
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.234 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX010340.D
Acq: 18 Jun 2019 14:02

Tgt Ion:131 Resp: 59848
Ion Ratio Lower Upper
131 100
133 95.2 47.5 142.6
119 66.9 33.4 100.1





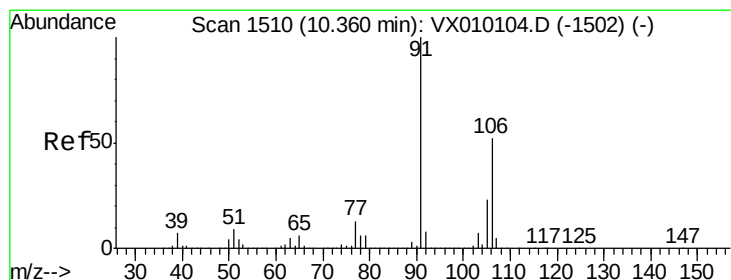
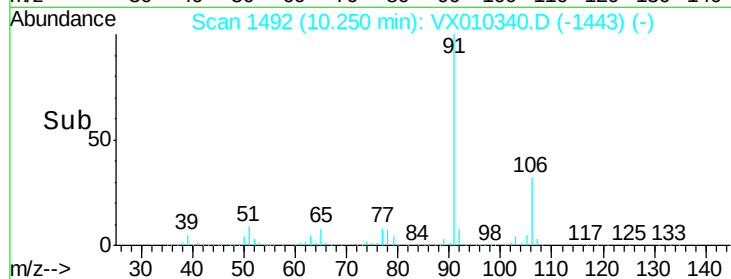
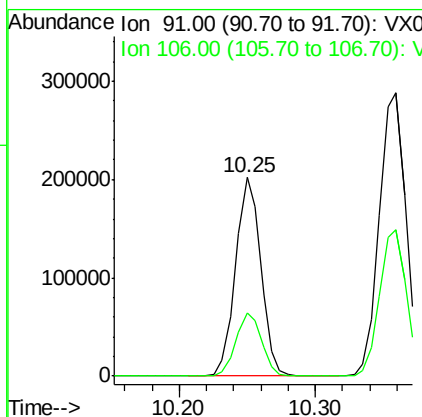
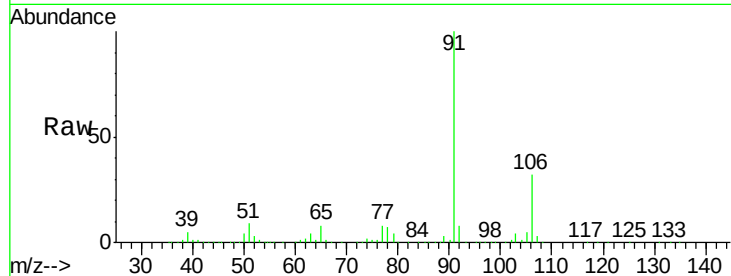
#67
Ethyl Benzene
Concen: 19.062 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX010340.D
Acq: 18 Jun 2019 14:02

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
106	32.1	23.9	35.9

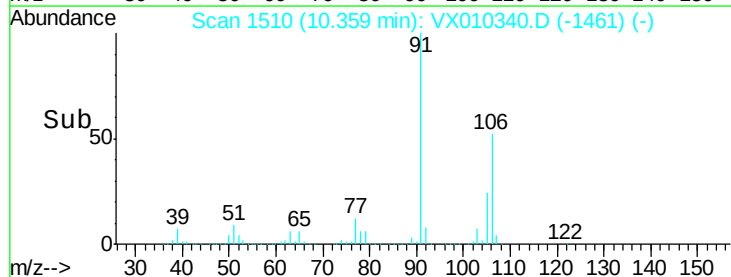
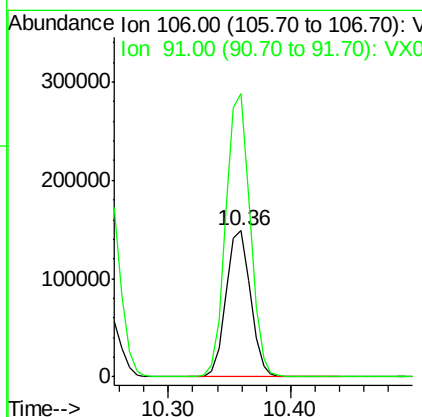
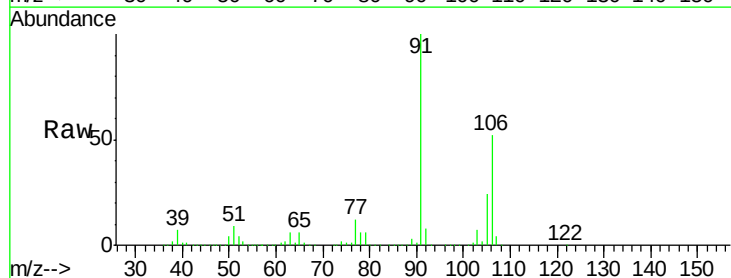
Manual Integrations
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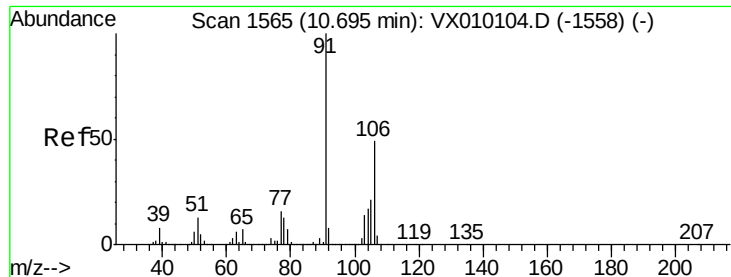
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#68
m/p-Xylenes
Concen: 38.432 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX010340.D
Acq: 18 Jun 2019 14:02

Tgt Ion	Ratio	Lower	Upper
106	100		
91	193.2	167.3	250.9





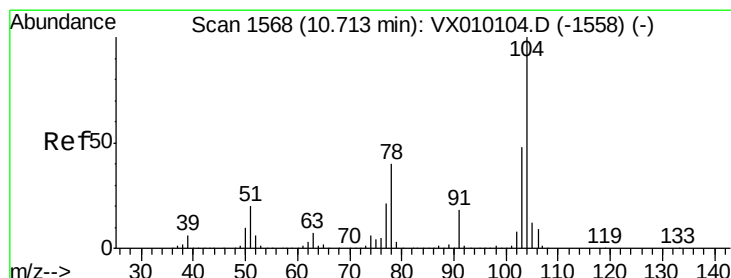
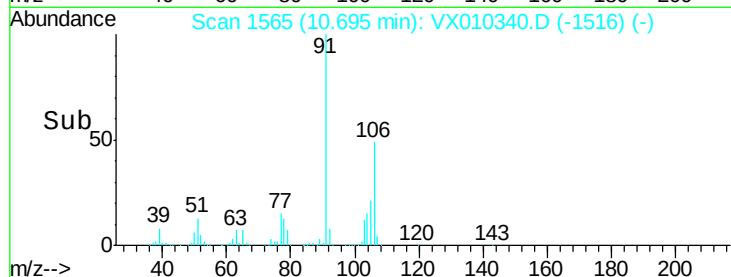
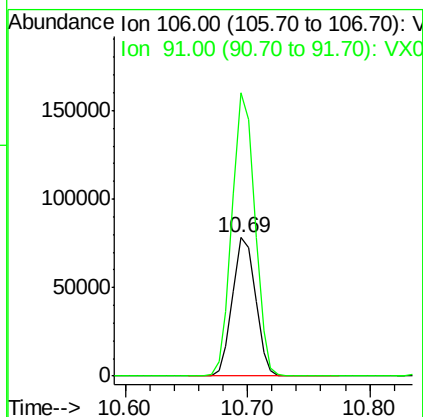
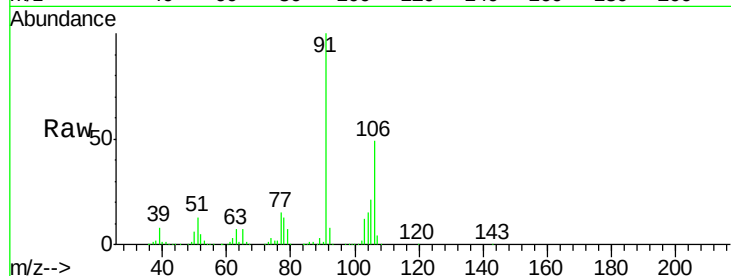
#69
o-Xylene
Concen: 19.295 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010340.D
Acq: 18 Jun 2019 14:02

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	102237		
91	91	202.2	110.4	331.2	

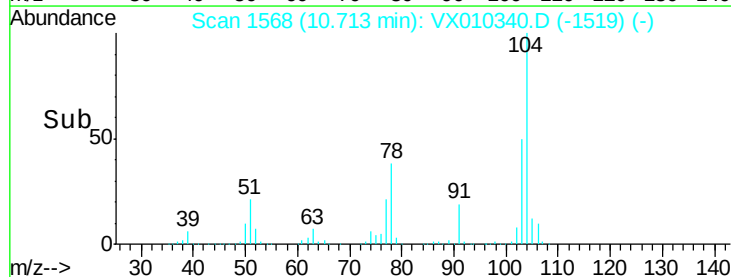
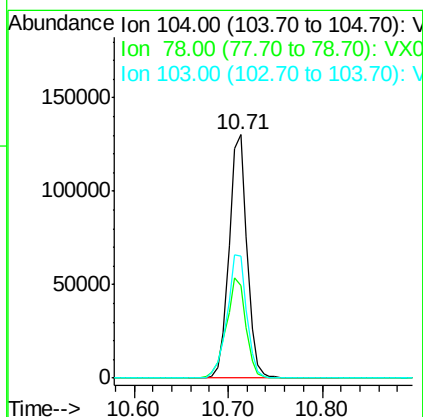
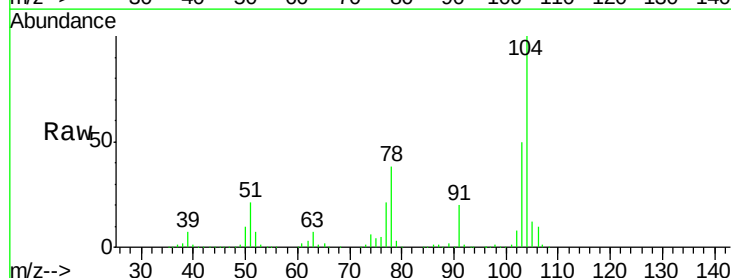
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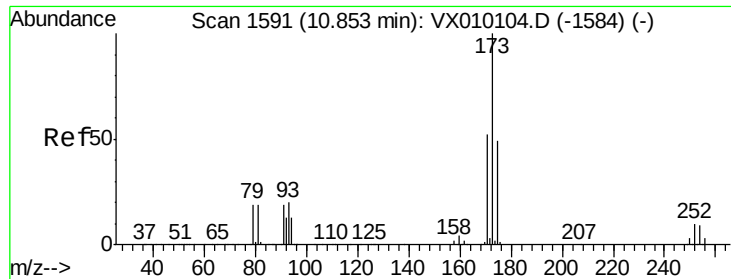
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#70
Styrene
Concen: 19.188 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX010340.D
Acq: 18 Jun 2019 14:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	172189		
78	78	45.2	42.1	63.1	
103	103	55.4	44.1	66.1	





#71

Bromoform

Concen: 17.721 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX010340.D

Acq: 18 Jun 2019 14:02

Instrument :

MSVOA_X

ClientSampleId :

VX0618WBSD01

Tot Ion:173 Resp: 50692

Ion Ratio Lower Upper

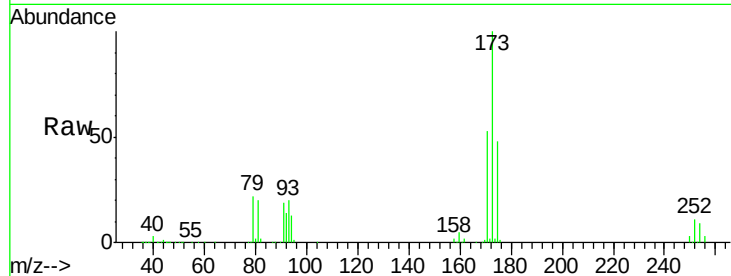
173 100

175 47.8 25.0 75.0

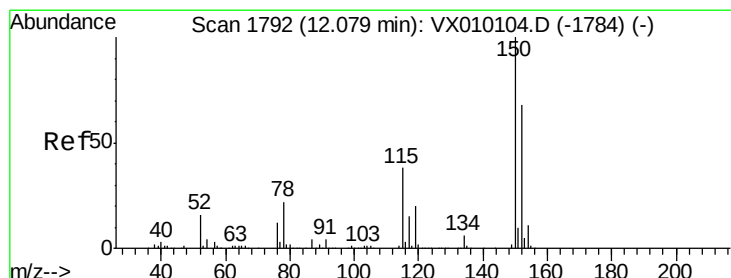
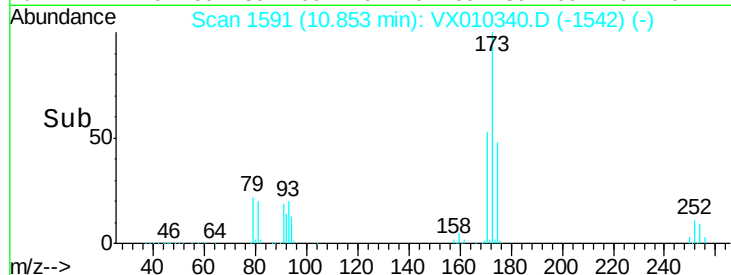
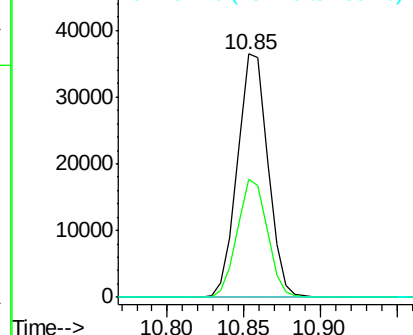
254 0.0 0.2 0.2#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX010340.D

Acq: 18 Jun 2019 14:02

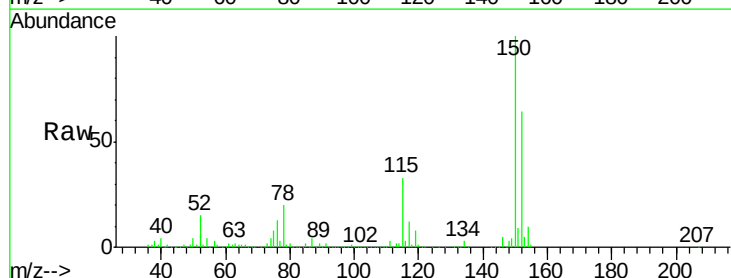
Tgt Ion:152 Resp: 200669

Ion Ratio Lower Upper

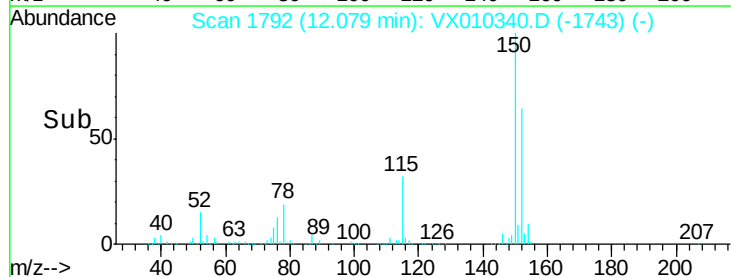
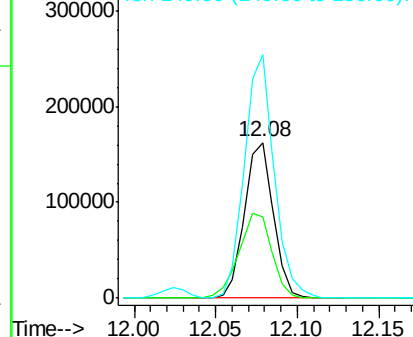
152 100

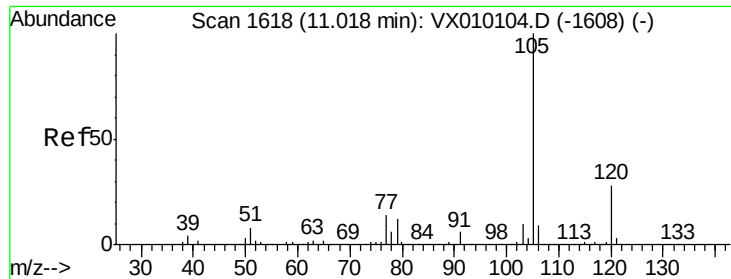
115 62.4 41.4 124.2

150 161.6 0.0 345.2



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





#73

Isopropylbenzene

Concen: 19.118 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX010340.D

Acq: 18 Jun 2019 14:02

Instrument :

MSVOA_X

ClientSampleId :

VX0618WBSD01

Tot Ion: 105 Resp: 267802

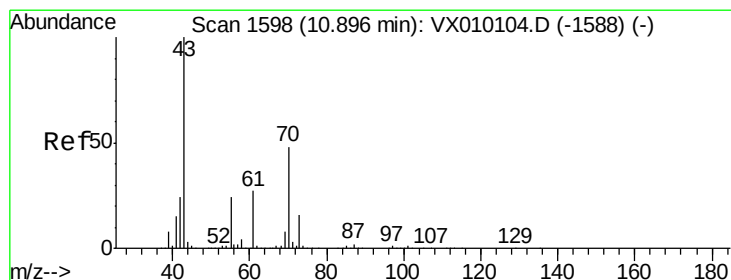
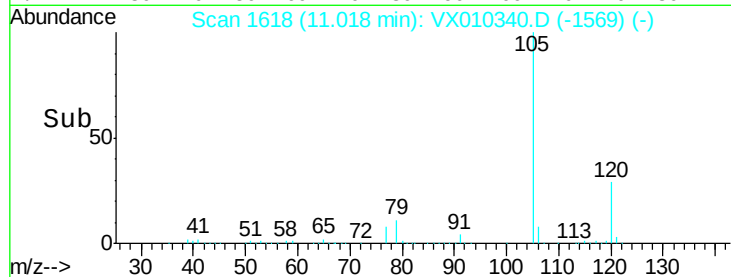
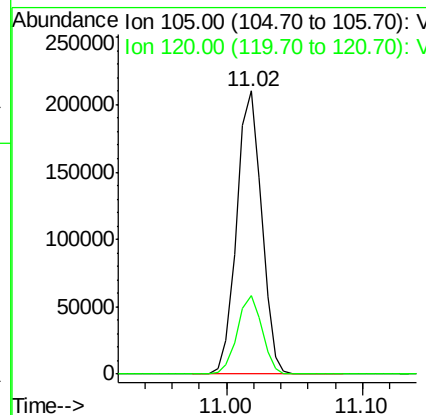
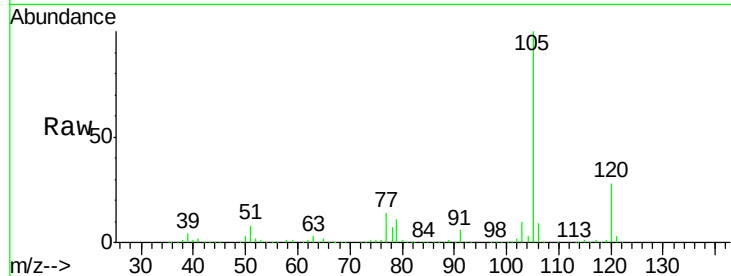
Ion Ratio Lower Upper

105 100

120 27.6 12.8 38.4

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#74

N-ethyl acetate

Concen: 18.759 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX010340.D

Acq: 18 Jun 2019 14:02

Tgt Ion: 43 Resp: 103873

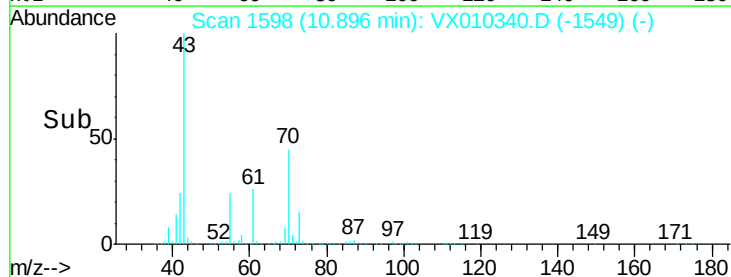
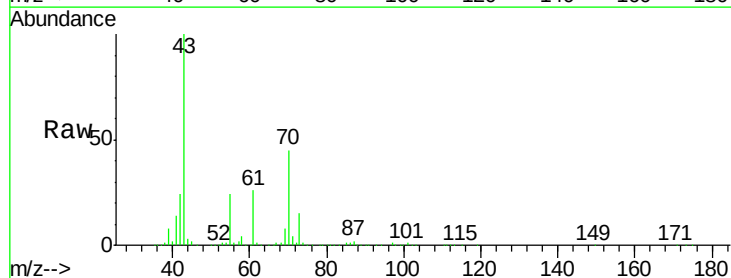
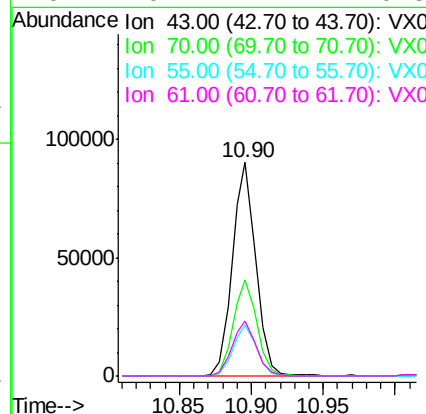
Ion Ratio Lower Upper

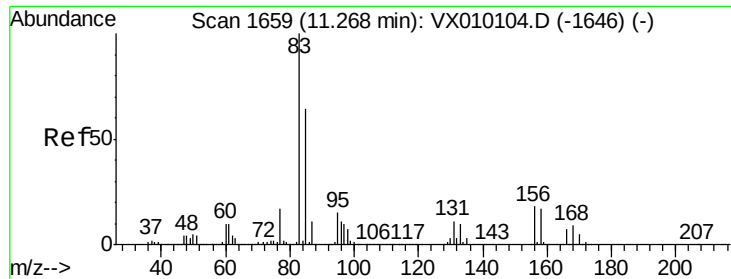
43 100

70 45.6 28.6 43.0#

55 24.7 17.8 26.8

61 26.1 17.7 26.5





#75

1,1,2,2-Tetrachloroethane

Concen: 19.249 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX010340.D

Acq: 18 Jun 2019 14:02

Instrument :

MSVOA_X

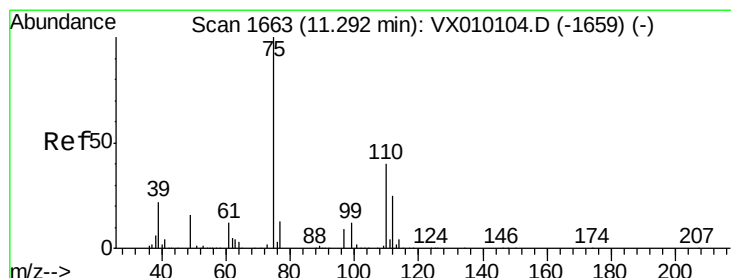
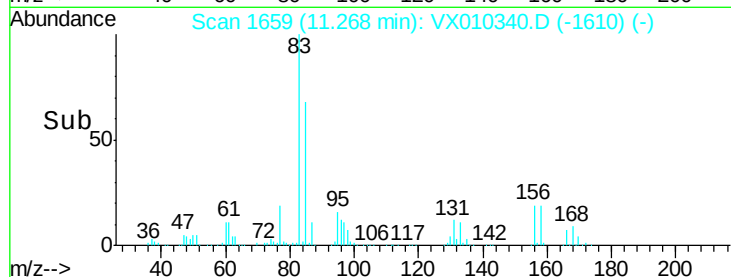
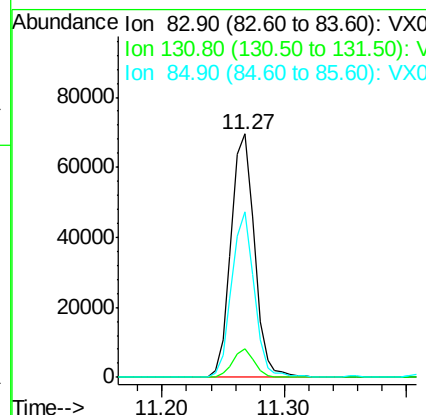
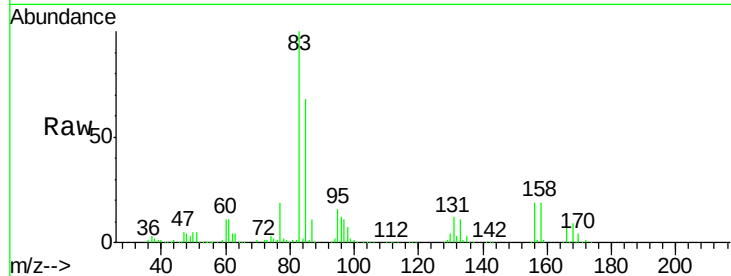
ClientSampleId :

VX0618WBSD01

Tot Ion:	83	Resp:	92302
Ion Ratio	Lower	Upper	
83	100		
131	10.9	4.7	14.1
85	65.4	31.9	95.9

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#76

1,2,3-Trichloropropane

Concen: 18.605 ug/l m

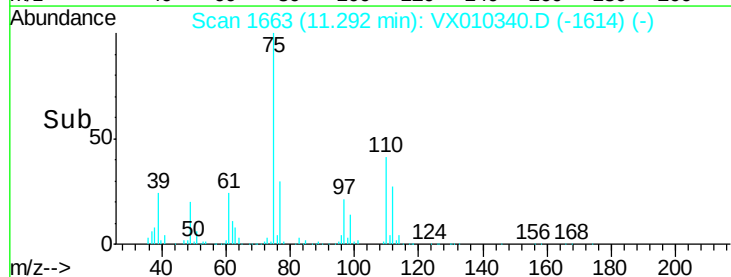
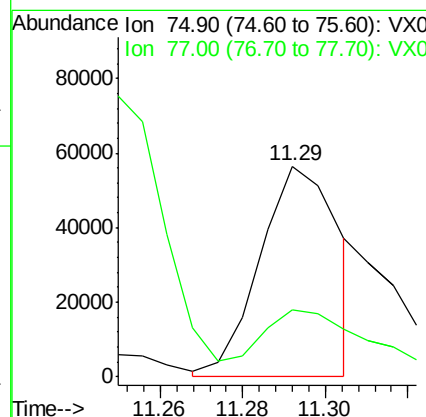
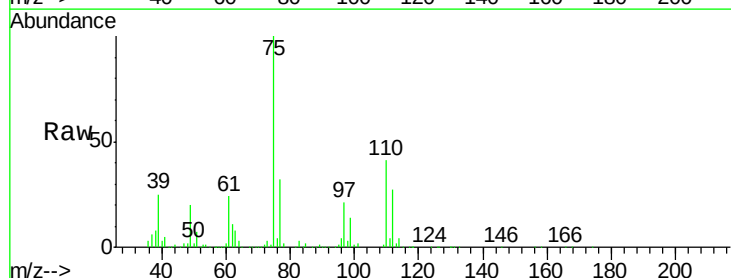
RT: 11.29 min Scan# 1663

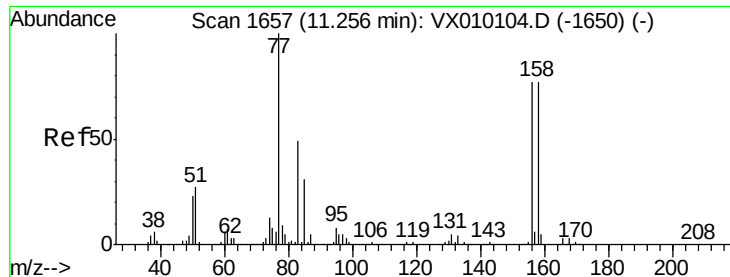
Delta R.T. -0.00 min

Lab File: VX010340.D

Acq: 18 Jun 2019 14:02

Tgt Ion:	75	Resp:	74678
Ion Ratio	Lower	Upper	
75	100		
77	44.1	22.1	66.1





#77

Bromobenzene

Concen: 19.064 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX010340.D

Acq: 18 Jun 2019 14:02

Instrument :

MSVOA_X

ClientSampleId :

VX0618WBSD01

Tot Ion:156 Resp: 73438

Ion Ratio Lower Upper

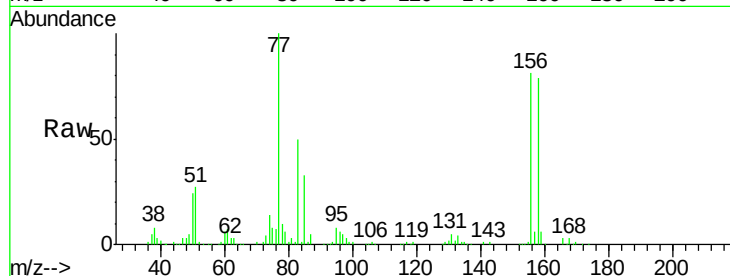
156 100

77 133.0 86.8 260.3

158 96.4 49.6 148.8

Manual Integrations
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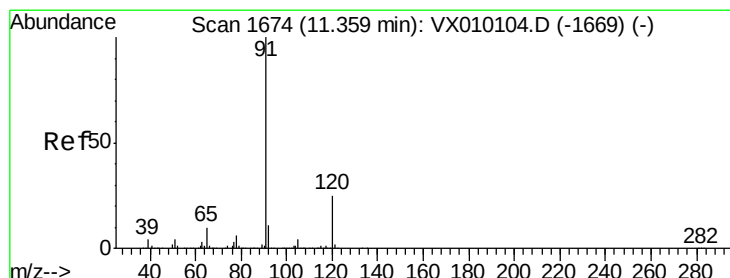
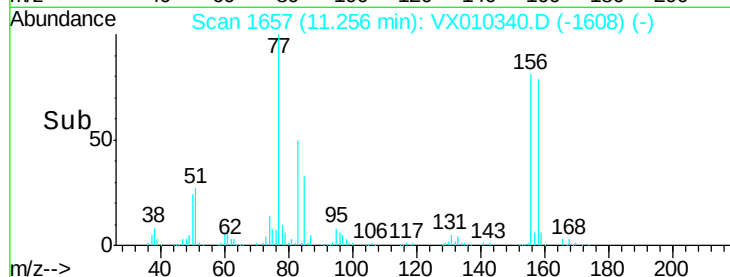
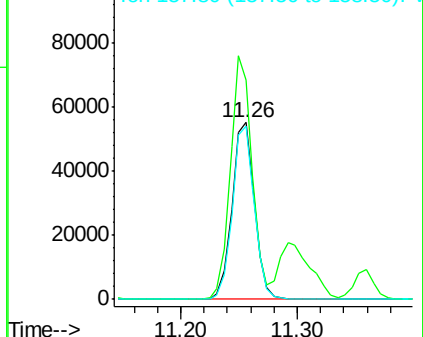
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.508 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010340.D

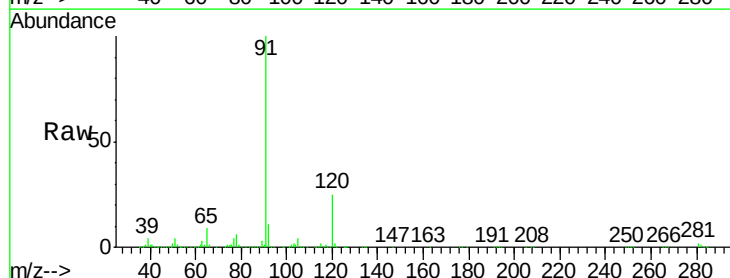
Acq: 18 Jun 2019 14:02

Tgt Ion: 91 Resp: 288628

Ion Ratio Lower Upper

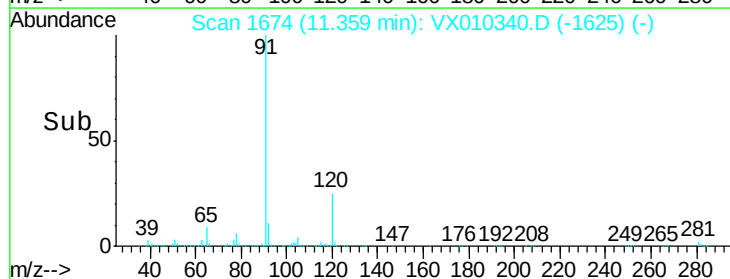
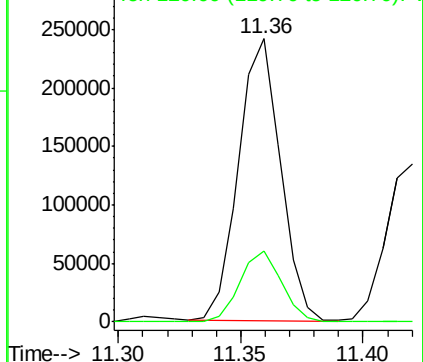
91 100

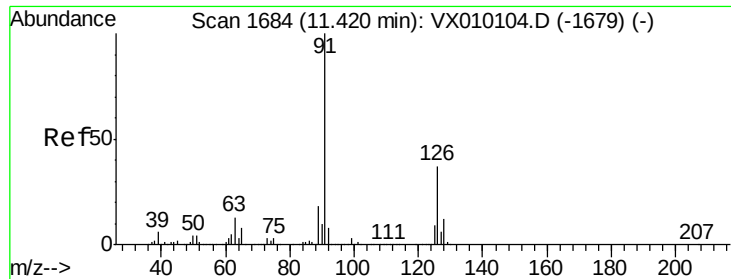
120 24.9 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.450 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX010340.D

Acq: 18 Jun 2019 14:02

Instrument :

MSVOA_X

ClientSampled :

VX0618WBSD01

Tot Ion: 91 Resp: 172809

Ion Ratio Lower Upper

91 100

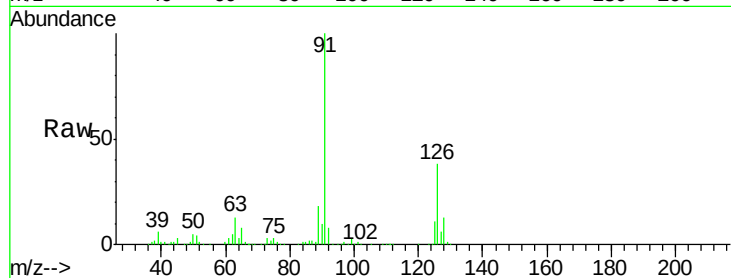
126 38.1 16.1 48.3

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

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

250000

200000

150000

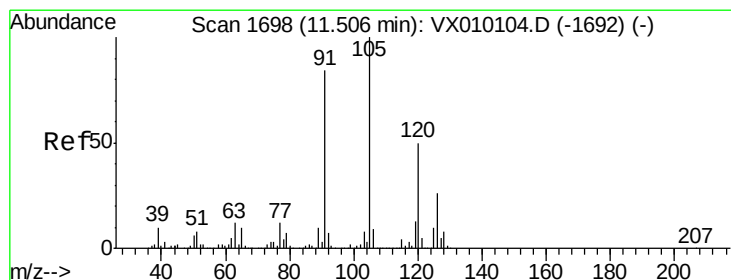
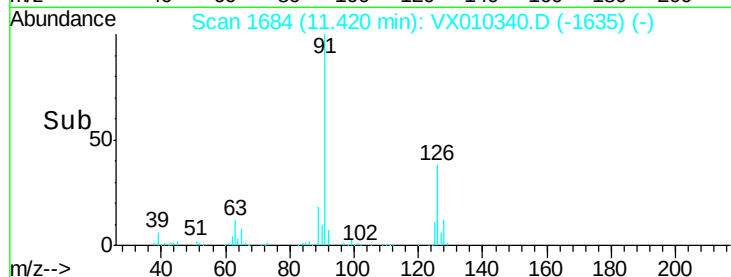
100000

50000

0

11.40 11.42 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 18.323 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010340.D

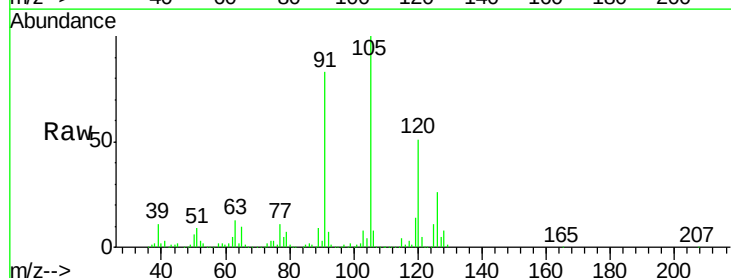
Acq: 18 Jun 2019 14:02

Tgt Ion: 105 Resp: 216179

Ion Ratio Lower Upper

105 100

120 51.8 24.1 72.3



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

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

200000

150000

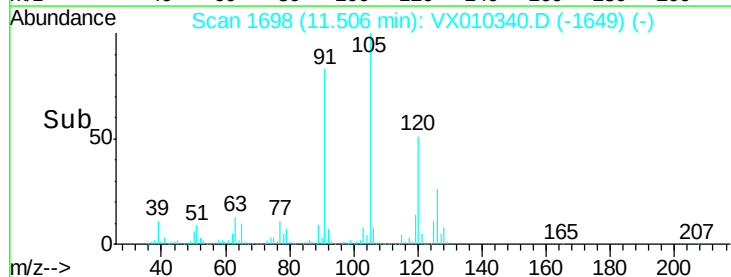
100000

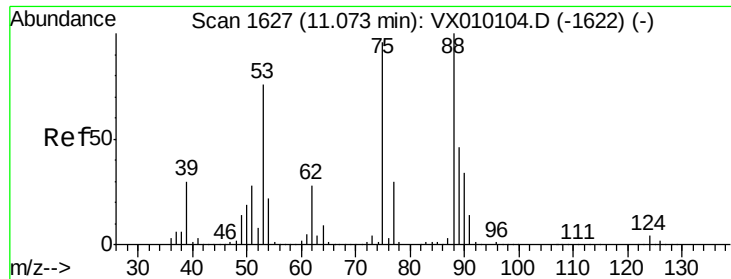
50000

0

11.45 11.50 11.55

Time-->





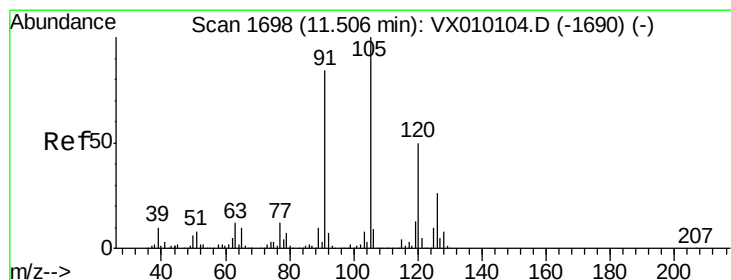
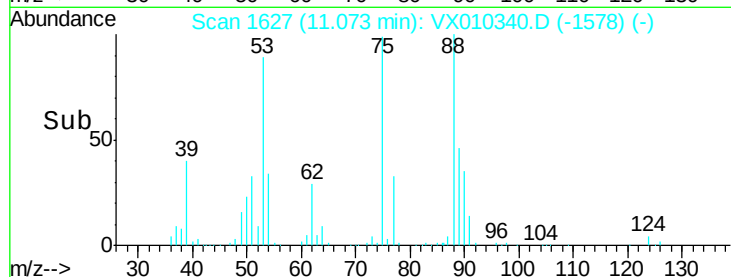
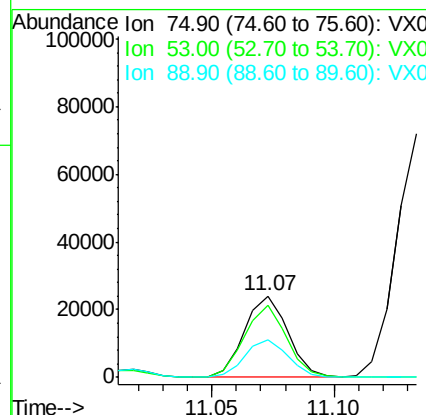
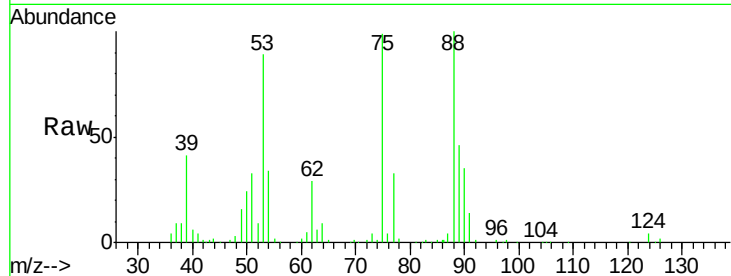
#81
trans-1,4-Dichloro-2-butene
Concen: 16.336 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX010340.D
Acq: 18 Jun 2019 14:02

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	87.7	79.8	119.6
89	47.4	34.2	51.4

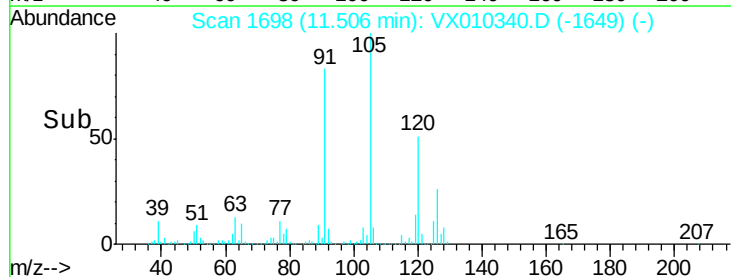
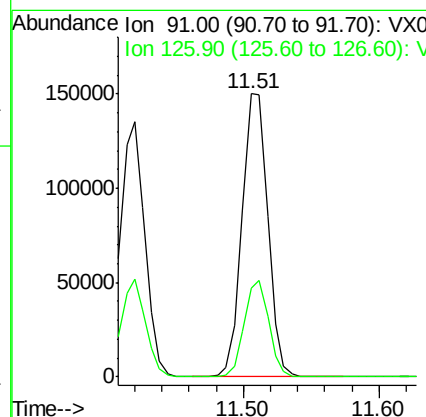
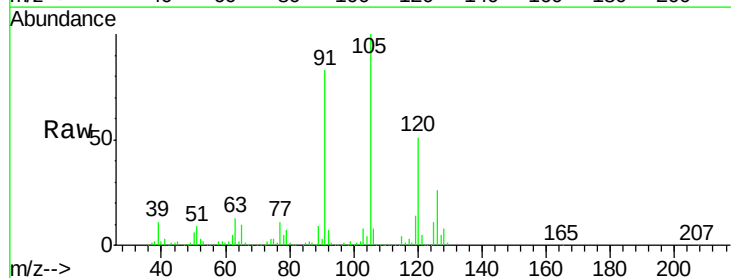
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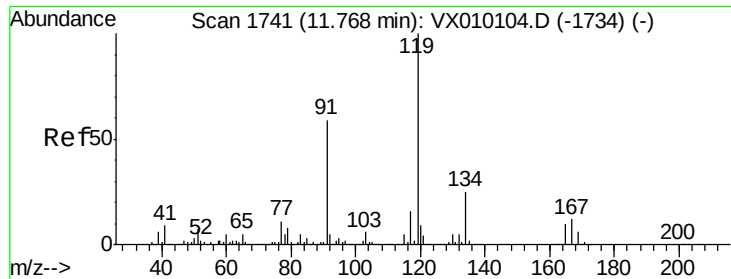
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#82
4-Chlorotoluene
Concen: 18.656 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX010340.D
Acq: 18 Jun 2019 14:02

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.4	14.2	42.6





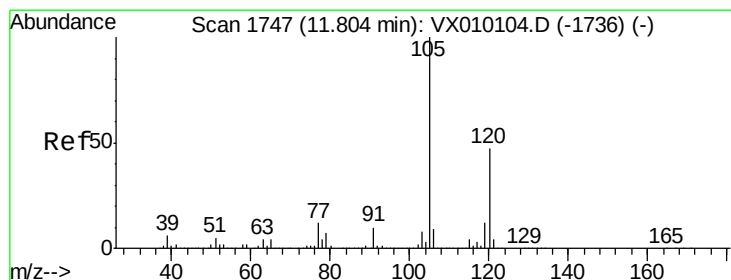
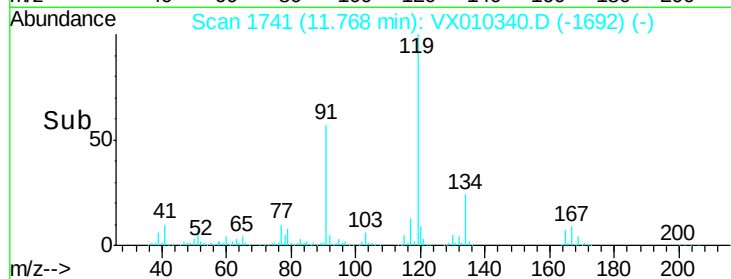
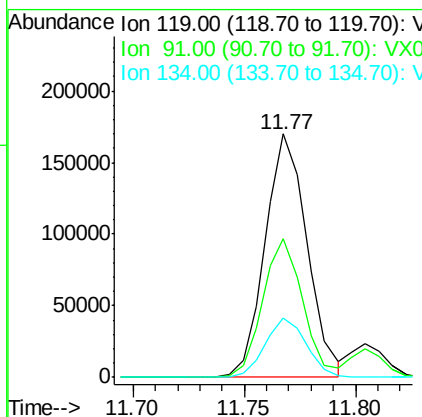
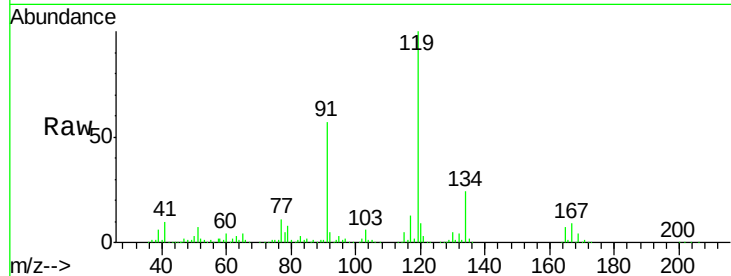
#83
 tert-Butylbenzene
 Concen: 18.632 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX010340.D
 Acq: 18 Jun 2019 14:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0618WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	222503		
91	54.7	30.0	90.0	
134	24.0	11.2	33.5	

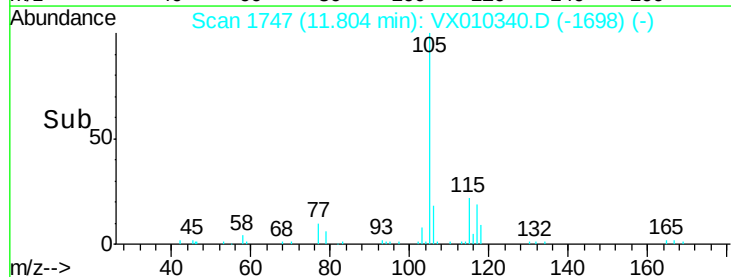
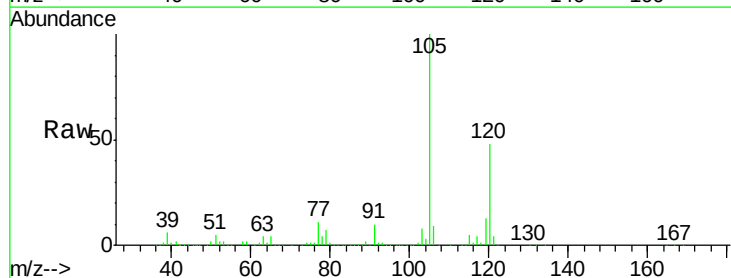
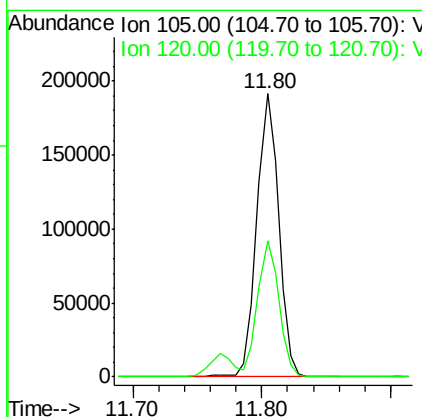
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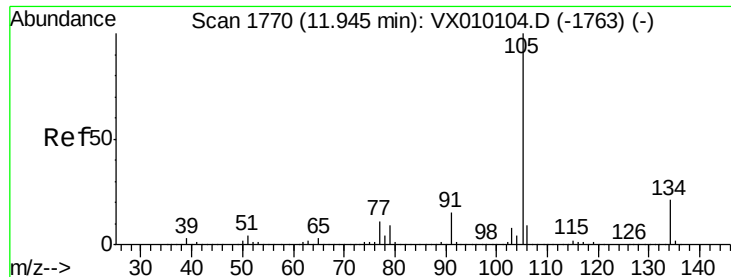
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#84
 1,2,4-Trimethylbenzene
 Concen: 18.698 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX010340.D
 Acq: 18 Jun 2019 14:02

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	222833		
120	46.7	22.1	66.1	





#85

sec-Butylbenzene

Concen: 18.704 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX010340.D

Acq: 18 Jun 2019 14:02

Instrument :

MSVOA_X

ClientSampleId :

VX0618WBSD01

Tot Ion:105 Resp: 260217

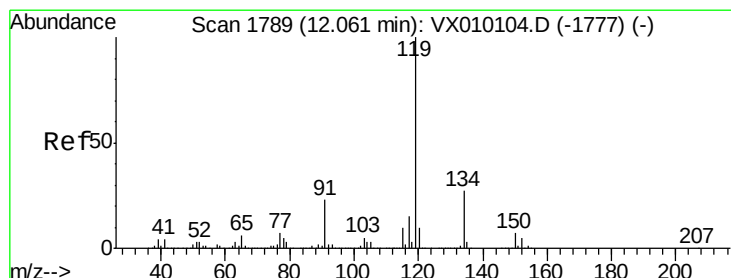
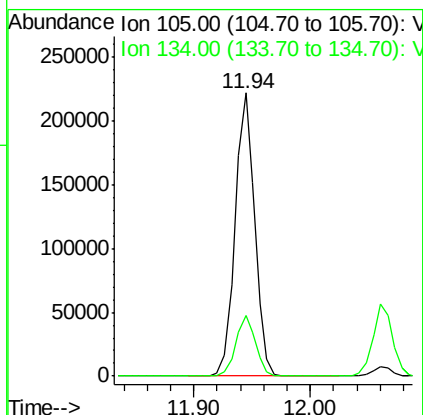
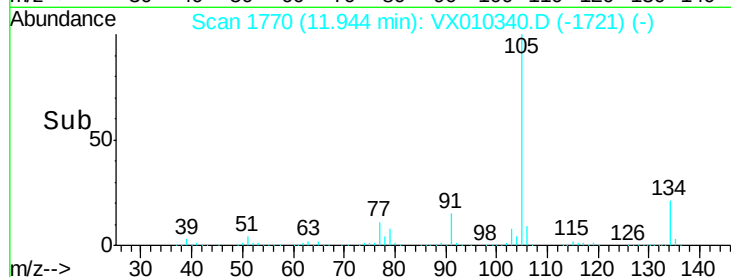
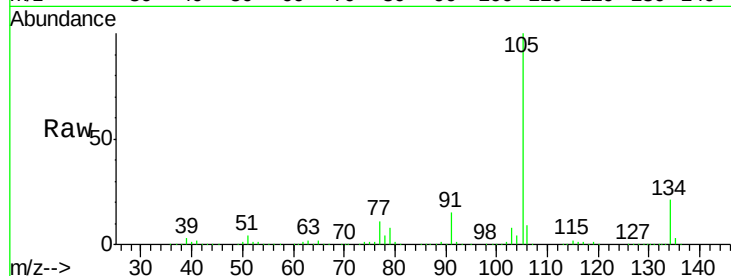
Ion Ratio Lower Upper

105 100

134 21.4 9.7 28.9

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#86

p-Isopropyltoluene

Concen: 18.597 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX010340.D

Acq: 18 Jun 2019 14:02

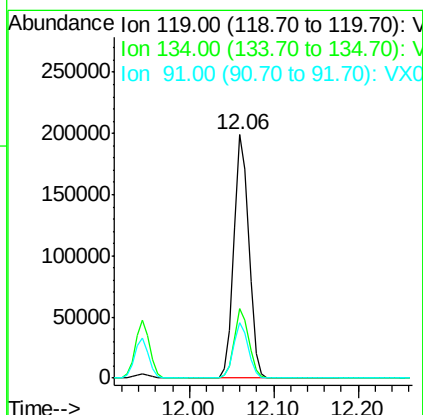
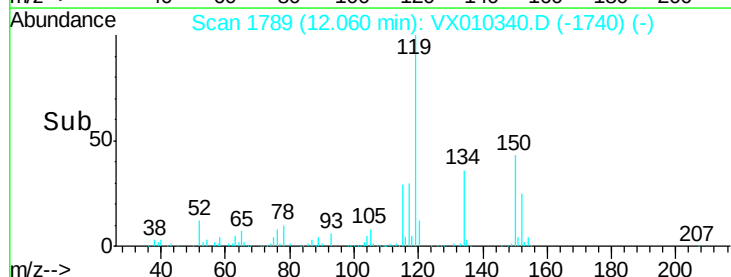
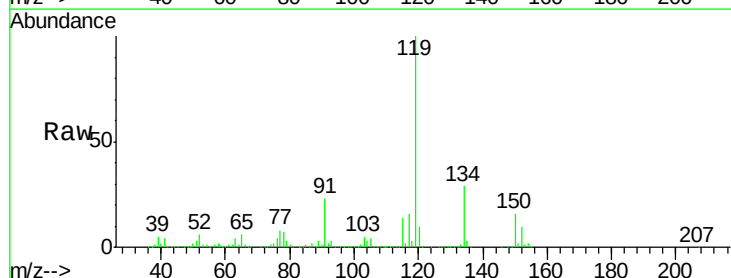
Tgt Ion:119 Resp: 236529

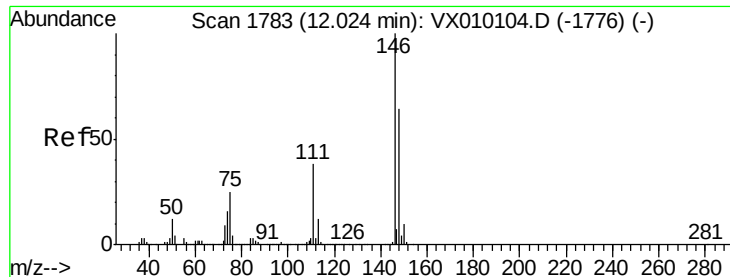
Ion Ratio Lower Upper

119 100

134 27.8 12.9 38.6

91 22.7 11.9 35.9





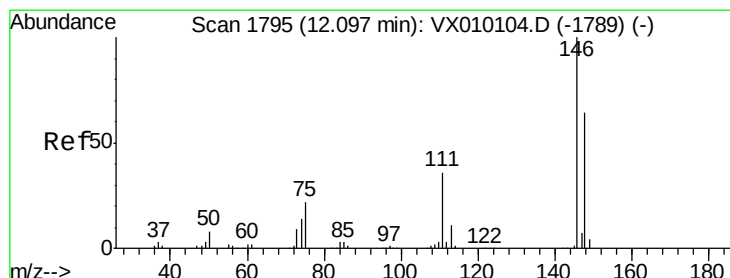
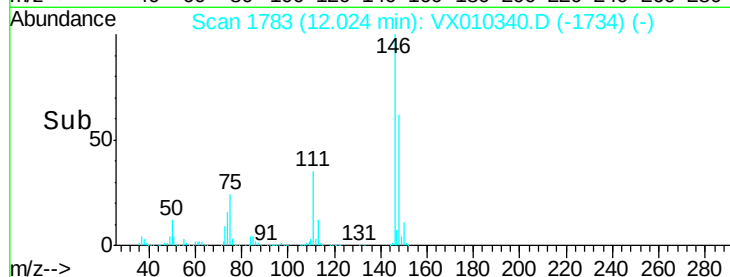
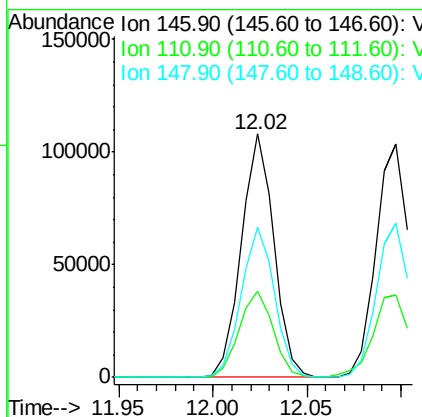
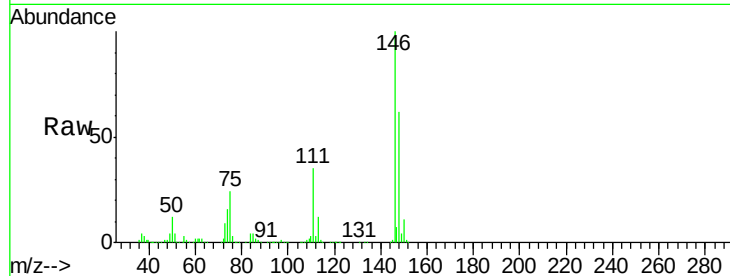
#87
 1,3-Dichlorobenzene
 Concen: 19.123 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX010340.D
 Acq: 18 Jun 2019 14:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0618WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.9	20.1	60.2
148	62.9	31.9	95.5

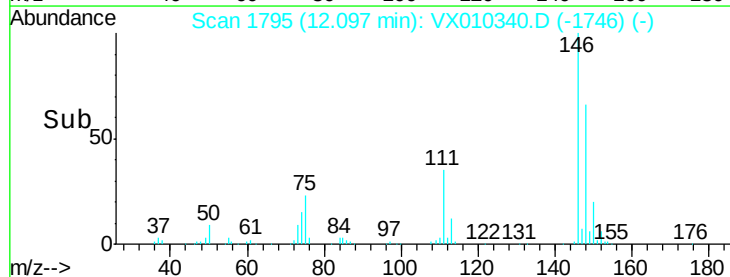
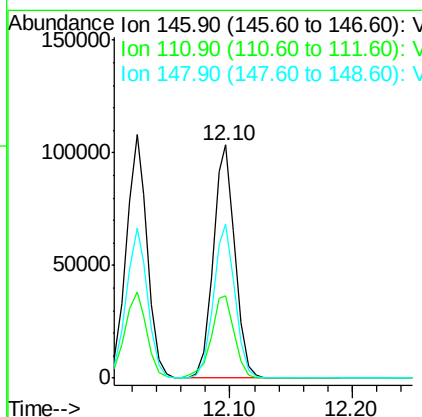
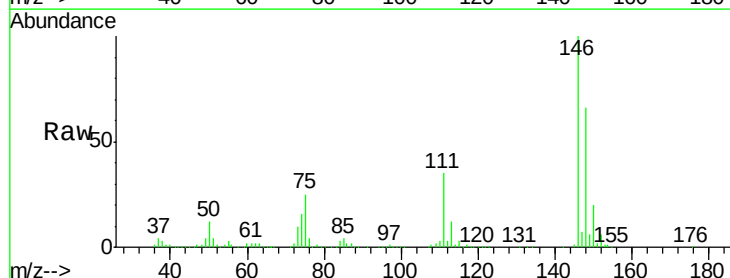
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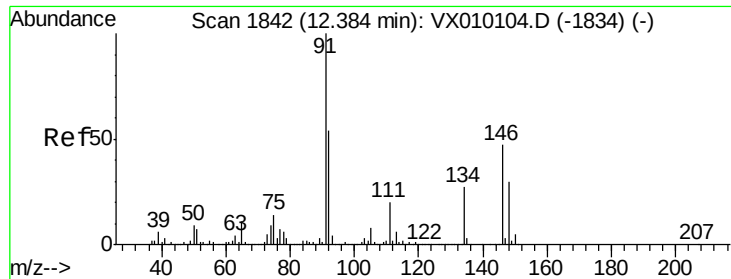
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#88
 1,4-Dichlorobenzene
 Concen: 18.764 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX010340.D
 Acq: 18 Jun 2019 14:02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.9	20.0	59.9
148	65.9	32.3	96.9





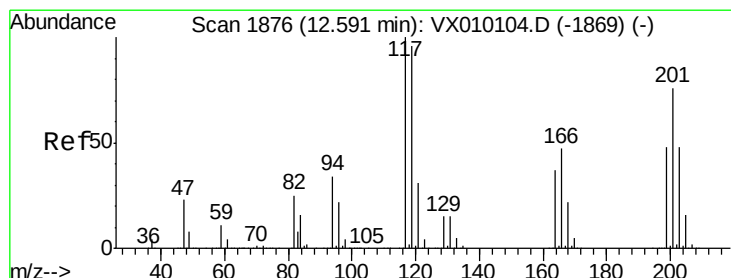
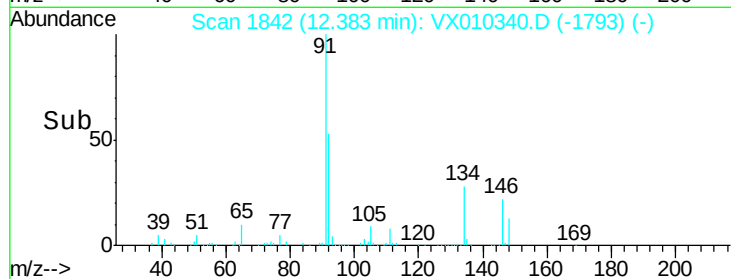
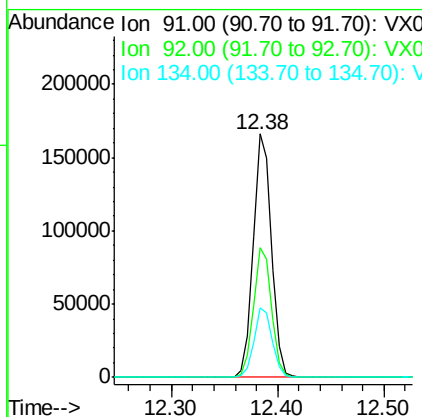
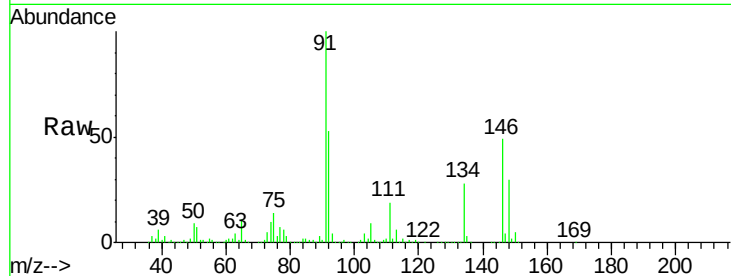
#89
n-Butylbenzene
Concen: 18.247 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX010340.D
Acq: 18 Jun 2019 14:02

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	199767		
92	52.9		26.3	78.8
134	28.4		12.3	36.8

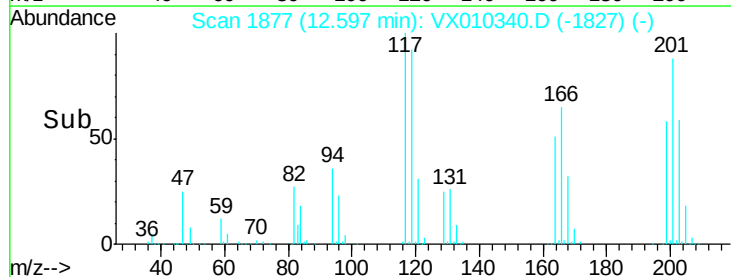
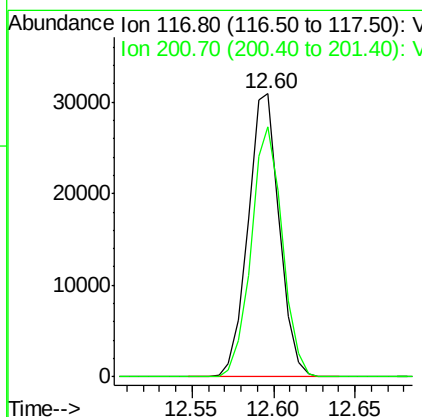
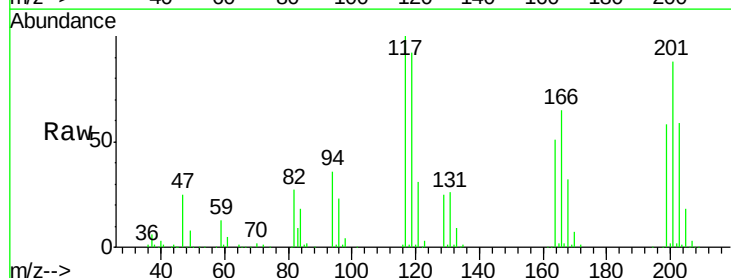
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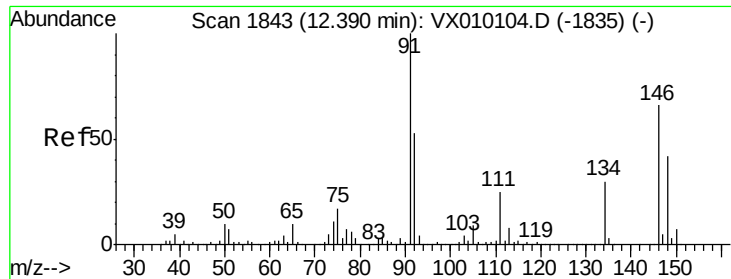
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#90
Hexachloroethane
Concen: 16.308 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.01 min
Lab File: VX010340.D
Acq: 18 Jun 2019 14:02

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	41319		
201	87.3		43.6	130.9





#91

1,2-Dichlorobenzene

Concen: 19.762 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX010340.D

Acq: 18 Jun 2019 14:02

Instrument :

MSVOA_X

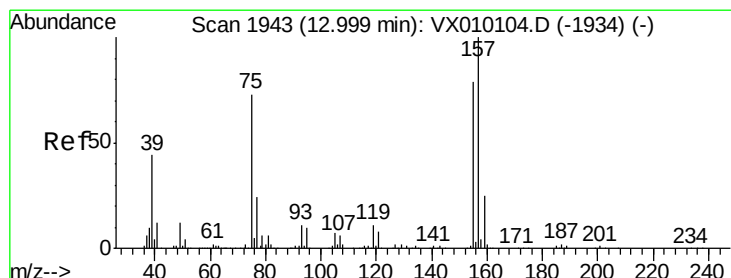
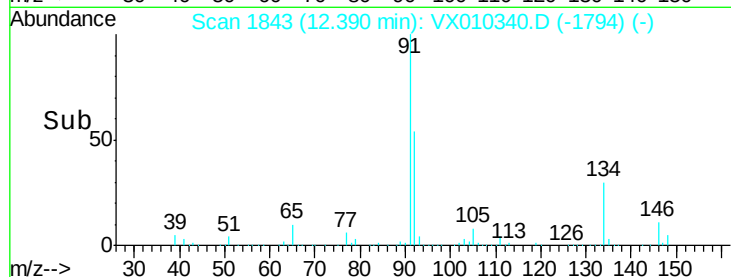
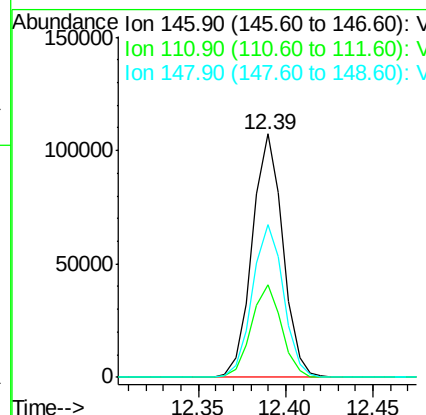
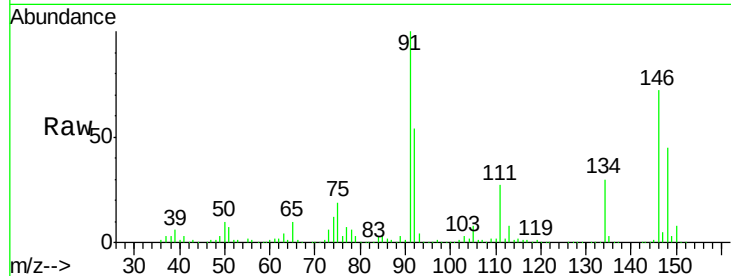
ClientSampleId :

VX0618WBSD01

Tot Ion:	146	Resp:	130359
Ion Ratio	Lower	Upper	
146	100		
111	38.1	21.1	63.1
148	64.1	32.3	96.8

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#92

1,2-Dibromo-3-Chloropropane

Concen: 16.768 ug/l

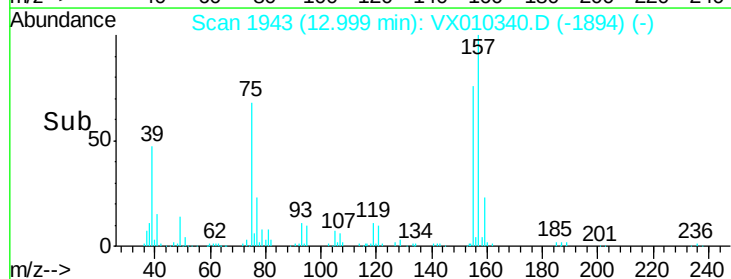
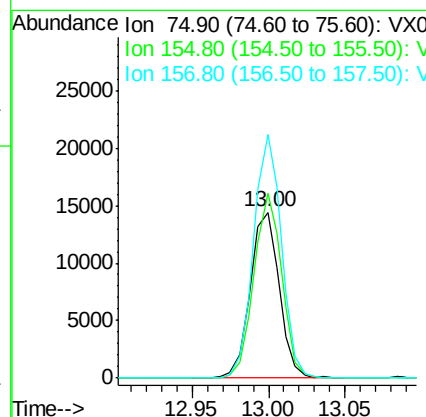
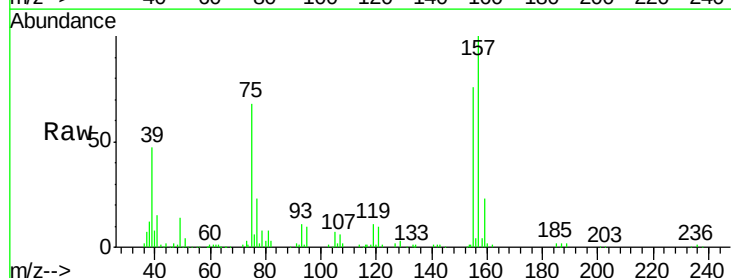
RT: 13.00 min Scan# 1943

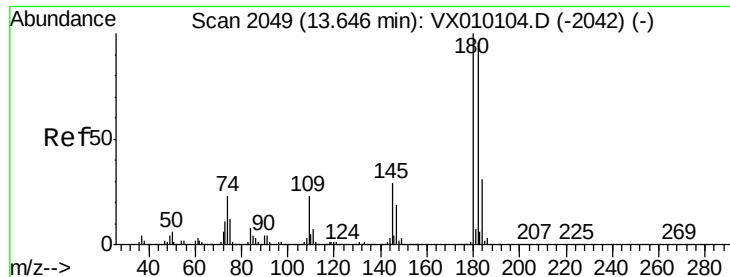
Delta R.T. -0.00 min

Lab File: VX010340.D

Acq: 18 Jun 2019 14:02

Tgt Ion:	75	Resp:	18920
Ion Ratio	Lower	Upper	
75	100		
155	107.9	39.3	117.8
157	141.2	50.6	151.8





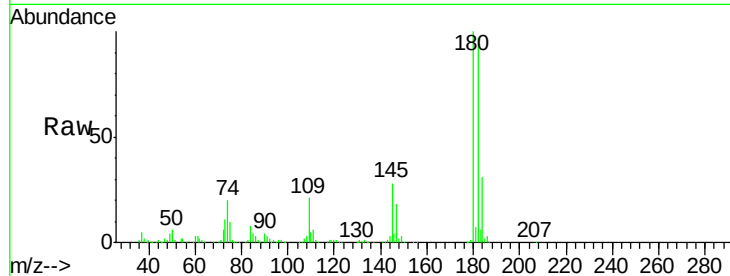
#93
 1,2,4-Trichlorobenzene
 Concen: 18.608 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX010340.D
 Acq: 18 Jun 2019 14:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0618WBSD01

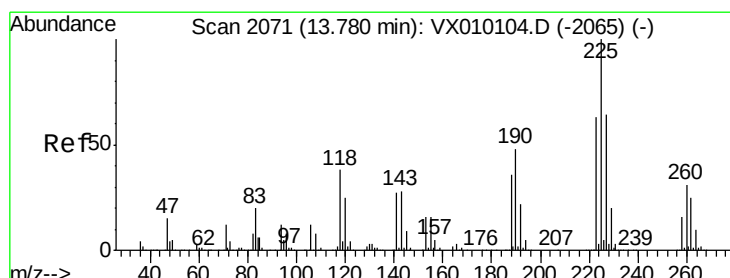
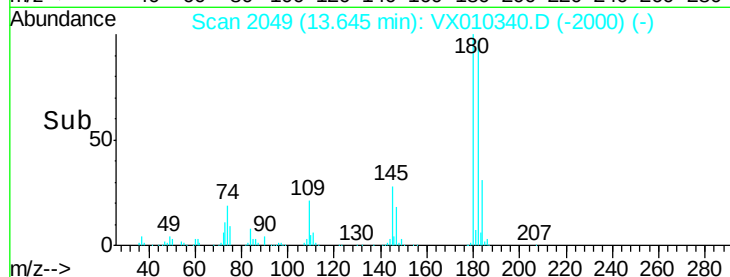
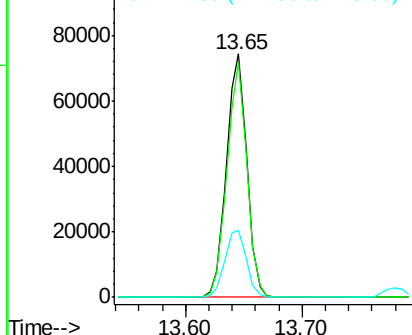
Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.9	47.4	142.2	
145	29.1	14.5	43.5	

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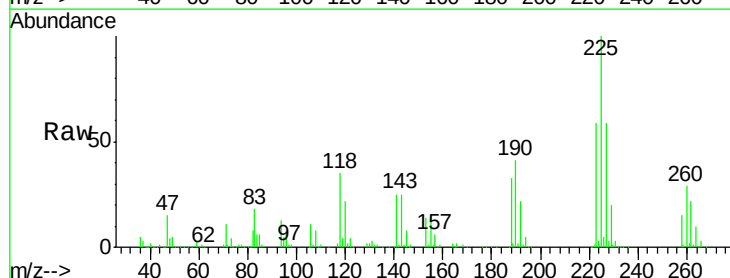


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

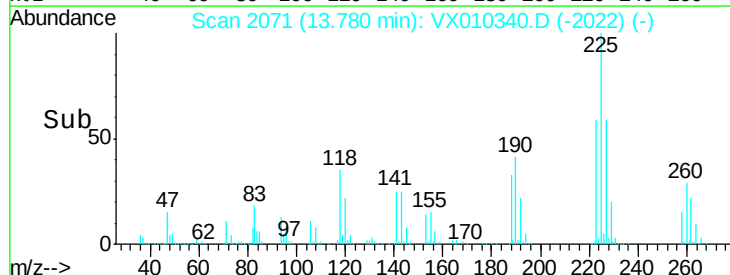
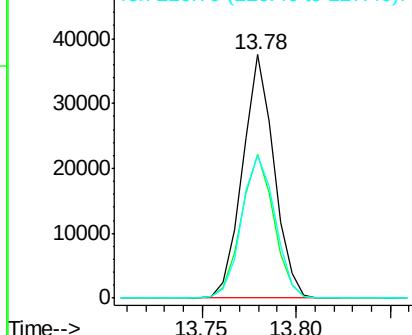


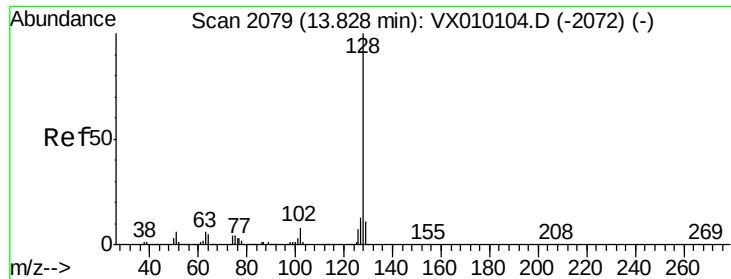
#94
 Hexachlorobutadiene
 Concen: 20.198 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX010340.D
 Acq: 18 Jun 2019 14:02

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.2	31.3	93.8	
227	62.4	32.3	96.8	



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





#95

Naphthalene

Concen: 18.874 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.01 min

Lab File: VX010340.D

Acq: 18 Jun 2019 14:02

Instrument :

MSVOA_X

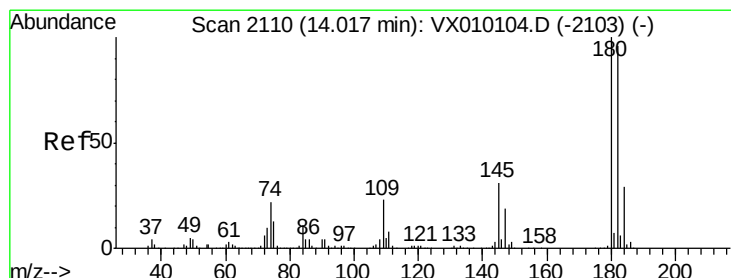
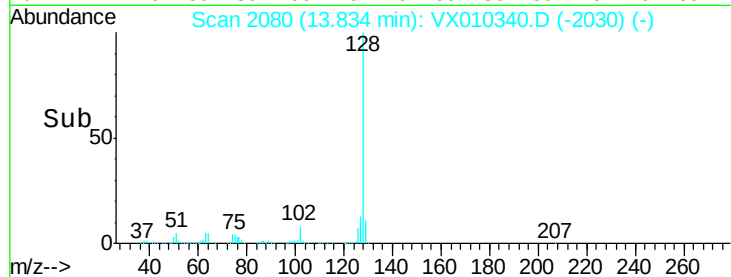
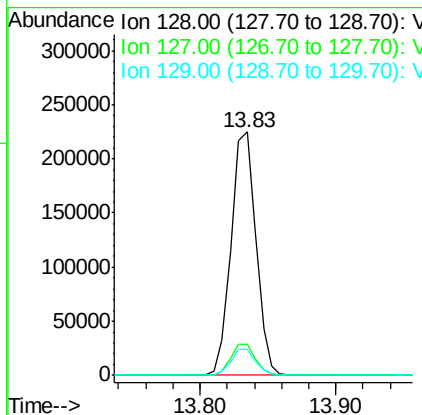
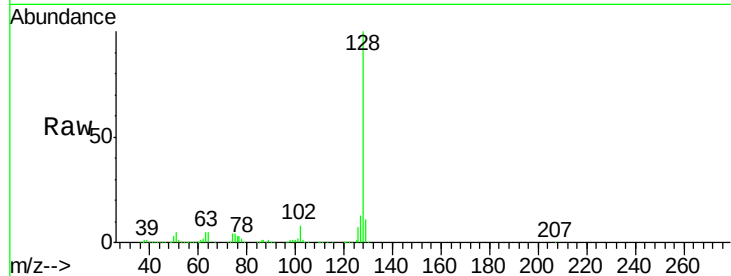
ClientSampleId :

VX0618WBSD01

Tot Ion:	128	Resp:	286886
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.6	16.0
129	10.8	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
6/20/2019 8:58:23 AM



#96

1,2,3-Trichlorobenzene

Concen: 18.992 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX010340.D

Acq: 18 Jun 2019 14:02

Tgt Ion:	180	Resp:	90674
Ion Ratio	Lower	Upper	
180	100		
182	95.6	47.3	142.0
145	29.9	15.6	46.7

