

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061719\
 Data File : VX010318.D
 Acq On : 17 Jun 2019 12:49
 Operator : JC/SP
 Sample : VX0617WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/18/2019 11:26:25 AM

Quant Time: Jun 18 02:01:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	306105	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	442724	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	401493	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	212172	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	129049	43.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.38%	
35) Dibromofluoromethane	5.49	113	130198	47.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.36%	
50) Toluene-d8	8.71	98	493799	48.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.50%	
62) 4-Bromofluorobenzene	11.13	95	178003	46.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.14%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.20	85	50067	17.776	ug/l	100
3) Chloromethane	1.33	50	47055	16.822	ug/l	99
4) Vinyl Chloride	1.41	62	48978	18.630	ug/l	99
5) Bromomethane	1.64	94	25197	25.399	ug/l	95
6) Chloroethane	1.72	64	29747	22.442	ug/l	100
7) Trichlorofluoromethane	1.93	101	79882	20.455	ug/l	99
8) Diethyl Ether	2.19	74	28373	21.080	ug/l	78
9) 1,1,2-Trichlorotrifluoroet	2.39	101	48134	17.881	ug/l	92
10) Methyl Iodide	2.51	142	55262	13.250	ug/l	97
11) Tert butyl alcohol	3.04	59	66516	90.874	ug/l	99
12) 1,1-Dichloroethene	2.37	96	45512	16.553	ug/l #	81
13) Acrolein	2.29	56	7421	55.602	ug/l	99
14) Allyl chloride	2.73	41	67662	16.303	ug/l #	89
15) Acrylonitrile	3.14	53	128830	86.110	ug/l	99
16) Acetone	2.44	43	126380	89.928	ug/l #	87
17) Carbon Disulfide	2.57	76	111204	13.998	ug/l	99
18) Methyl Acetate	2.77	43	55463	17.945	ug/l #	80
19) Methyl tert-butyl Ether	3.19	73	149007	16.869	ug/l	95
20) Methylene Chloride	2.85	84	52788	17.104	ug/l #	78
21) trans-1,2-Dichloroethene	3.17	96	48400	15.907	ug/l #	77
22) Diisopropyl ether	3.85	45	140208	17.669	ug/l #	89
23) Vinyl Acetate	3.81	43	606523	85.680	ug/l #	89
24) 1,1-Dichloroethane	3.70	63	80163	16.639	ug/l	97
25) 2-Butanone	4.67	43	183014	87.454	ug/l #	86
26) 2,2-Dichloropropane	4.58	77	72372	16.466	ug/l	93
27) cis-1,2-Dichloroethene	4.59	96	58568	17.302	ug/l	77
28) Bromochloromethane	5.01	49	33812	15.659	ug/l #	49
29) Tetrahydrofuran	5.13	42	111629	84.879	ug/l #	76
30) Chloroform	5.21	83	87022	17.392	ug/l	98
31) Cyclohexane	5.58	56	71992	16.557	ug/l #	75
32) 1,1,1-Trichloroethane	5.49	97	77857	16.552	ug/l	95
36) 1,1-Dichloropropene	5.80	75	61669	17.074	ug/l	92
37) Ethyl Acetate	4.83	43	65937	17.545	ug/l #	90
38) Carbon Tetrachloride	5.78	117	70367	17.212	ug/l	100

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

39) Methylcyclohexane	7.46	83	83936	17.066	ug/l #	84
40) Benzene	6.14	78	201498	18.041	ug/l	98
41) Methacrylonitrile	5.04	41	34961	17.198	ug/l #	81
42) 1,2-Dichloroethane	6.19	62	60905	17.081	ug/l	93
43) Isopropyl Acetate	6.44	43	108469	17.262	ug/l #	88
44) Trichloroethene	7.21	130	59670	17.724	ug/l	83
45) 1,2-Dichloropropane	7.51	63	51166	18.303	ug/l	97
46) Dibromomethane	7.66	93	36475	17.416	ug/l	90
47) Bromodichloromethane	7.90	83	67898	17.350	ug/l #	98
48) Methyl methacrylate	7.77	41	52396	17.830	ug/l #	79
49) 1,4-Dioxane	7.74	88	31298	373.555	ug/l #	78
51) 4-Methyl-2-Pentanone	8.64	43	350036	93.248	ug/l	91
52) Toluene	8.78	92	131827	17.956	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	75412	16.660	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	82659	17.034	ug/l #	86
55) 1,1,2-Trichloroethane	9.21	97	55681	18.518	ug/l	95
56) Ethyl methacrylate	9.18	69	82891	17.452	ug/l #	82
57) 1,3-Dichloropropane	9.37	76	85357	18.032	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	203674	90.962	ug/l #	86
59) 2-Hexanone	9.49	43	276815	92.489	ug/l	89
60) Dibromochloromethane	9.58	129	61695	17.347	ug/l	99
61) 1,2-Dibromoethane	9.67	107	58516	17.474	ug/l	100
64) Tetrachloroethene	9.34	164	59604	19.988	ug/l	94
65) Chlorobenzene	10.13	112	149907	18.091	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	57142	17.932	ug/l	99
67) Ethyl Benzene	10.25	91	253250	17.953	ug/l	94
68) m/p-Xylenes	10.35	106	197297	36.143	ug/l	90
69) o-Xylene	10.69	106	96840	17.846	ug/l	89
70) Styrene	10.71	104	164103	17.856	ug/l	95
71) Bromoform	10.85	173	49435	16.875	ug/l #	99
73) Isopropylbenzene	11.02	105	261556	17.660	ug/l	95
74) N-amyl acetate	10.90	43	97869	16.716	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.26	83	85750	16.913	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	71002m	16.731	ug/l	
77) Bromobenzene	11.25	156	71649	17.591	ug/l	79
78) n-propylbenzene	11.36	91	288573	17.501	ug/l	95
79) 2-Chlorotoluene	11.42	91	170076	17.174	ug/l	90
80) 1,3,5-Trimethylbenzene	11.51	105	218559	17.520	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	29441	15.328	ug/l	87
82) 4-Chlorotoluene	11.51	91	193788	17.226	ug/l	89
83) tert-Butylbenzene	11.77	119	220399	17.456	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	219945	17.455	ug/l	95
85) sec-Butylbenzene	11.94	105	259722	17.656	ug/l	96
86) p-Isopropyltoluene	12.06	119	240558	17.888	ug/l	95
87) 1,3-Dichlorobenzene	12.02	146	127080	17.714	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	127833	17.676	ug/l	99
89) n-Butylbenzene	12.38	91	204201	17.641	ug/l	97
90) Hexachloroethane	12.59	117	43114	16.094	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	128078	18.364	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	18105	15.175	ug/l	62

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ClientSampleId :
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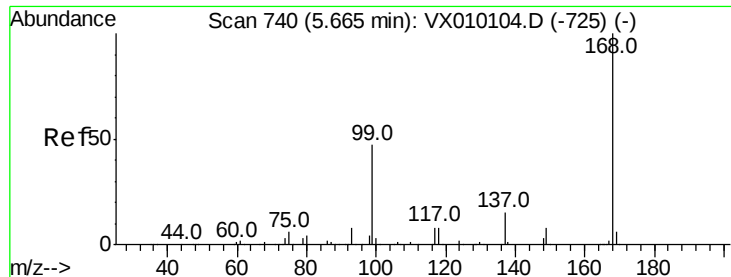
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	91104	17.845	ug/l	97
94) Hexachlorobutadiene	13.78	225	45578	20.074	ug/l	99
95) Naphthalene	13.83	128	281084	17.490	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	92586	18.341	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010318.D

Acq: 17 Jun 2019 12:49

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS01

Tot Ion:168 Resp: 306105

Ion Ratio Lower Upper

168 100

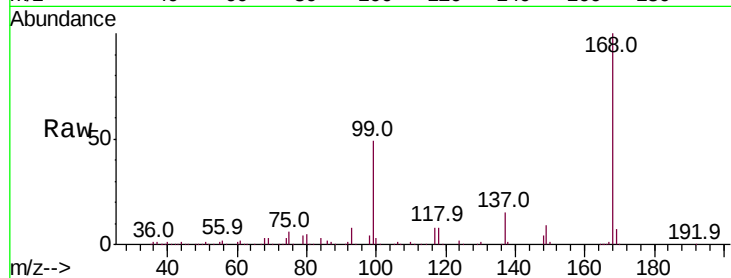
99 48.8 43.0 64.6

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

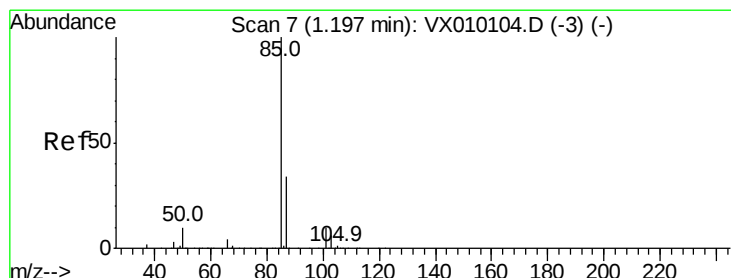
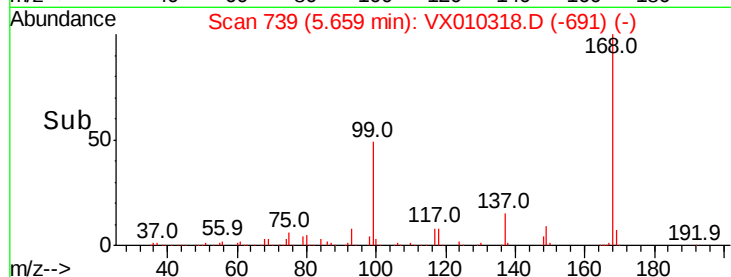
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 17.776 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX010318.D

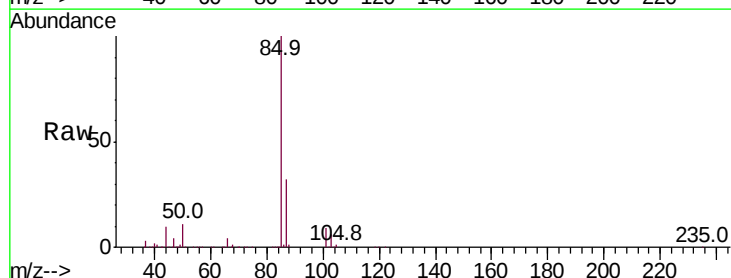
Acq: 17 Jun 2019 12:49

Tgt Ion: 85 Resp: 50067

Ion Ratio Lower Upper

85 100

87 32.4 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

50000

40000

30000

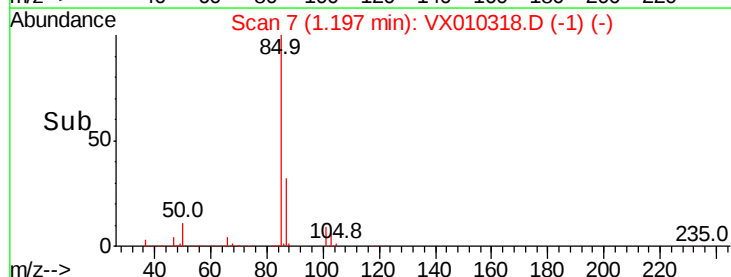
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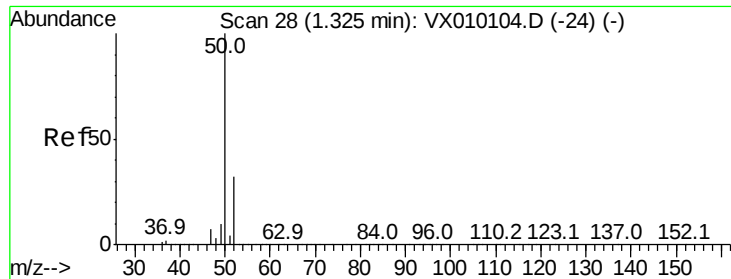
10000

0

1.10 1.20 1.30

Time-->





#3

Chloromethane

Concen: 16.822 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010318.D

Acq: 17 Jun 2019 12:49

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS01

Tot Ion: 50 Resp: 47055

Ion Ratio Lower Upper

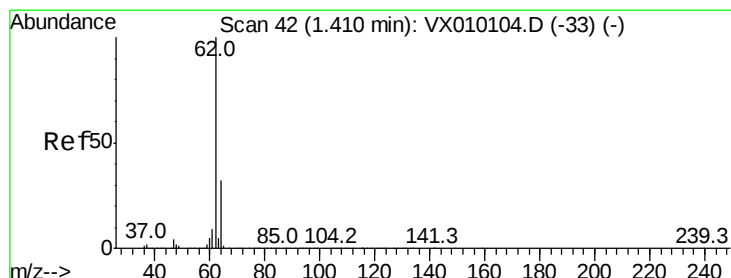
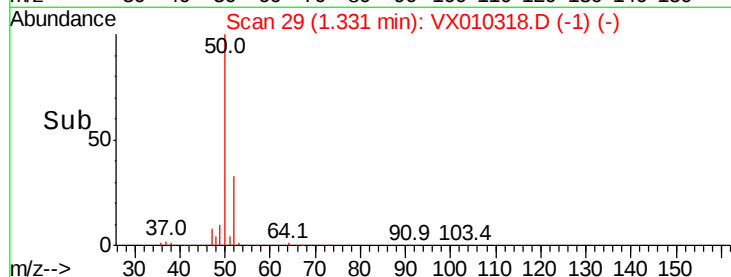
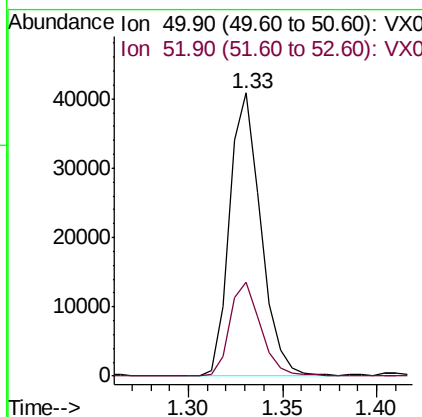
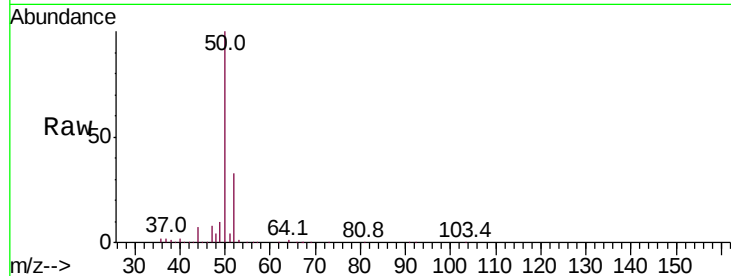
50 100

52 32.8 26.0 39.0

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#4

Vinyl Chloride

Concen: 18.630 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010318.D

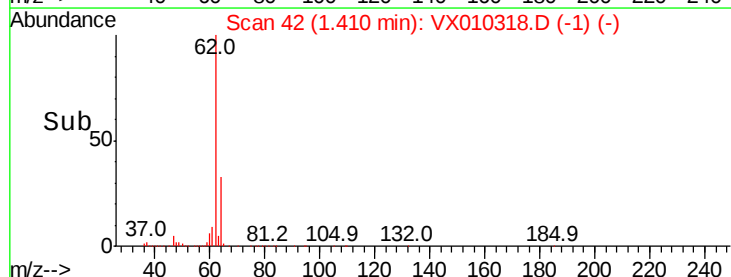
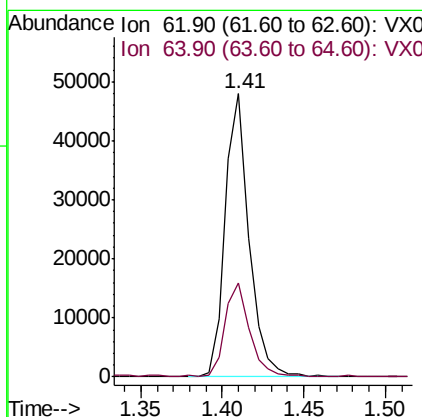
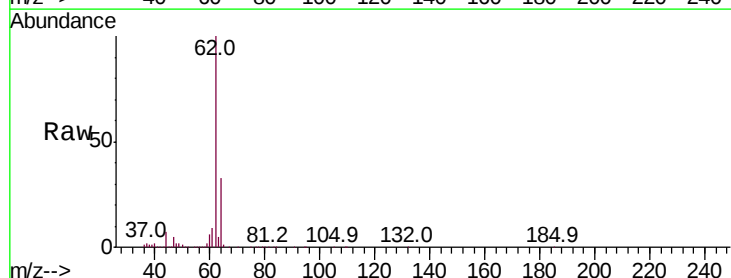
Acq: 17 Jun 2019 12:49

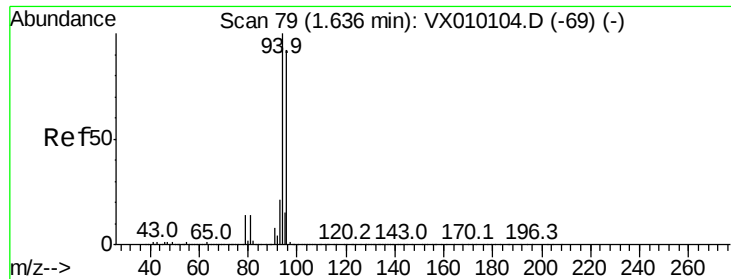
Tgt Ion: 62 Resp: 48978

Ion Ratio Lower Upper

62 100

64 32.7 25.7 38.5





#5

Bromomethane

Concen: 25.399 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX010318.D

Acq: 17 Jun 2019 12:49

Tot Ion: 94 Resp: 25197

Ion Ratio Lower Upper

94 100

96 90.5 76.2 114.4

Instrument :

MSVOA_X

ClientSampleId :

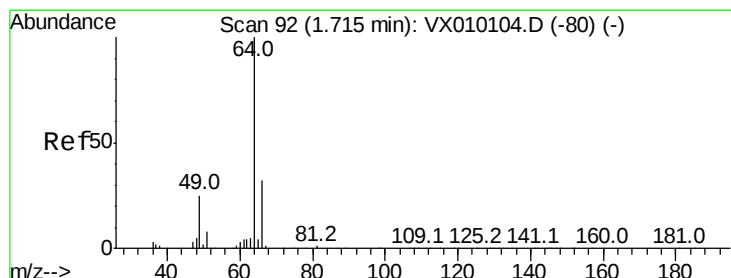
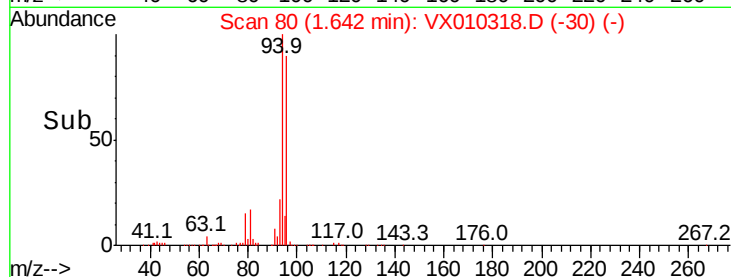
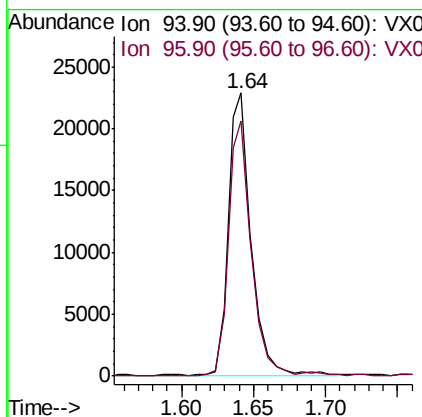
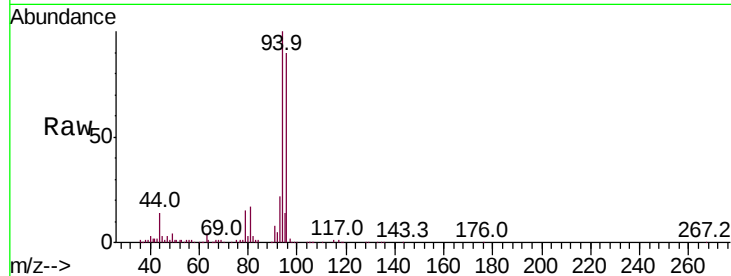
VX0617WBS01

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#6

Chloroethane

Concen: 22.442 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX010318.D

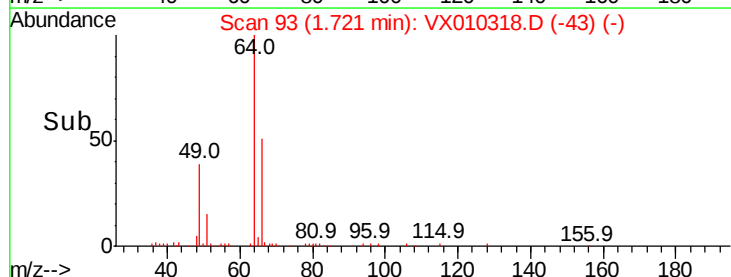
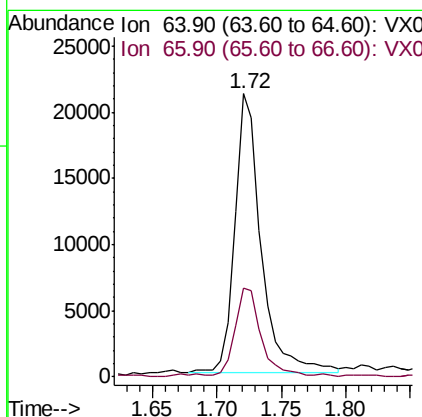
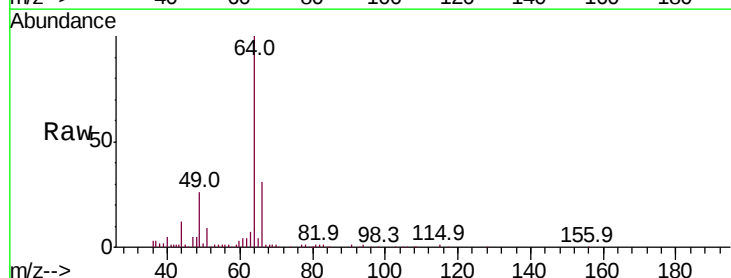
Acq: 17 Jun 2019 12:49

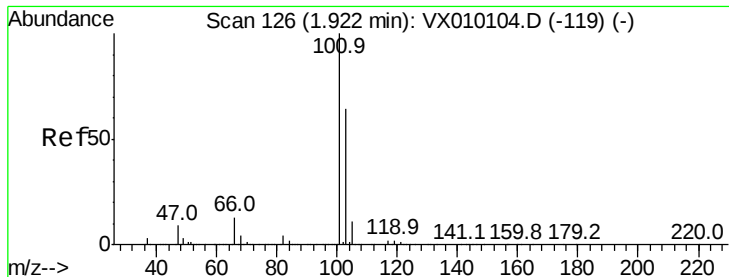
Tgt Ion: 64 Resp: 29747

Ion Ratio Lower Upper

64 100

66 31.4 25.1 37.7





#7

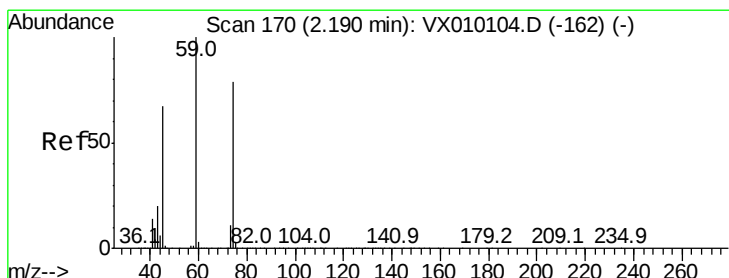
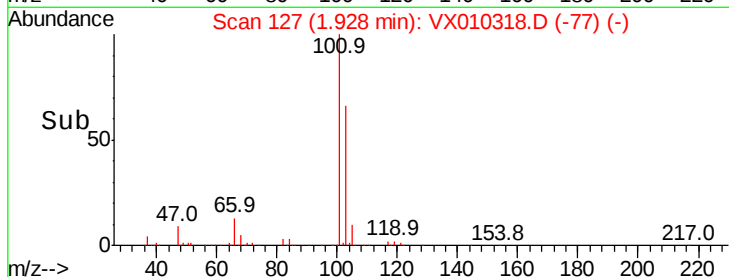
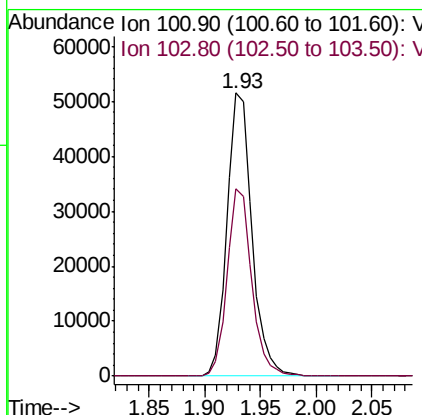
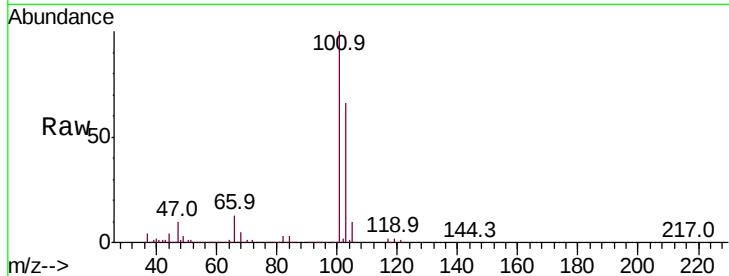
Trichlorofluoromethane
Concen: 20.455 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX010318.D
Acq: 17 Jun 2019 12:49

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ClientSampleId :
VX0617WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.1	52.2	78.4

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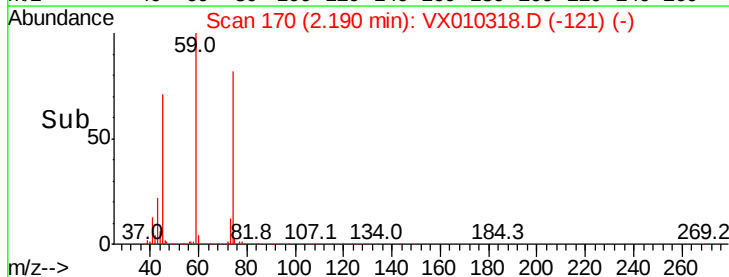
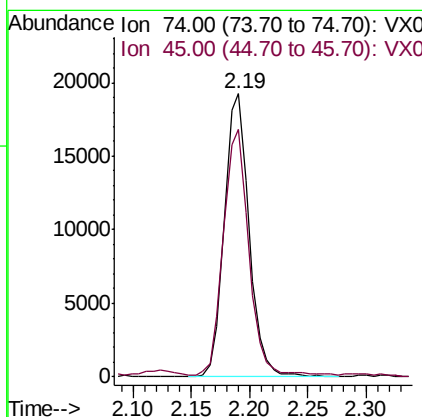
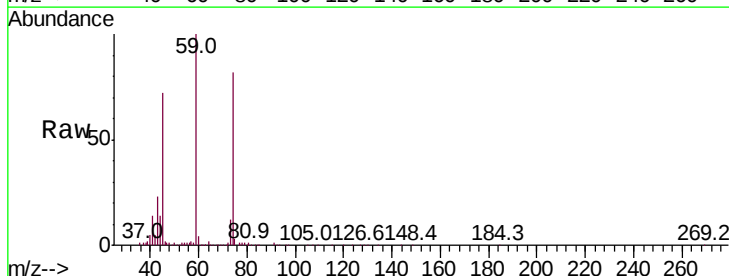
MMDadoda
6/18/2019 11:26:25 AM

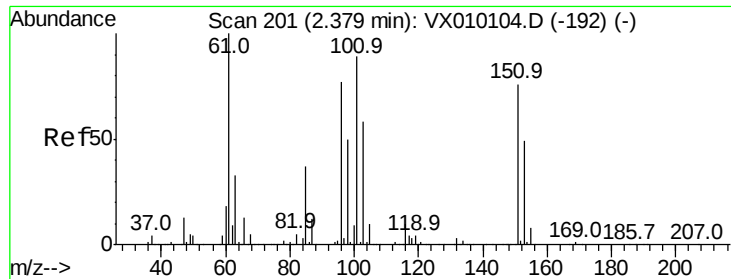


#8

Diethyl Ether
Concen: 21.080 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX010318.D
Acq: 17 Jun 2019 12:49

Tgt Ion	Ratio	Lower	Upper
74	100		
45	89.0	56.1	168.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.881 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX010318.D

Acq: 17 Jun 2019 12:49

Instrument :

MSVOA_X

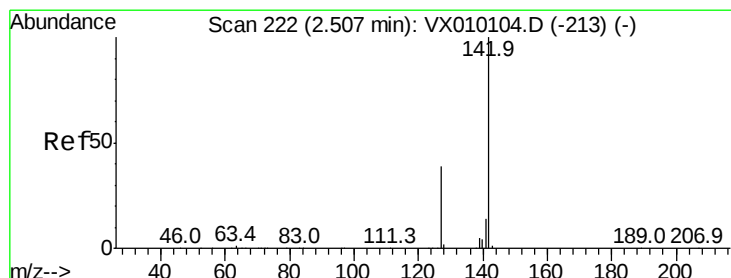
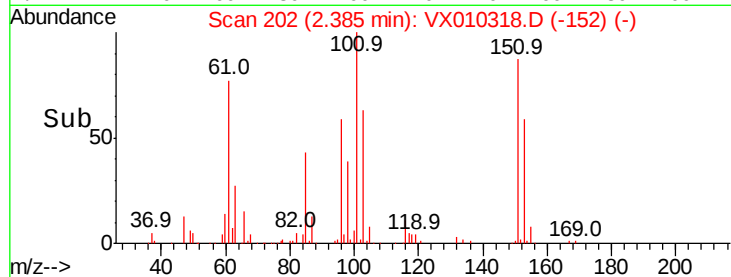
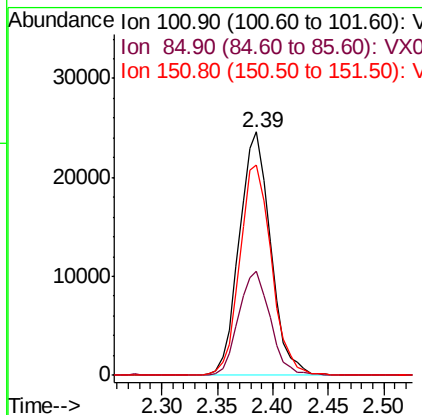
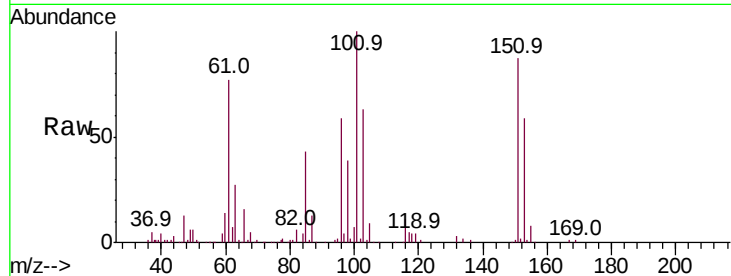
ClientSampleId :

VX0617WBS01

Tot Ion:	101	Resp:	48134
Ion Ratio	Lower	Upper	
101	100		
85	43.3	35.2	52.8
151	87.7	61.9	92.9

Manual Integrations
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#10

Methyl Iodide

Concen: 13.250 ug/l

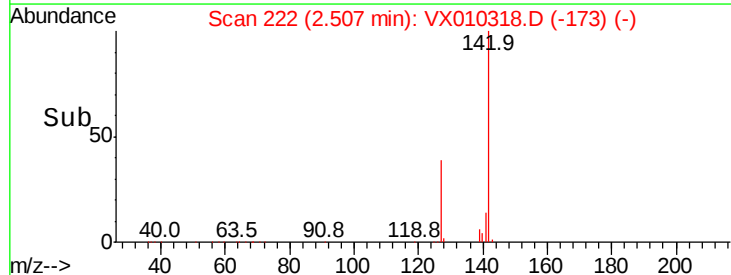
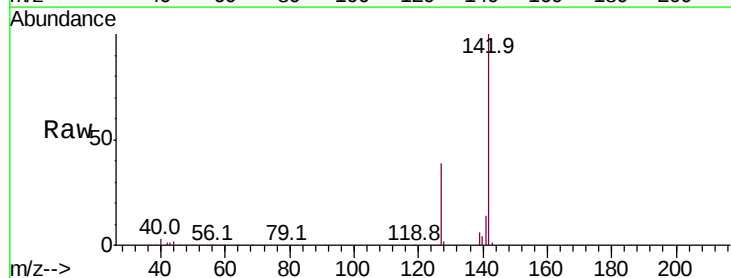
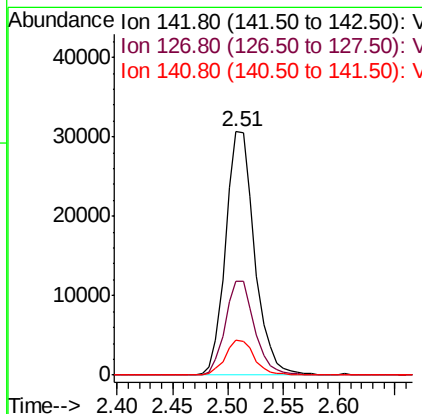
RT: 2.51 min Scan# 222

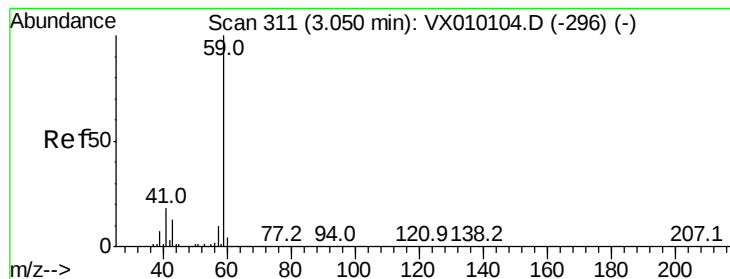
Delta R.T. -0.00 min

Lab File: VX010318.D

Acq: 17 Jun 2019 12:49

Tgt Ion:	142	Resp:	55262
Ion Ratio	Lower	Upper	
142	100		
127	39.2	33.0	49.4
141	14.5	11.4	17.0





#11

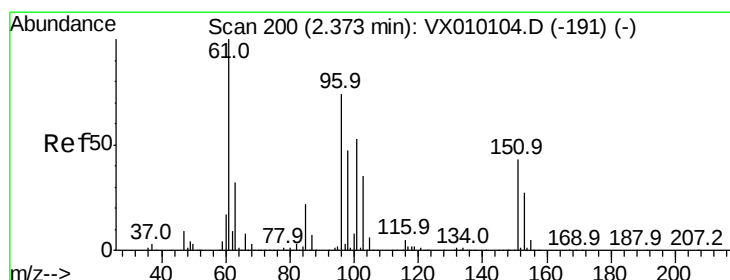
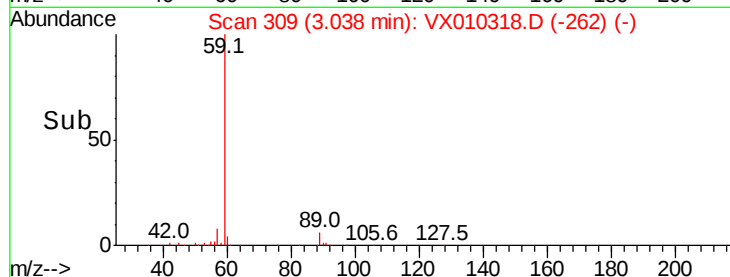
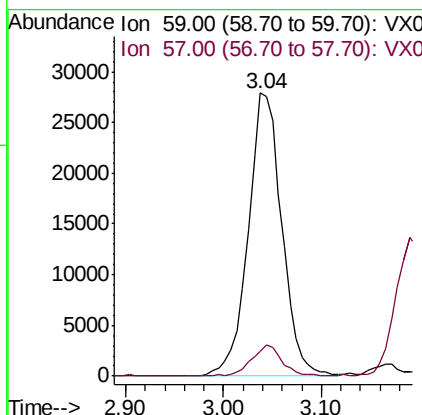
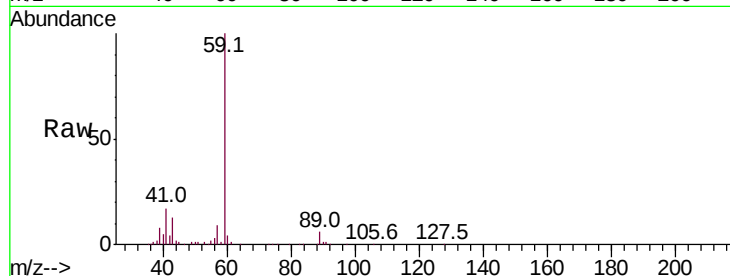
Tert butyl alcohol
Concen: 90.874 ug/l
RT: 3.04 min Scan# 309
Delta R.T. -0.01 min
Lab File: VX010318.D
Acq: 17 Jun 2019 12:49

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS01

Tot Ion: 59 Resp: 66516
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.2

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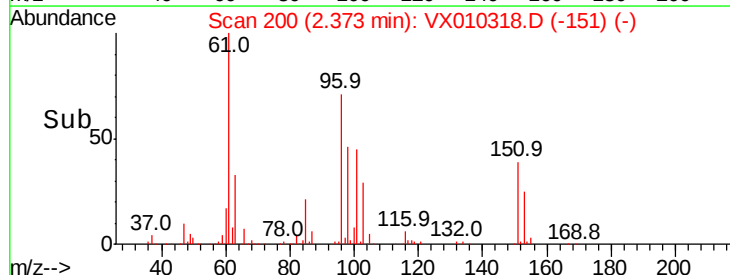
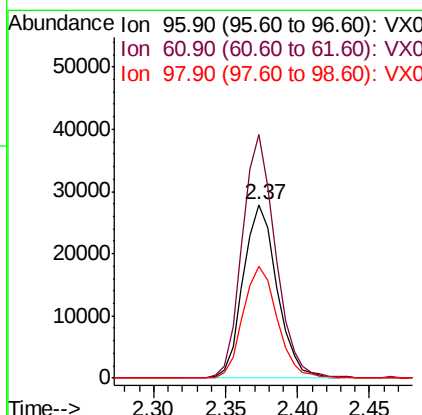
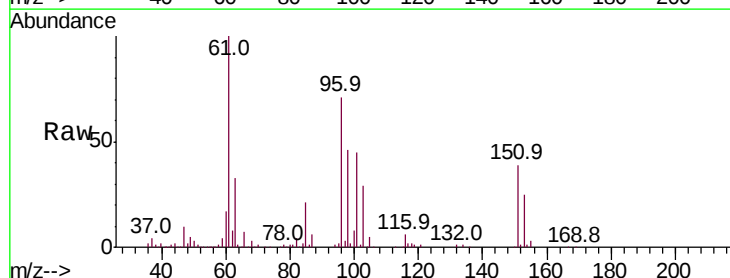
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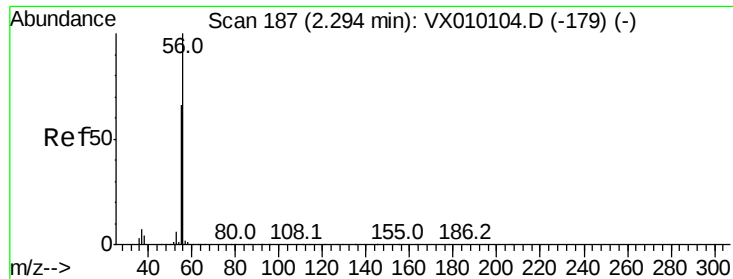


#12

1,1-Dichloroethene
Concen: 16.553 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX010318.D
Acq: 17 Jun 2019 12:49

Tgt Ion: 96 Resp: 45512
Ion Ratio Lower Upper
96 100
61 140.6 140.7 211.1#
98 64.2 50.1 75.1





#13

Acrolein

Concen: 55.602 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX010318.D

Acq: 17 Jun 2019 12:49

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS01

Tot Ion: 56 Resp: 7421

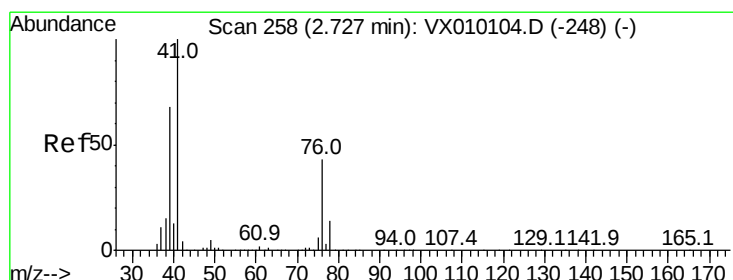
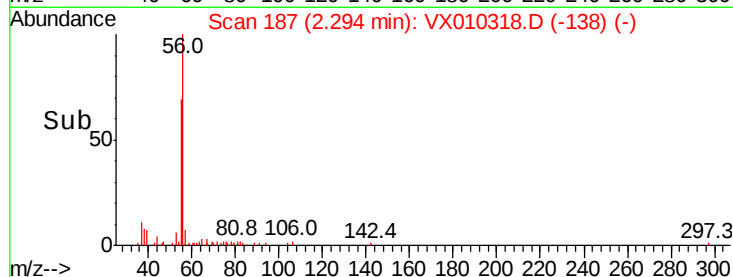
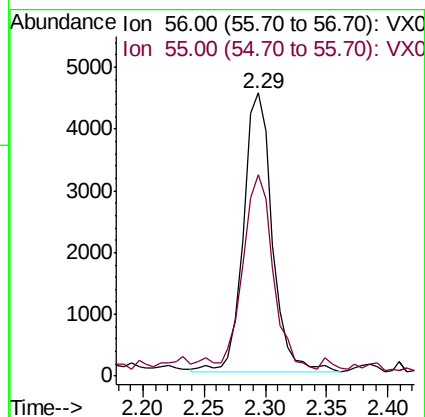
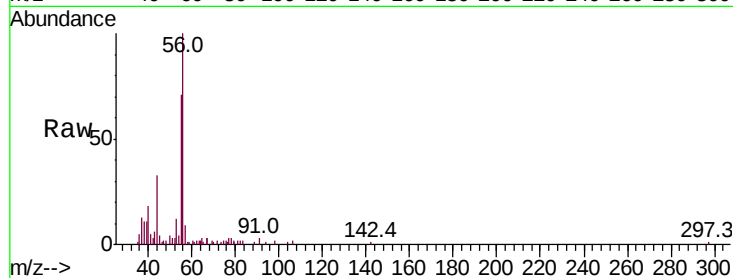
Ion Ratio Lower Upper

56 100

55 72.1 57.0 85.4

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#14

Allyl chloride

Concen: 16.303 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX010318.D

Acq: 17 Jun 2019 12:49

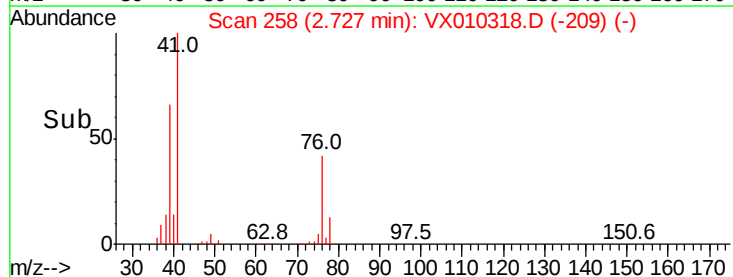
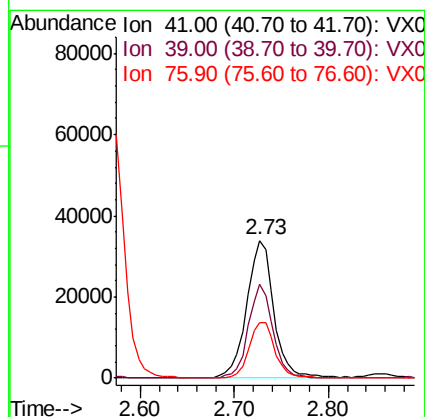
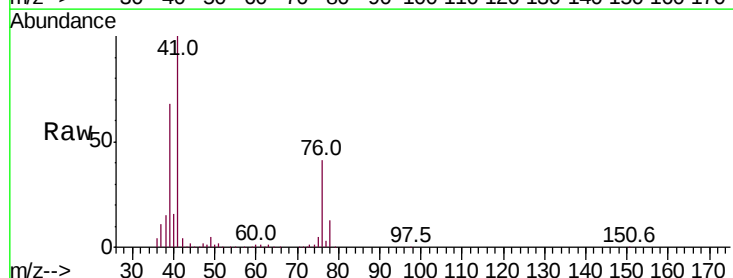
Tgt Ion: 41 Resp: 67662

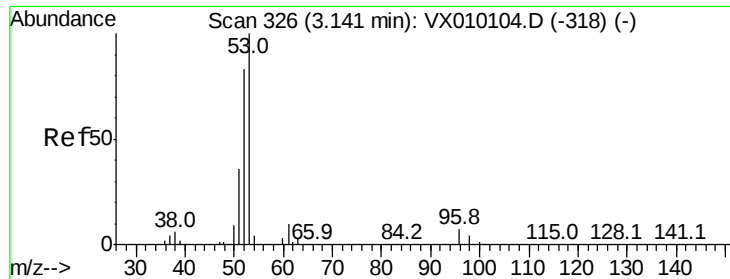
Ion Ratio Lower Upper

41 100

39 61.4 46.7 70.1

76 39.1 21.0 31.4#





#15

Acrylonitrile

Concen: 86.110 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX010318.D

Acq: 17 Jun 2019 12:49

Instrument :

MSVOA_X

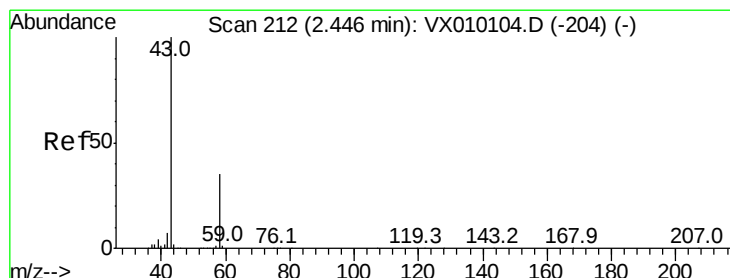
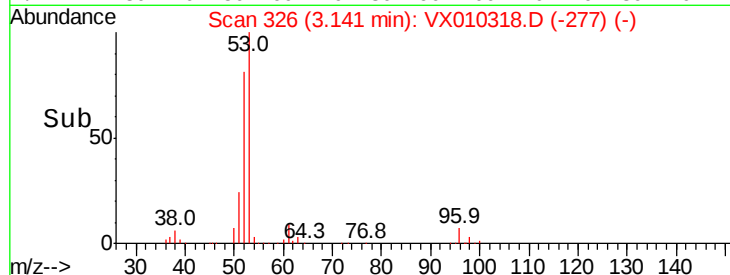
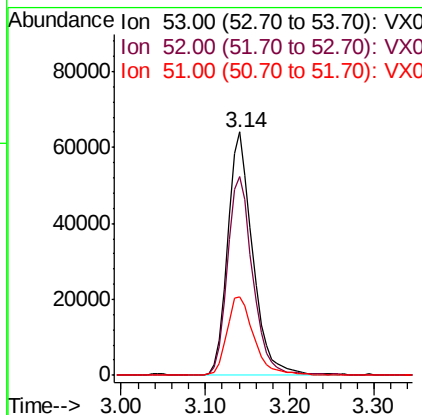
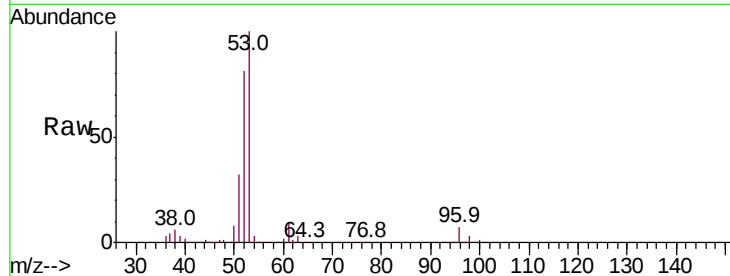
ClientSampleId :

VX0617WBS01

Tot Ion	53	Resp	128830
Ion	Ratio	Lower	Upper
53	100		
52	83.2	66.7	100.1
51	34.5	28.8	43.2

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#16

Acetone

Concen: 89.928 ug/l

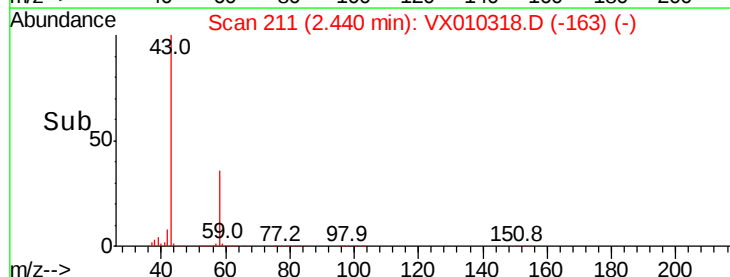
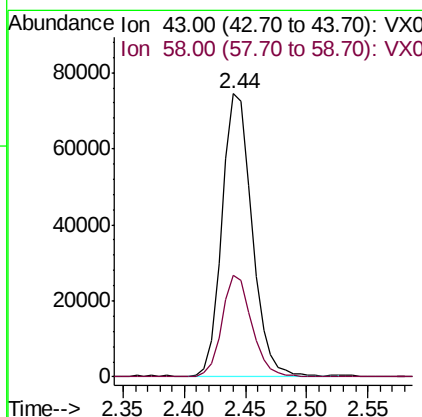
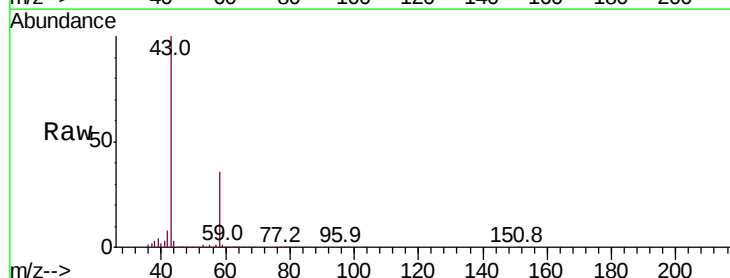
RT: 2.44 min Scan# 211

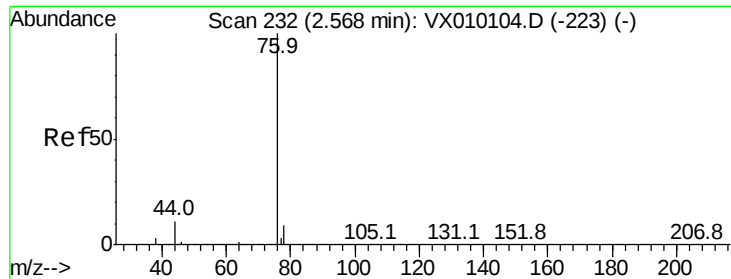
Delta R.T. -0.01 min

Lab File: VX010318.D

Acq: 17 Jun 2019 12:49

Tgt Ion	43	Resp	126380
Ion	Ratio	Lower	Upper
43	100		
58	35.8	23.2	34.8#





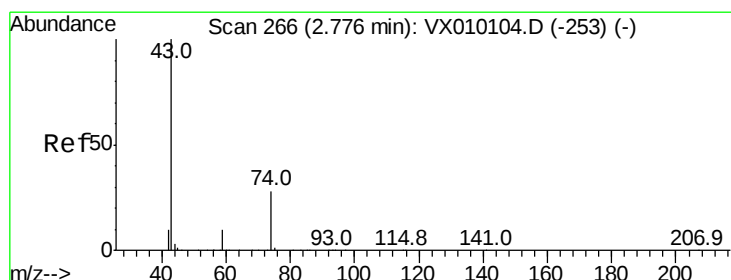
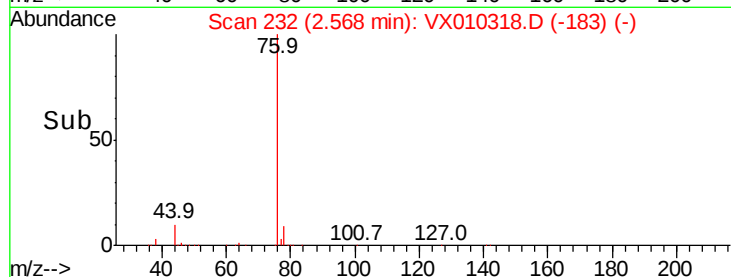
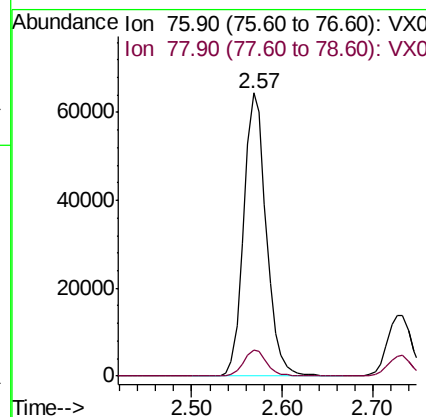
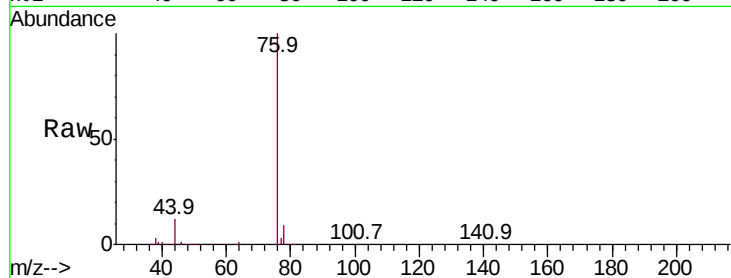
#17
Carbon Disulfide
Concen: 13.998 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX010318.D
Acq: 17 Jun 2019 12:49

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.0	10.6

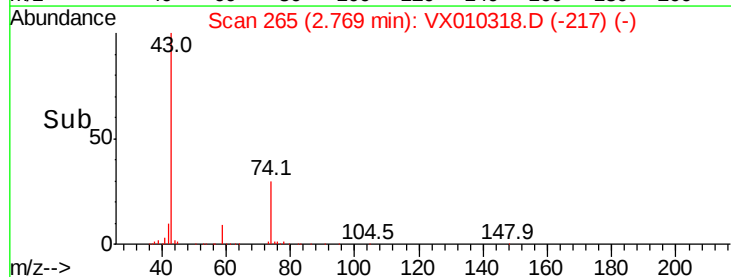
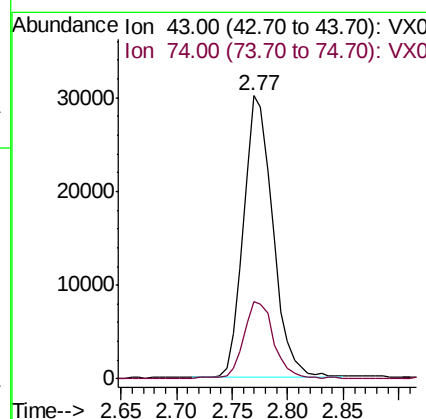
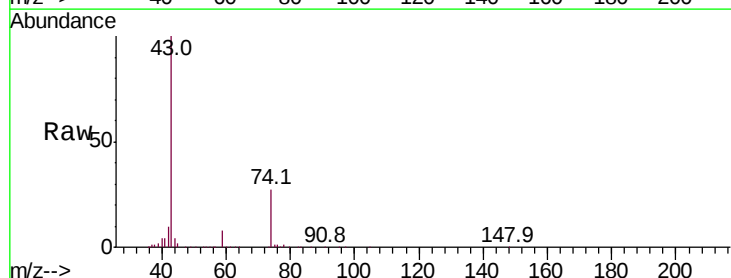
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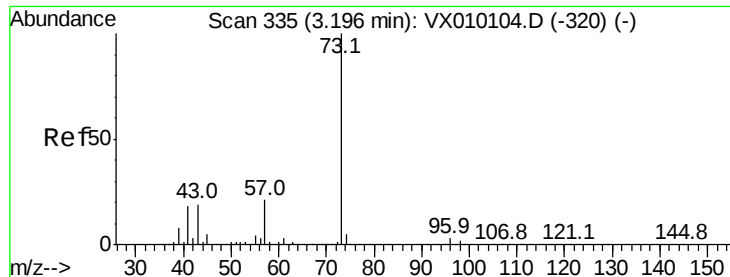
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#18
Methyl Acetate
Concen: 17.945 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX010318.D
Acq: 17 Jun 2019 12:49

Tgt Ion	Ratio	Lower	Upper
43	100		
74	28.8	15.8	23.6#





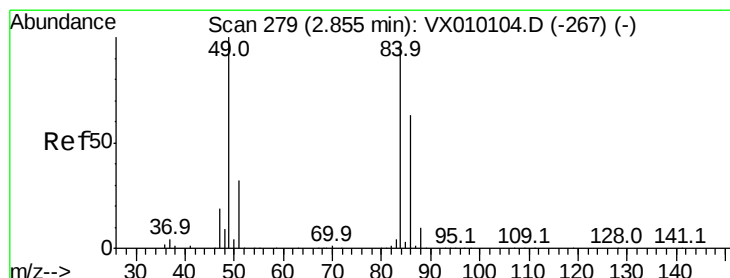
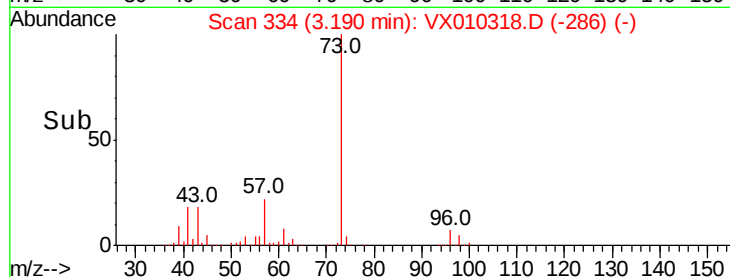
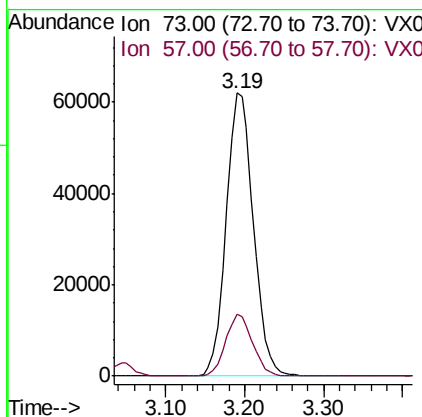
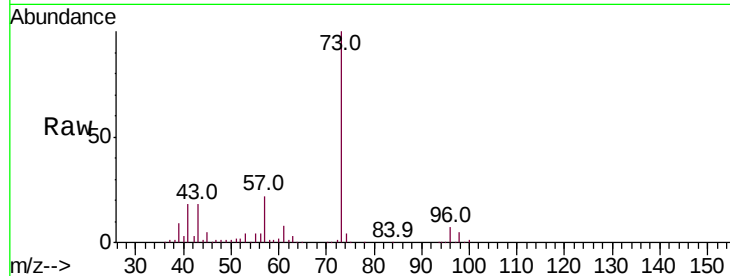
#19
Methyl tert-butyl Ether
Concen: 16.869 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX010318.D
Acq: 17 Jun 2019 12:49

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS01

Tot Ion: 73 Resp: 149007
Ion Ratio Lower Upper
73 100
57 21.9 19.4 29.2

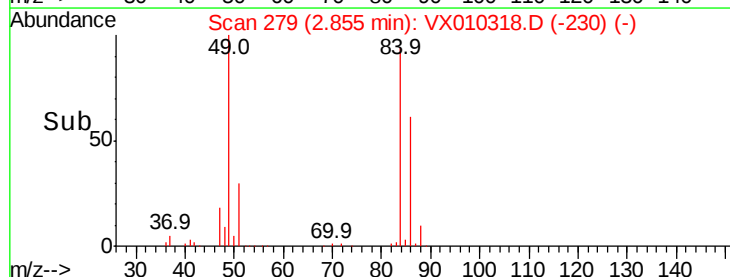
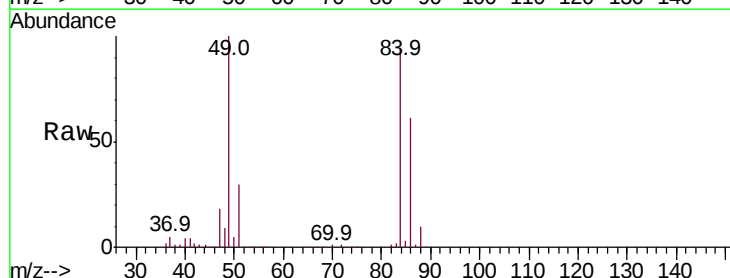
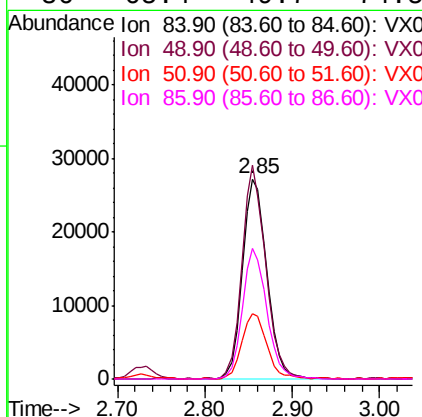
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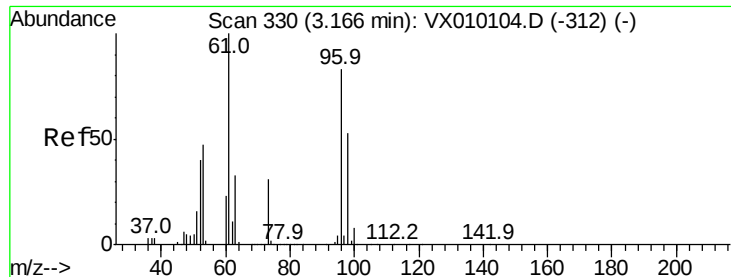
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#20
Methylene Chloride
Concen: 17.104 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX010318.D
Acq: 17 Jun 2019 12:49

Tgt Ion: 84 Resp: 52788
Ion Ratio Lower Upper
84 100
49 106.5 115.8 173.6#
51 32.4 34.4 51.6#
86 65.4 49.7 74.5





#21

trans-1,2-Dichloroethene

Concen: 15.907 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX010318.D

Acq: 17 Jun 2019 12:49

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS01

Tot Ion: 96 Resp: 48400

Ion Ratio Lower Upper

96 100

61 116.9 125.7 188.5#

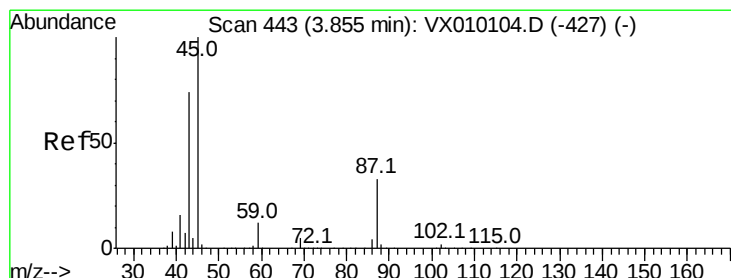
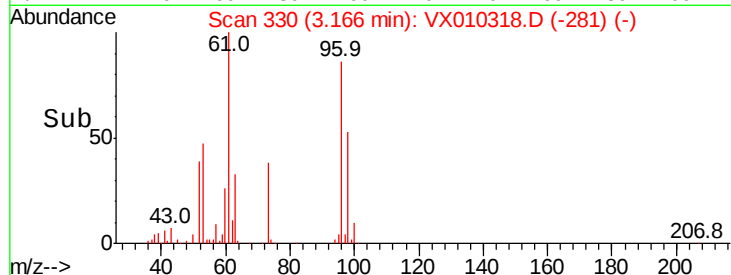
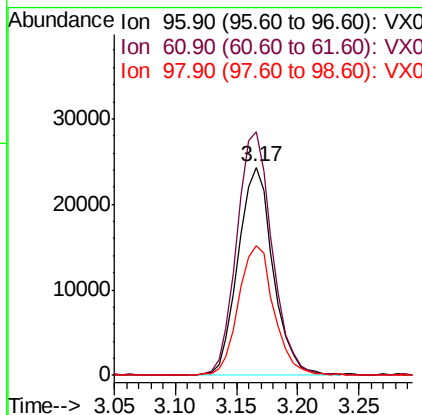
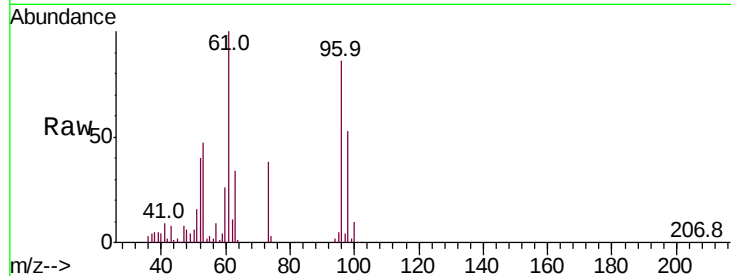
98 62.4 49.0 73.6

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6/18/2019 11:26:25 AM



#22

Diisopropyl ether

Concen: 17.669 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX010318.D

Acq: 17 Jun 2019 12:49

Tgt Ion: 45 Resp: 140208

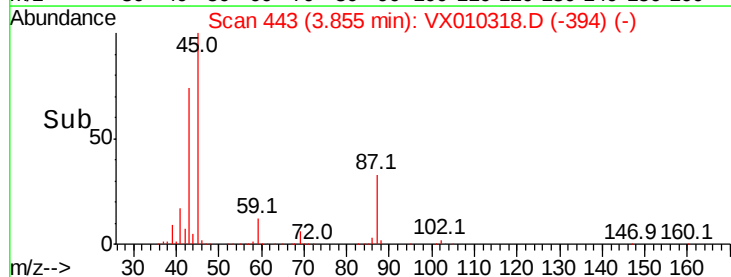
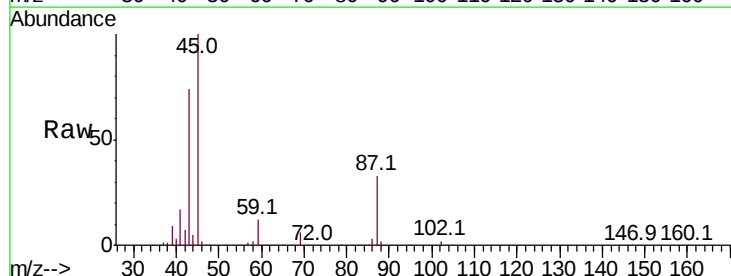
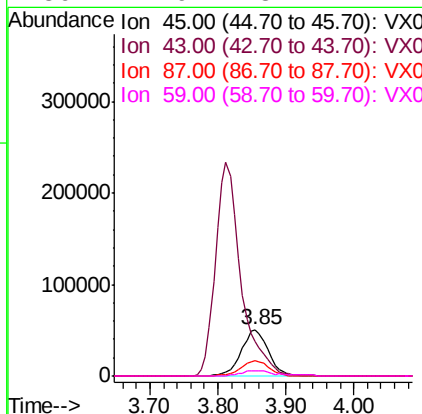
Ion Ratio Lower Upper

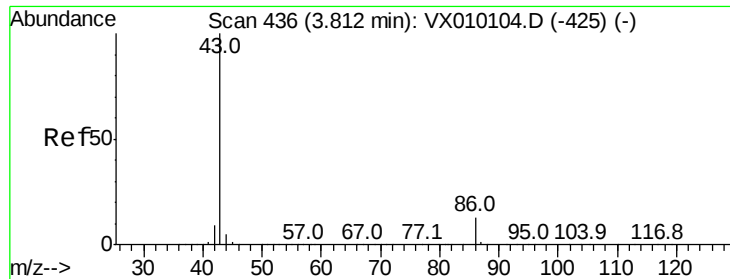
45 100

43 73.5 65.0 97.4

87 32.6 17.3 25.9#

59 11.9 8.1 12.1





#23

Vinyl Acetate

Concen: 85.680 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.00 min

Lab File: VX010318.D

Acq: 17 Jun 2019 12:49

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS01

Tot Ion: 43 Resp: 606523

Ion Ratio Lower Upper

43 100

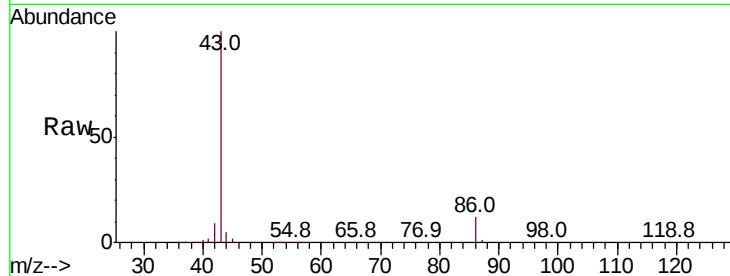
86 12.1 6.5 9.7#

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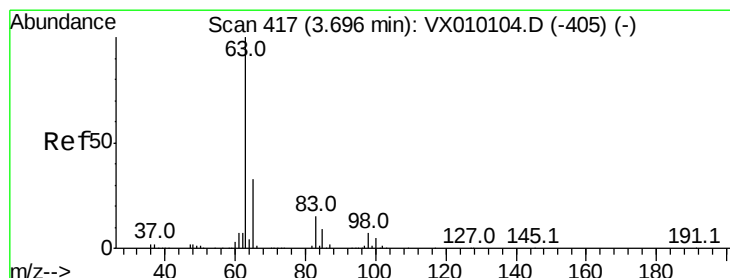
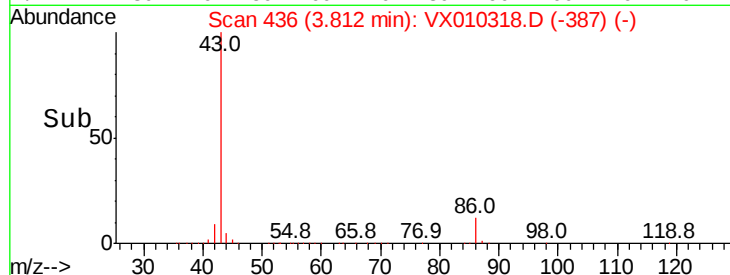
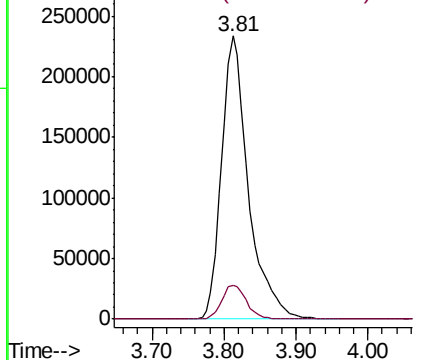
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6/18/2019 11:26:25 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 16.639 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX010318.D

Acq: 17 Jun 2019 12:49

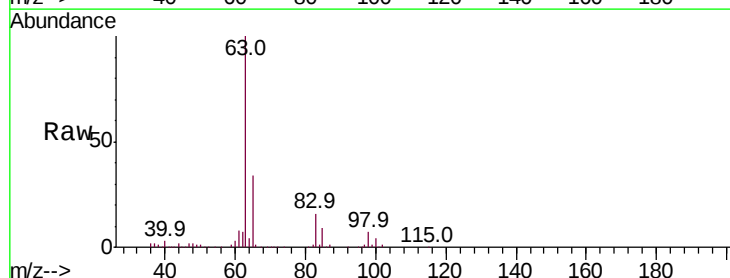
Tgt Ion: 63 Resp: 80163

Ion Ratio Lower Upper

63 100

98 7.1 2.9 8.8

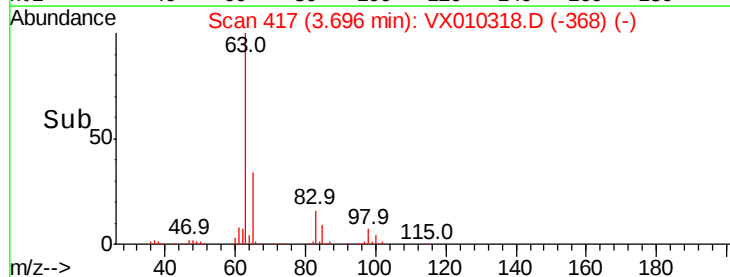
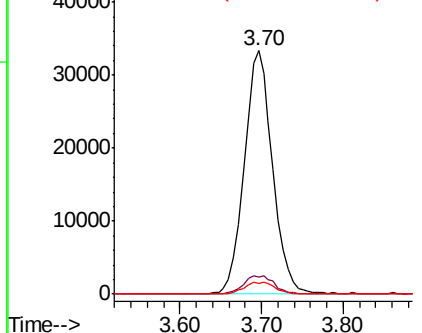
100 4.4 1.8 5.4

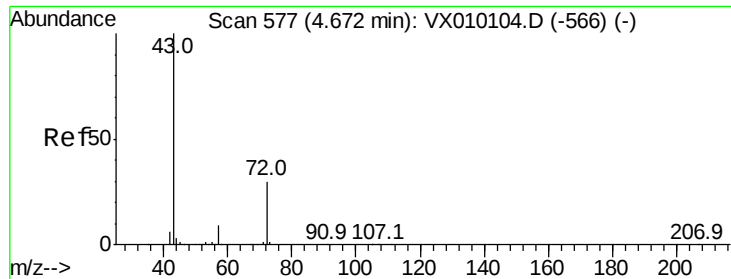


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 87.454 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX010318.D

Acq: 17 Jun 2019 12:49

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS01

Tot Ion: 43 Resp: 183014

Ion Ratio Lower Upper

43 100

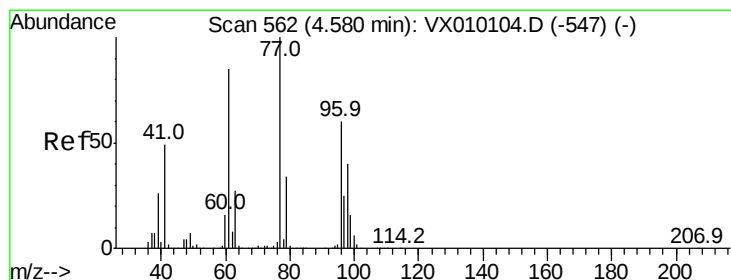
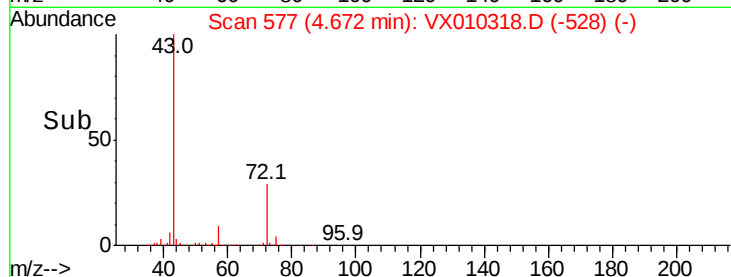
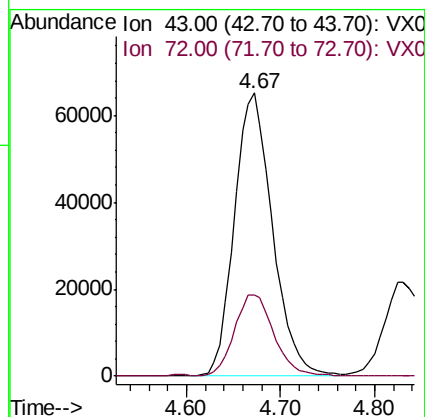
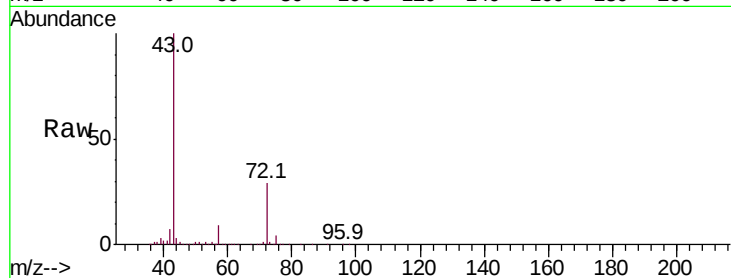
72 28.4 17.5 26.3#

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6/18/2019 11:26:25 AM



#26

2,2-Dichloropropane

Concen: 16.466 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX010318.D

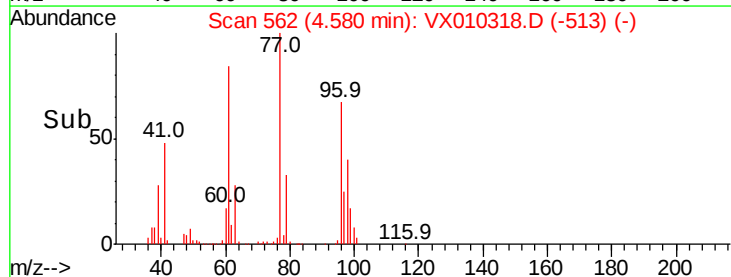
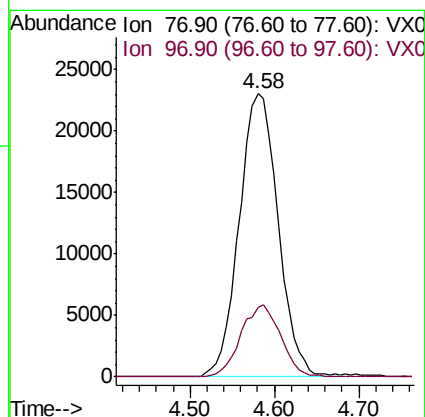
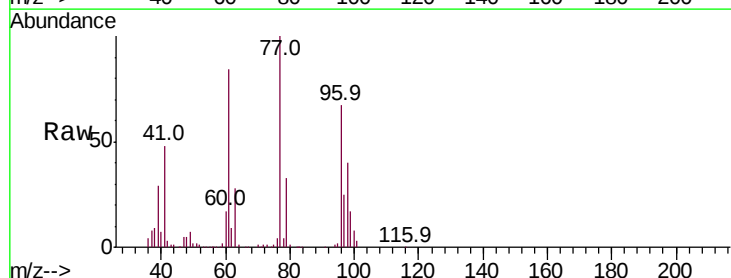
Acq: 17 Jun 2019 12:49

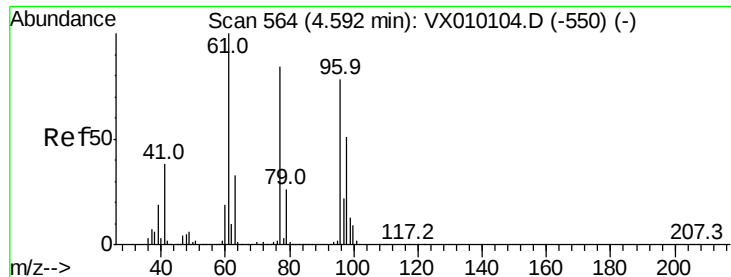
Tgt Ion: 77 Resp: 72372

Ion Ratio Lower Upper

77 100

97 26.0 11.4 34.2





#27

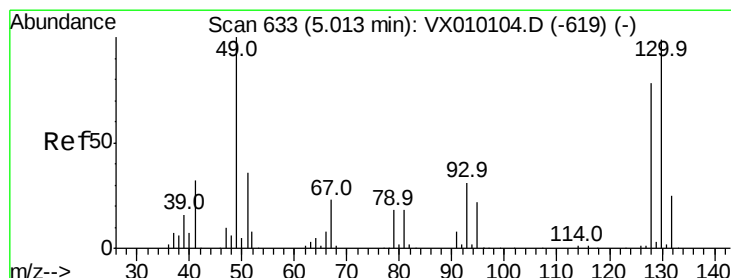
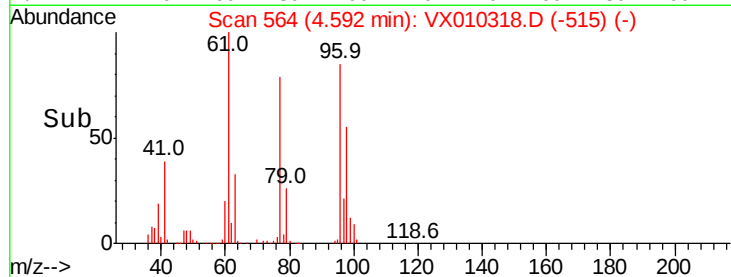
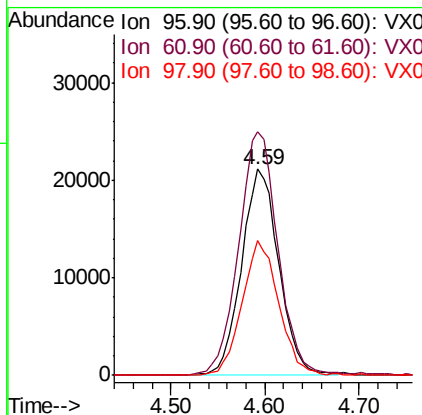
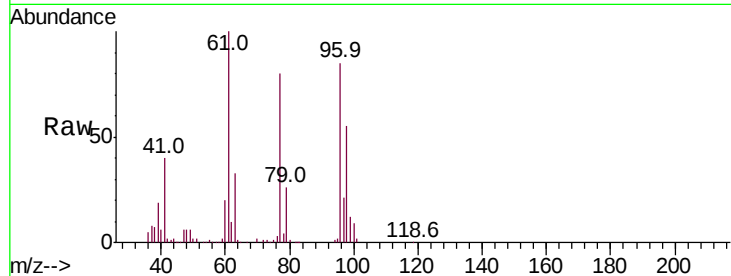
cis-1,2-Dichloroethene
 Concen: 17.302 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.00 min
 Lab File: VX010318.D
 Acq: 17 Jun 2019 12:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	58568		
61	124.2	0.0	334.0	
98	64.6	0.0	131.6	

Manual Integrations
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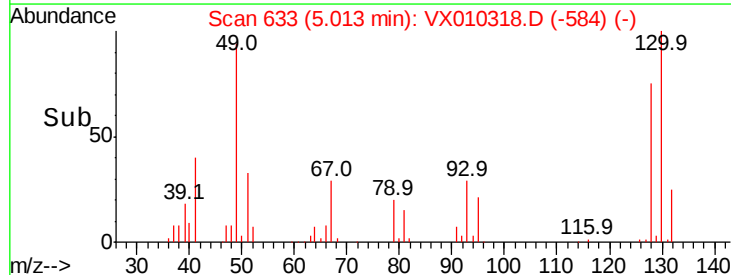
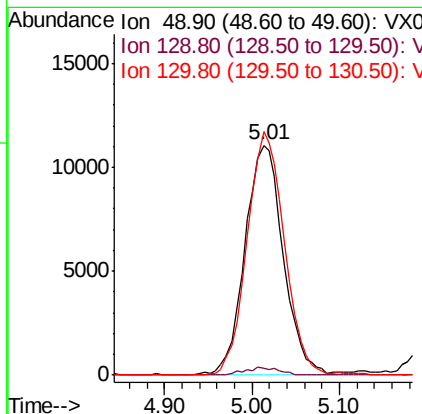
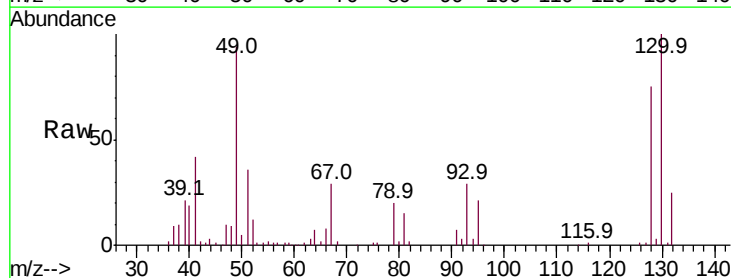
MMDadoda
 6/18/2019 11:26:25 AM

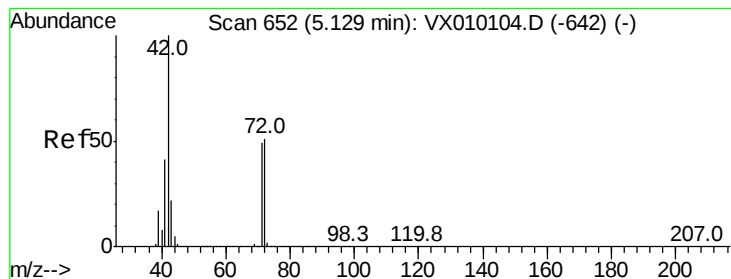


#28

Bromochloromethane
 Concen: 15.659 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.00 min
 Lab File: VX010318.D
 Acq: 17 Jun 2019 12:49

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	33812		
129	2.9	0.0	3.4	
130	102.4	49.4	74.2#	





#29

Tetrahydrofuran

Concen: 84.879 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX010318.D

Acq: 17 Jun 2019 12:49

Instrument :

MSVOA_X

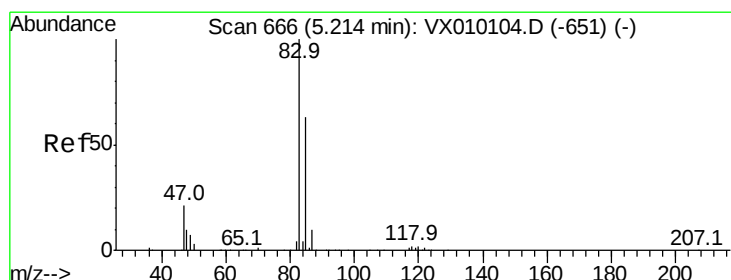
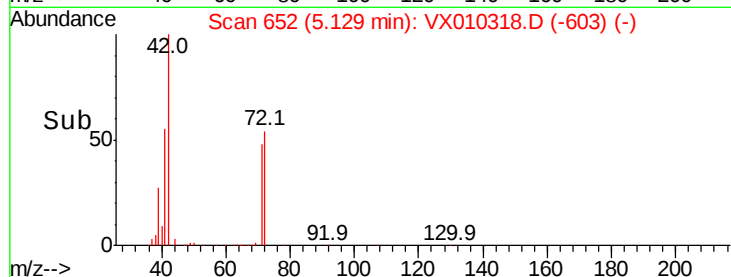
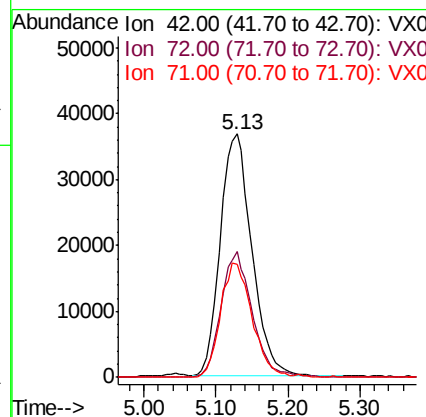
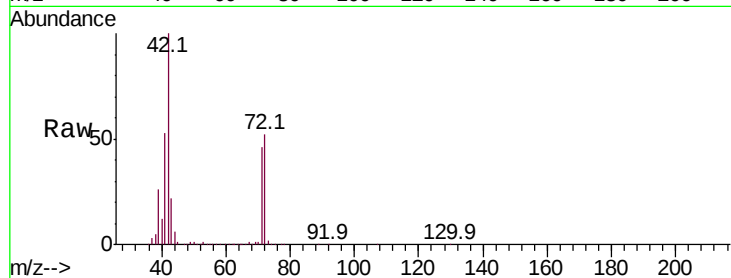
ClientSampleId :

VX0617WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	51.7	29.2	43.8#
71	47.5	27.6	41.4#

Manual Integrations
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#30

Chloroform

Concen: 17.392 ug/l

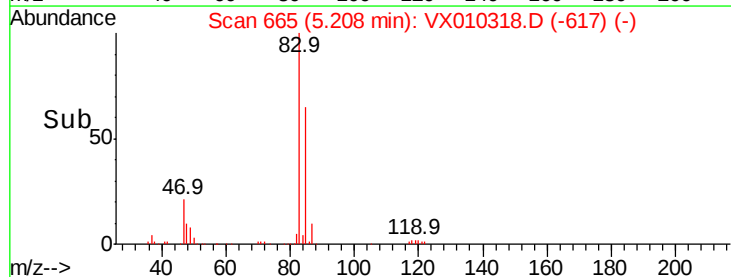
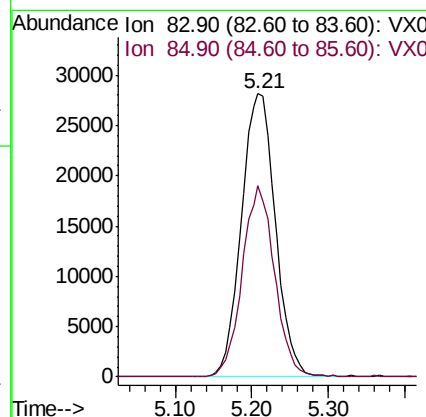
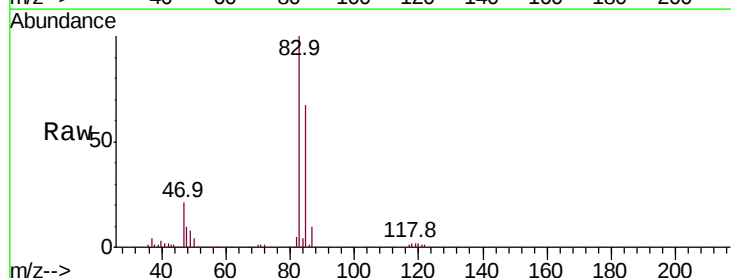
RT: 5.21 min Scan# 665

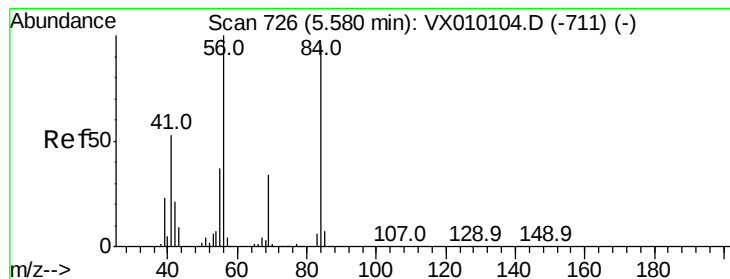
Delta R.T. -0.01 min

Lab File: VX010318.D

Acq: 17 Jun 2019 12:49

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.5	52.6	78.8





#31

Cyclohexane

Concen: 16.557 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX010318.D

Acq: 17 Jun 2019 12:49

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS01

Tot Ion: 56 Resp: 71992

Ion Ratio Lower Upper

56 100

69 32.6 21.6 32.4#

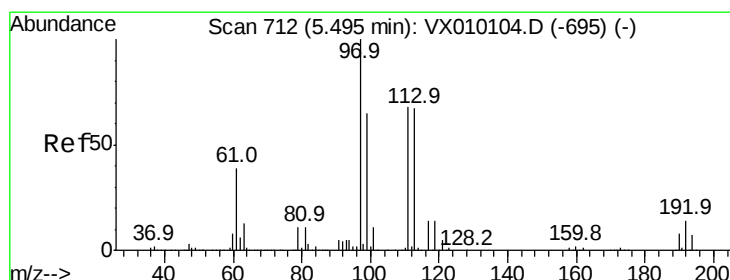
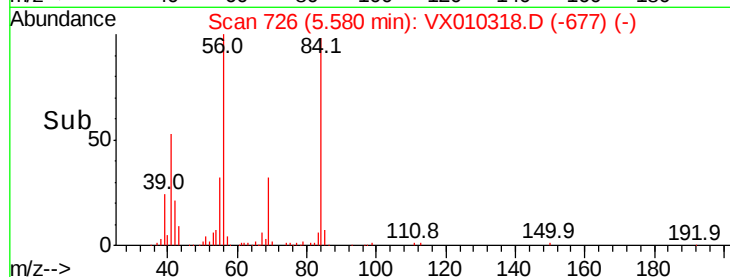
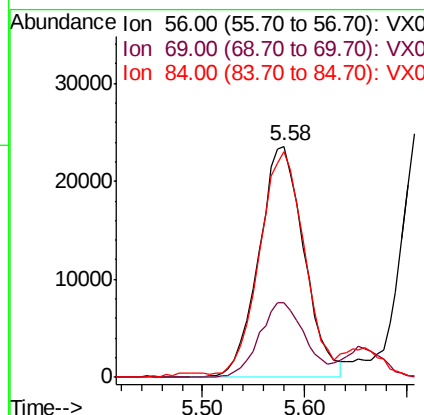
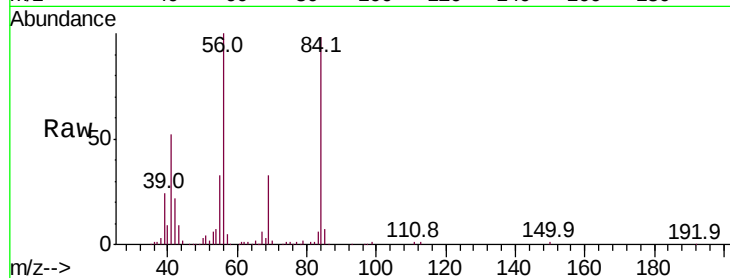
84 96.0 56.8 85.2#

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 16.552 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX010318.D

Acq: 17 Jun 2019 12:49

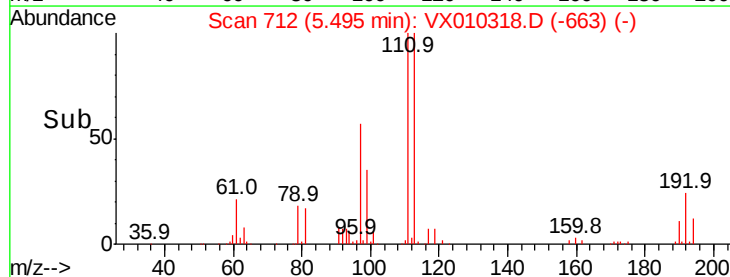
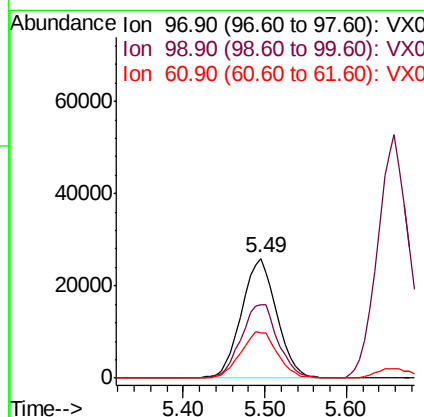
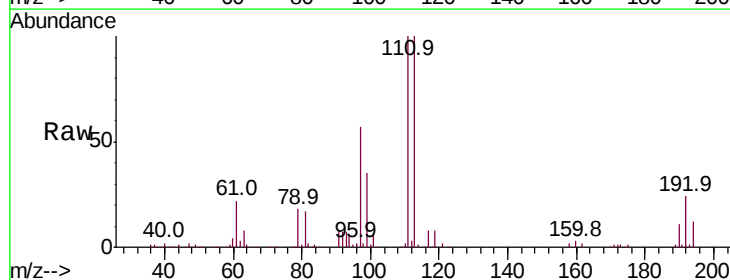
Tgt Ion: 97 Resp: 77857

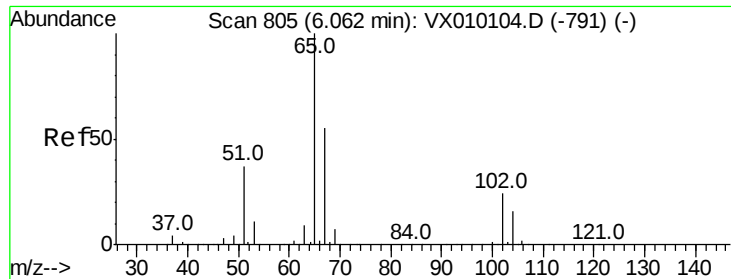
Ion Ratio Lower Upper

97 100

99 64.1 51.0 76.4

61 40.8 38.7 58.1





#33

1,2-Dichloroethane-d4

Concen: 43.190 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010318.D

Acq: 17 Jun 2019 12:49

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS01

Tot Ion: 65 Resp: 129049

Ion Ratio Lower Upper

65 100

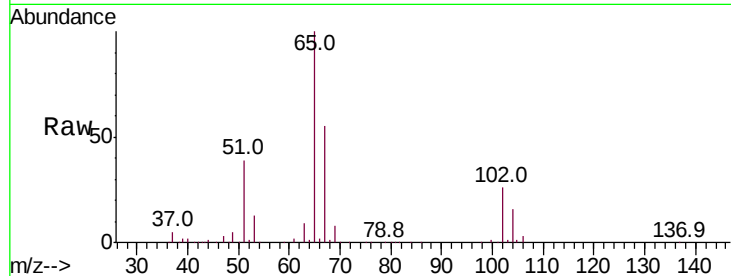
67 55.4 0.0 108.4

Manual Integrations

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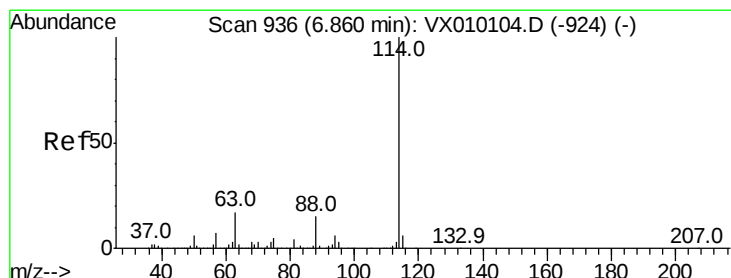
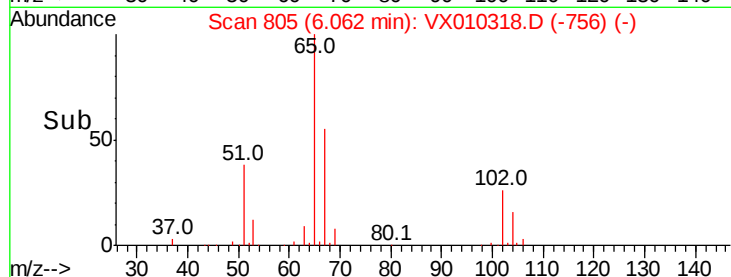
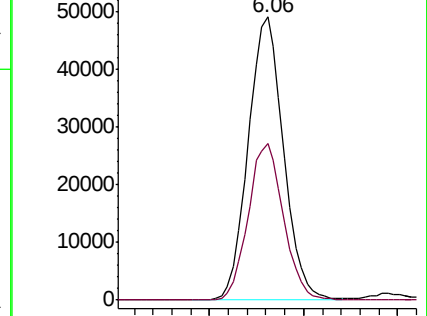
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX010318.D

Acq: 17 Jun 2019 12:49

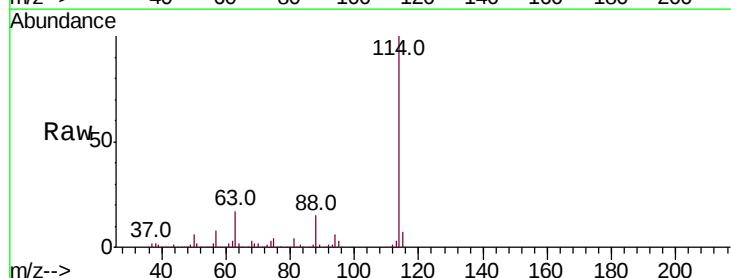
Tgt Ion: 114 Resp: 442724

Ion Ratio Lower Upper

114 100

63 16.9 0.0 47.4

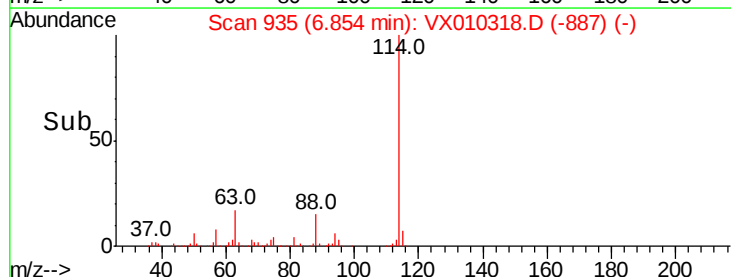
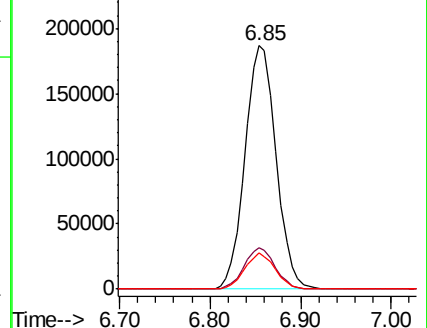
88 14.7 0.0 33.0

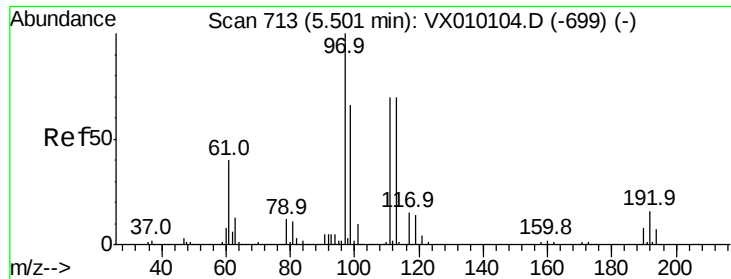


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.677 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX010318.D

Acq: 17 Jun 2019 12:49

Instrument :

MSVOA_X

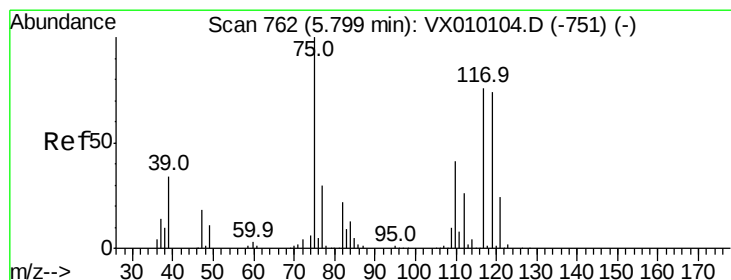
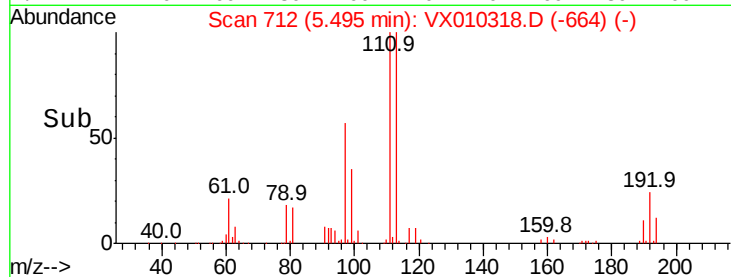
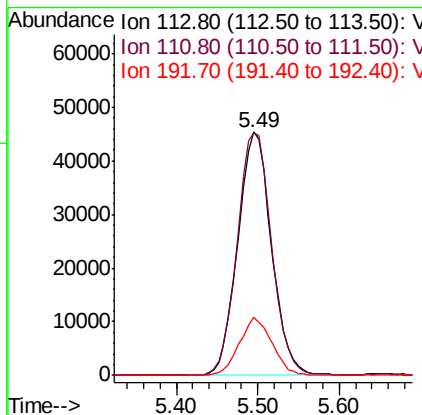
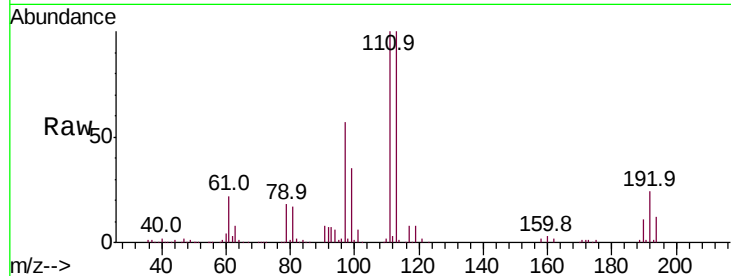
ClientSampleId :

VX0617WBS01

Tot Ion:	113	Resp:	130198
Ion Ratio	Lower	Upper	
113	100		
111	101.9	82.2	123.2
192	23.3	17.1	25.7

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#36

1,1-Dichloropropene

Concen: 17.074 ug/l

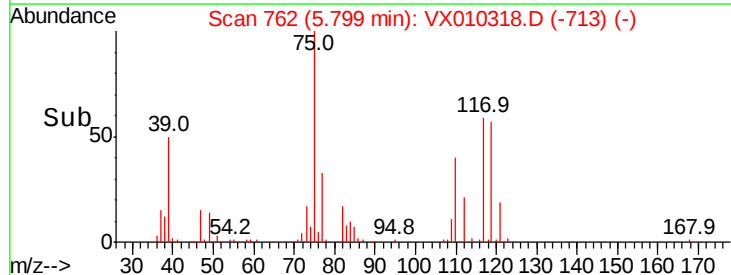
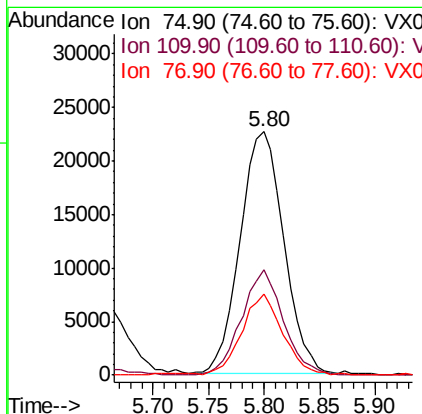
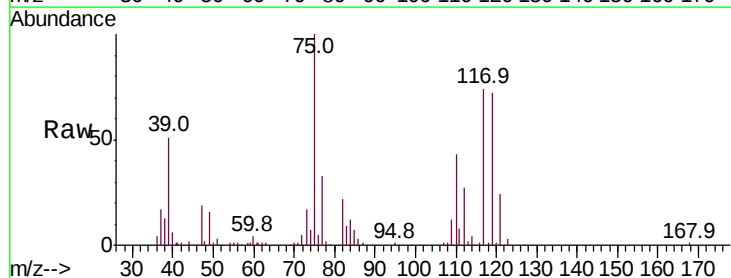
RT: 5.80 min Scan# 762

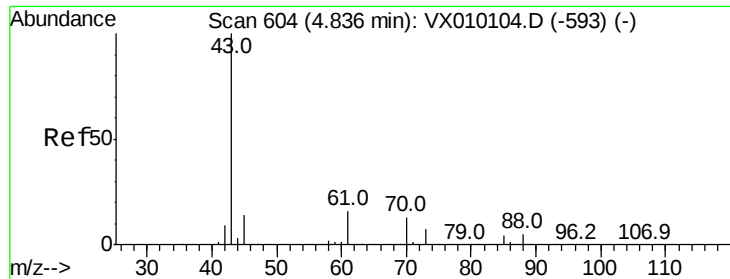
Delta R.T. -0.00 min

Lab File: VX010318.D

Acq: 17 Jun 2019 12:49

Tgt Ion:	75	Resp:	61669
Ion Ratio	Lower	Upper	
75	100		
110	41.6	16.7	50.1
77	31.4	25.0	37.4





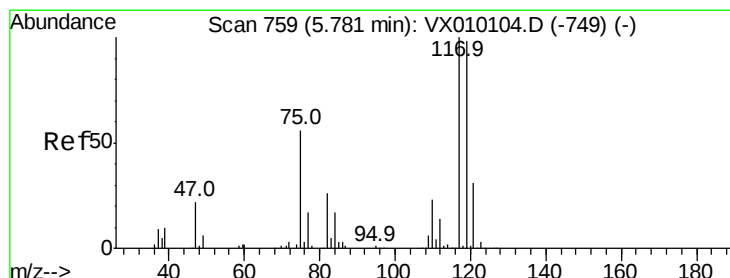
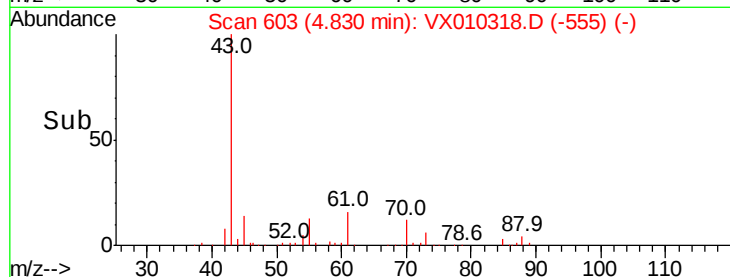
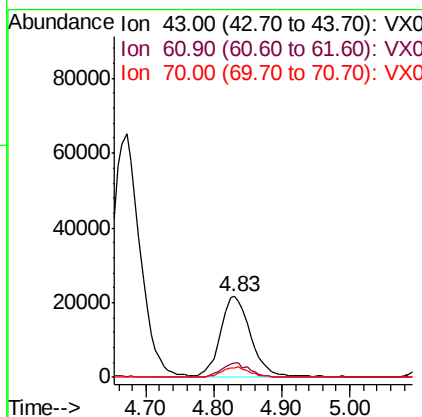
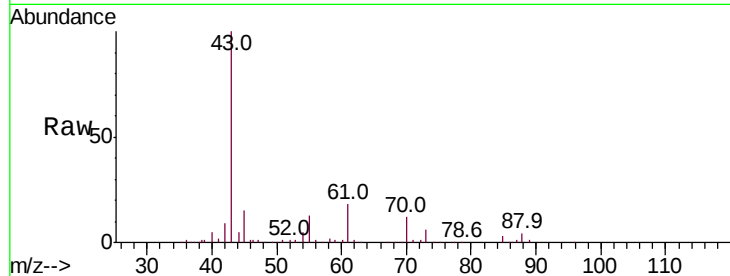
#37
Ethyl Acetate
Concen: 17.545 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX010318.D
Acq: 17 Jun 2019 12:49

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	17.1	10.2	15.2#
70	12.3	7.4	11.2#

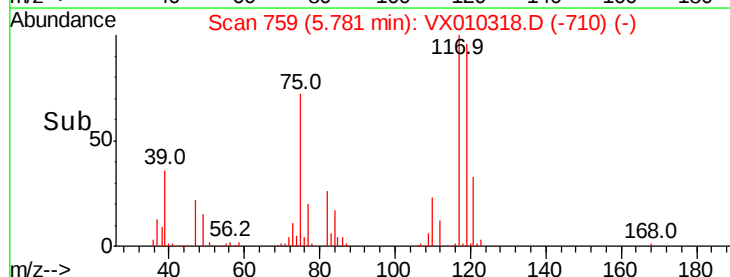
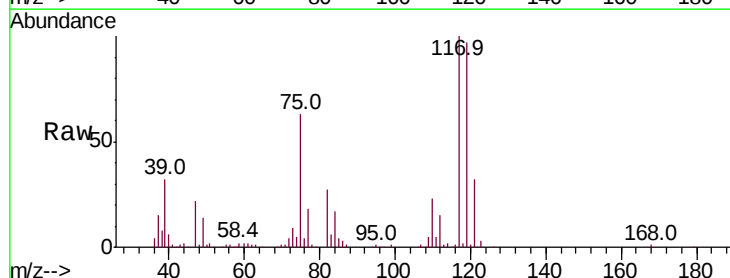
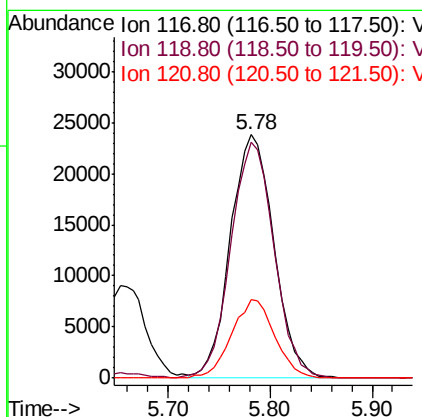
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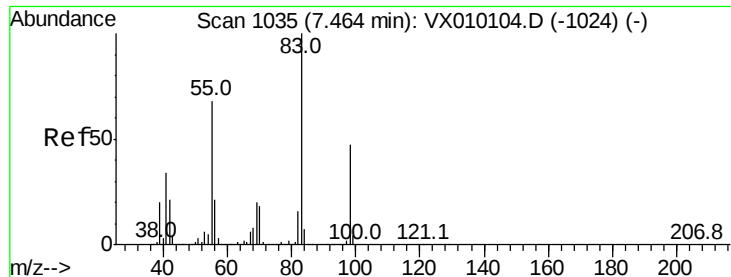
MMDadoda
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#38
Carbon Tetrachloride
Concen: 17.212 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX010318.D
Acq: 17 Jun 2019 12:49

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.6	77.3	115.9
121	32.5	25.4	38.0





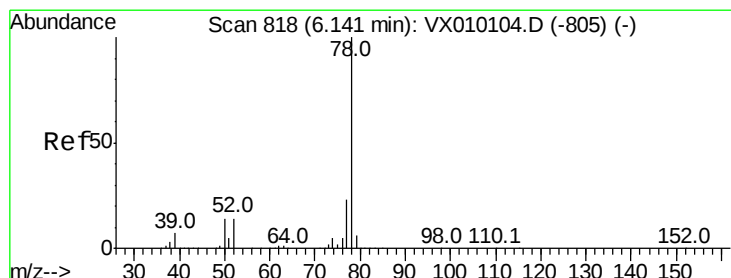
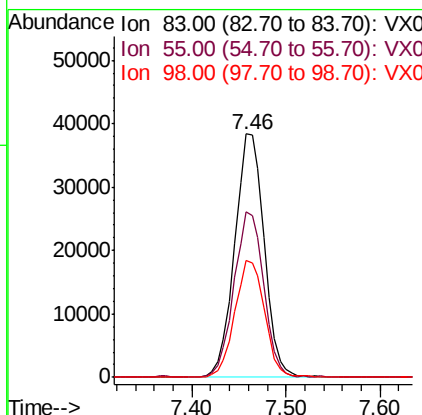
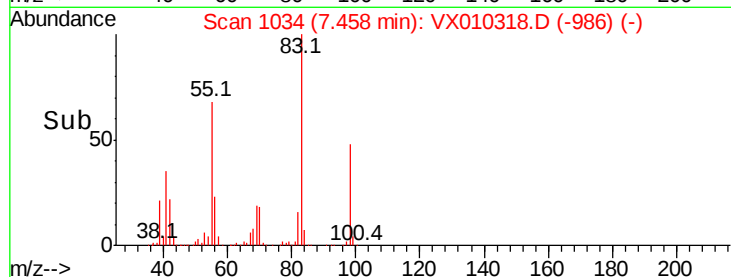
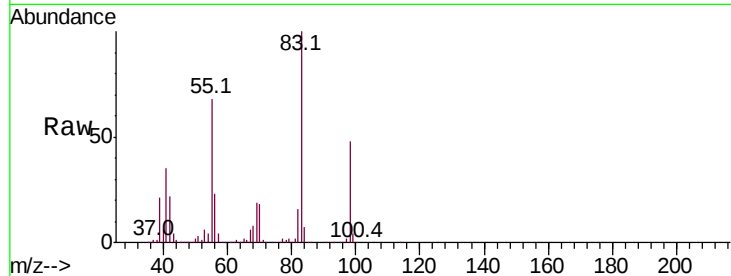
#39
Methvlcvclohexane
Concen: 17.066 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX010318.D
Acq: 17 Jun 2019 12:49

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	68.0	69.9	104.9#
98	48.0	35.1	52.7

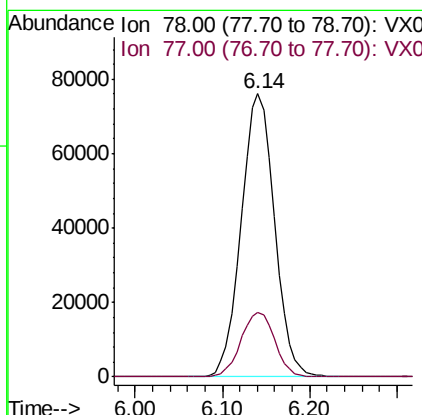
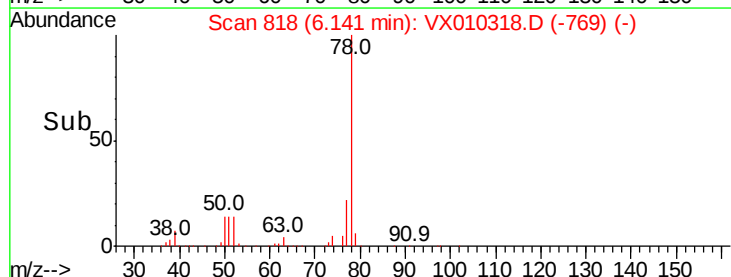
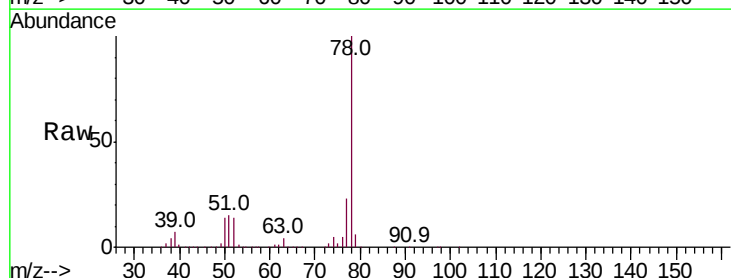
Manual Integrations
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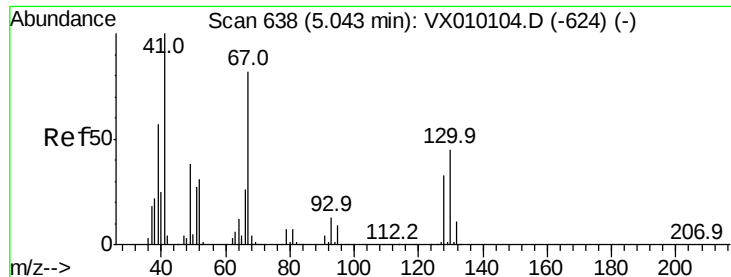
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#40
Benzene
Concen: 18.041 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX010318.D
Acq: 17 Jun 2019 12:49

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.9	19.2	28.8





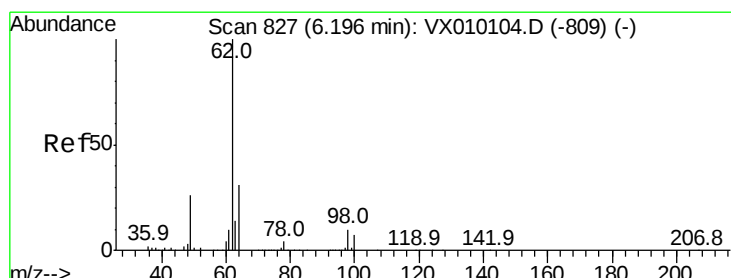
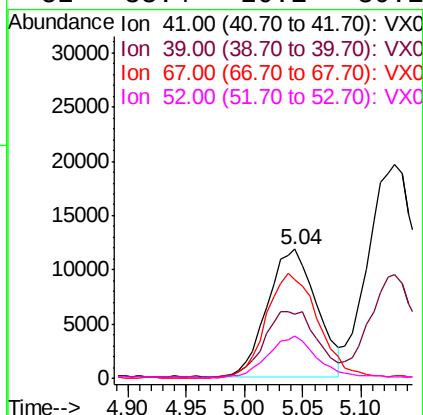
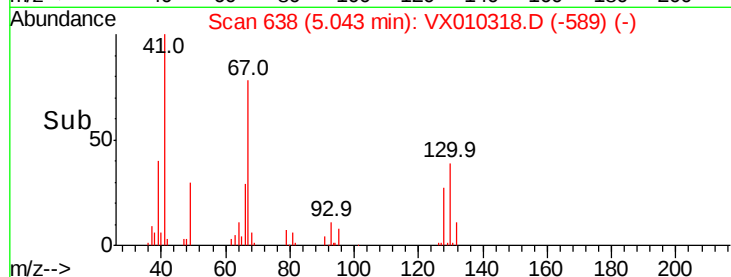
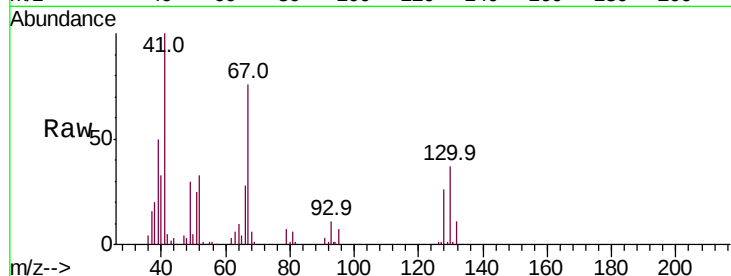
#41
Methacrylonitrile
Concen: 17.198 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX010318.D
Acq: 17 Jun 2019 12:49

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS01

Tot Ion	Ion	Ratio	Lower	Upper
34961	41	100		
	39	55.2	42.2	63.4
	67	86.8	48.9	73.3#
	52	33.4	20.1	30.1#

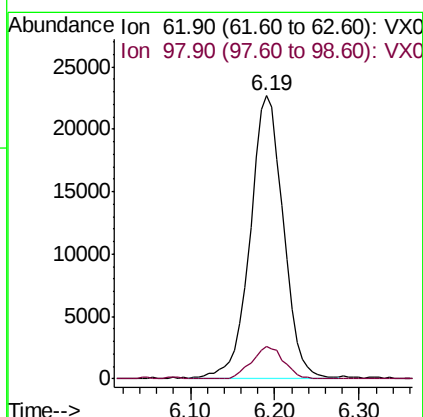
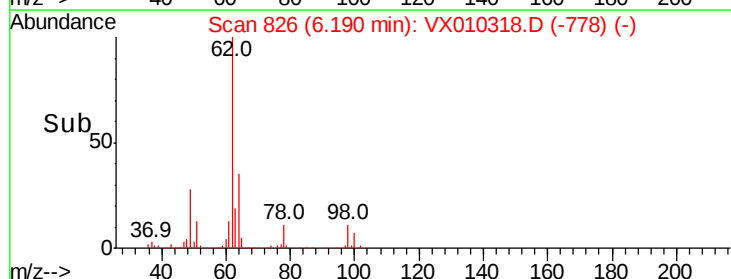
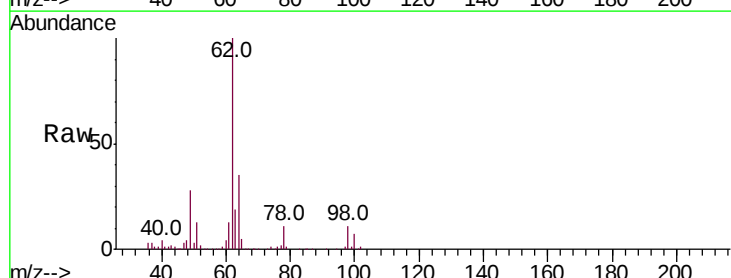
Manual Integrations
APPROVED

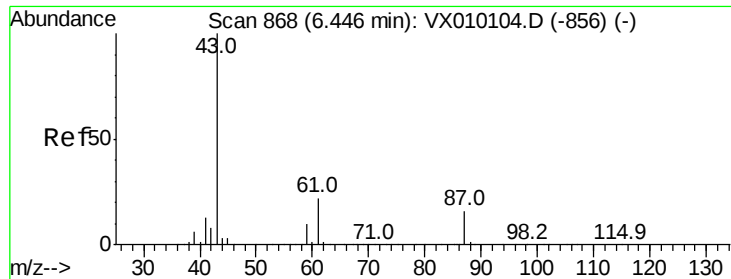
MMDadoda
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#42
1,2-Dichloroethane
Concen: 17.081 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.01 min
Lab File: VX010318.D
Acq: 17 Jun 2019 12:49

Tgt Ion	Ion	Ratio	Lower	Upper
60905	62	100		
	98	11.1	0.0	17.2





#43

Isopropyl Acetate

Concen: 17.262 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.01 min

Lab File: VX010318.D

Acq: 17 Jun 2019 12:49

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS01

Tot Ion: 43 Resp: 108469

Ion Ratio Lower Upper

43 100

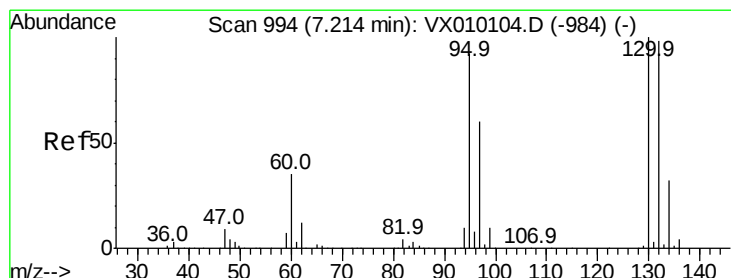
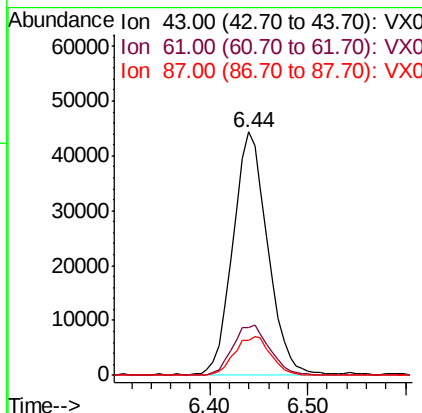
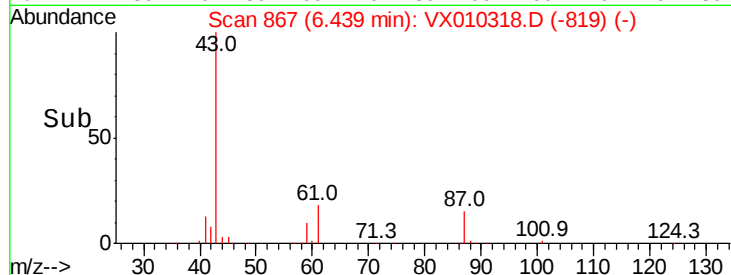
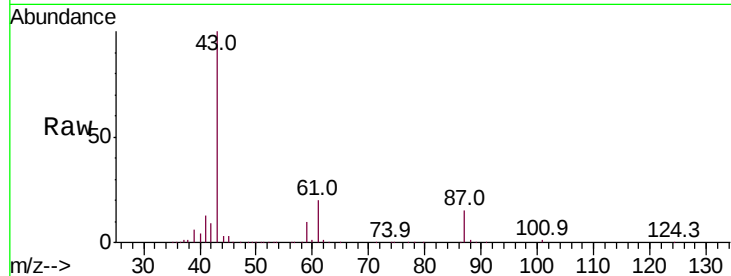
61 22.2 14.6 21.8#

87 16.9 8.7 13.1#

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#44

Trichloroethene

Concen: 17.724 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX010318.D

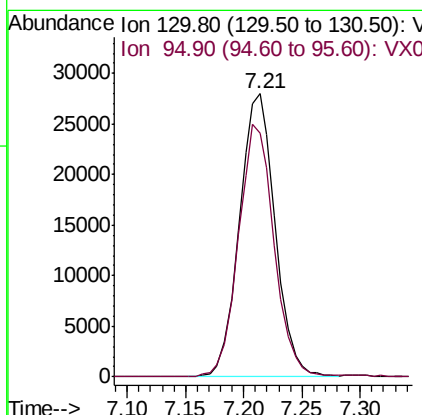
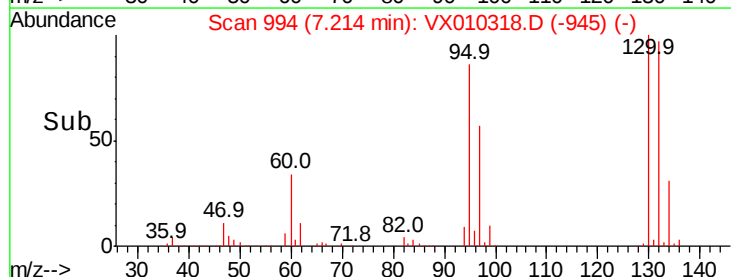
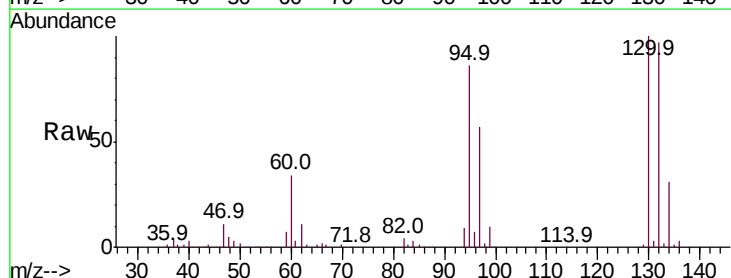
Acq: 17 Jun 2019 12:49

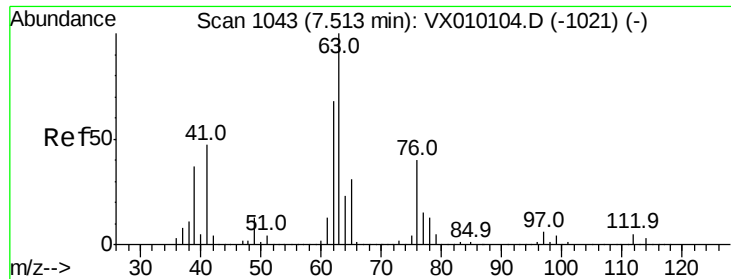
Tgt Ion:130 Resp: 59670

Ion Ratio Lower Upper

130 100

95 86.0 0.0 207.4





#45

1,2-Dichloropropane

Concen: 18.303 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX010318.D

Acq: 17 Jun 2019 12:49

Instrument :

MSVOA_X

ClientSampled :

VX0617WBS01

Tot Ion: 63 Resp: 51166

Ion Ratio Lower Upper

63 100

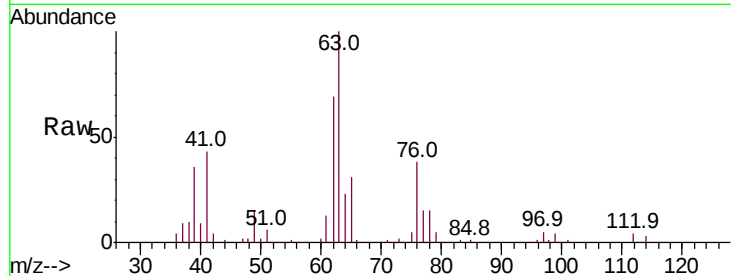
65 30.7 25.7 38.5

Manual Integrations

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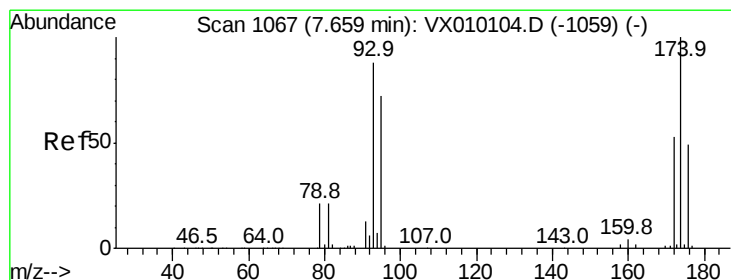
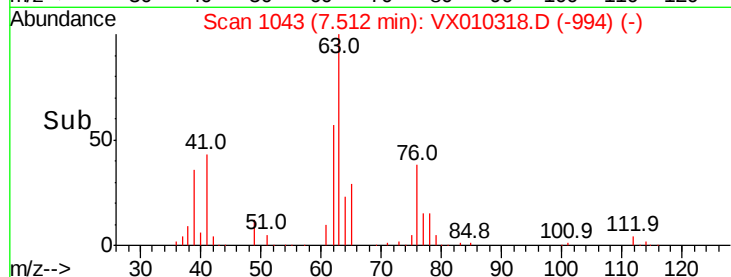
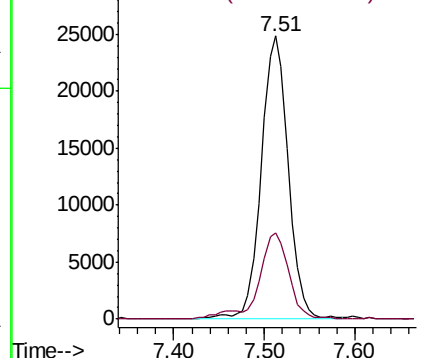
MMDadoda

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 17.416 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX010318.D

Acq: 17 Jun 2019 12:49

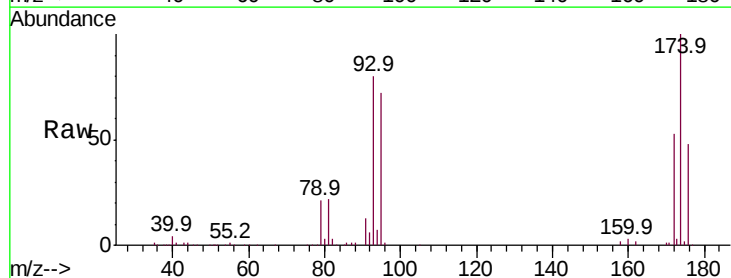
Tgt Ion: 93 Resp: 36475

Ion Ratio Lower Upper

93 100

95 84.9 66.8 100.2

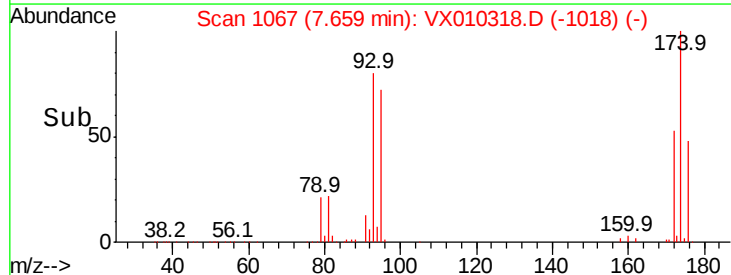
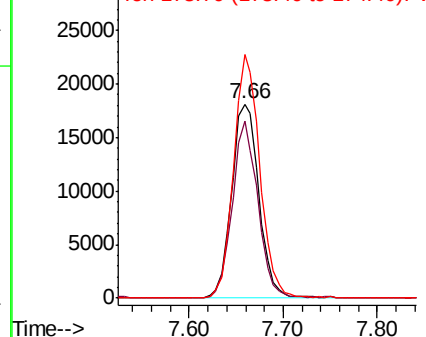
174 120.0 81.9 122.9

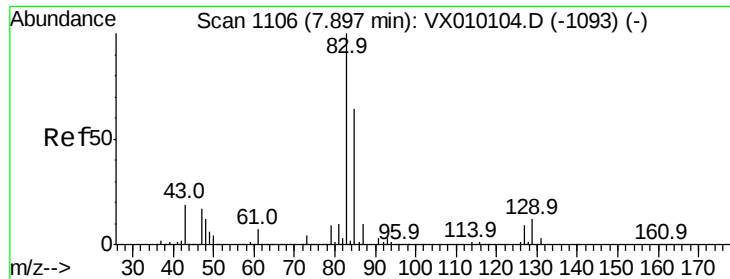


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





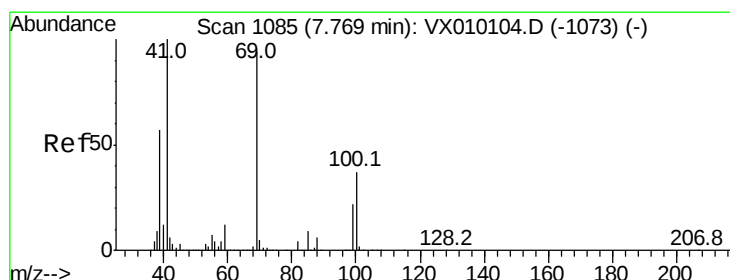
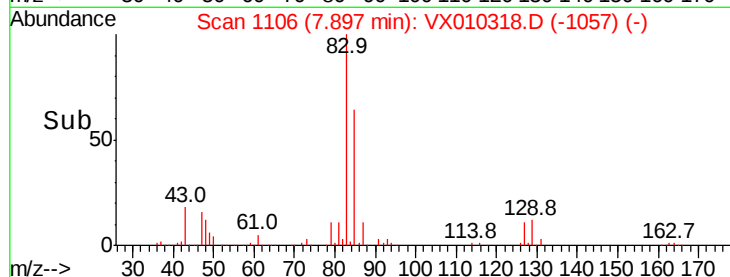
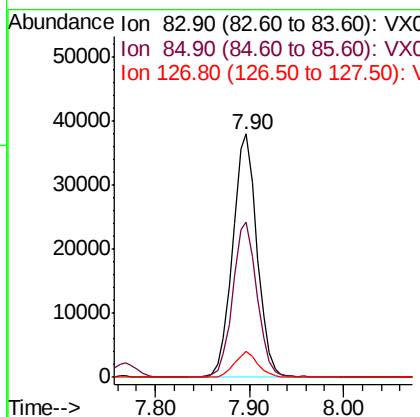
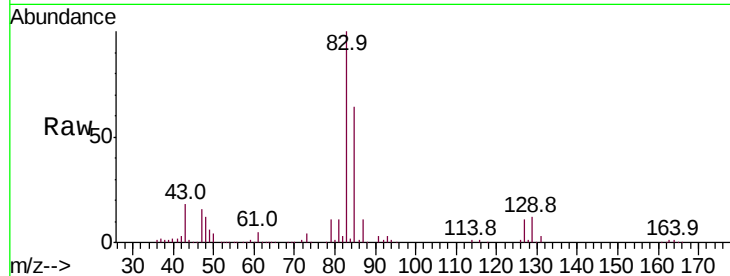
#47
Bromodichloromethane
Concen: 17.350 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VX010318.D
Acq: 17 Jun 2019 12:49

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS01

Tot Ion	83	Resp	67898
Ion Ratio	100	Lower	Upper
83	100		
85	63.6	51.4	77.2
127	10.7	6.4	9.6#

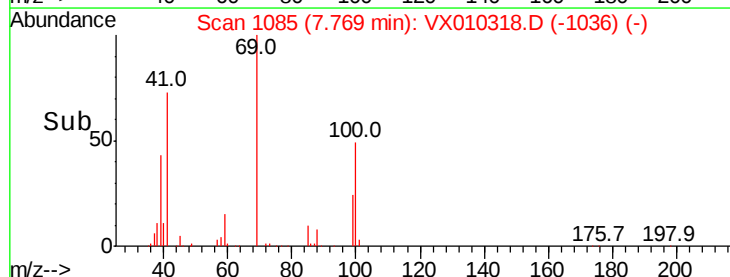
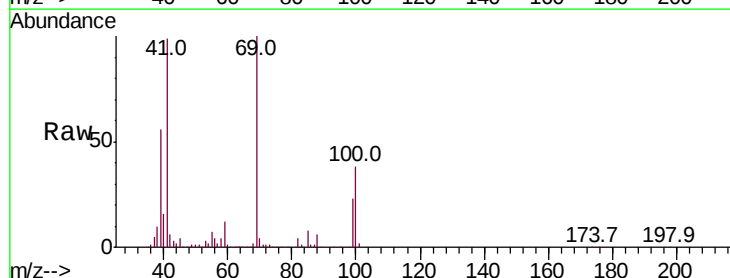
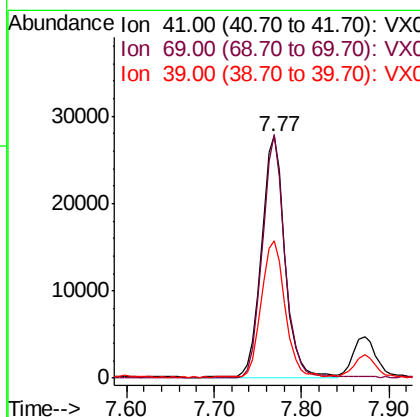
Manual Integrations
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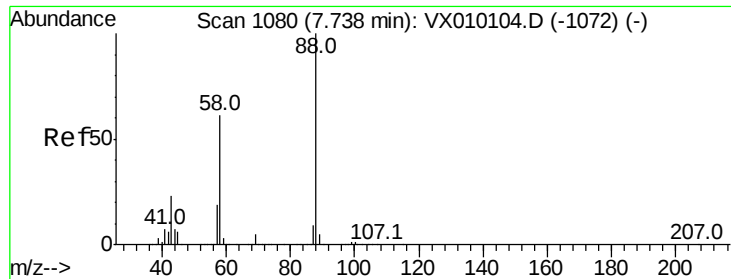
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#48
Methyl methacrylate
Concen: 17.830 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. -0.00 min
Lab File: VX010318.D
Acq: 17 Jun 2019 12:49

Tgt Ion	41	Resp	52396
Ion Ratio	100	Lower	Upper
41	100		
69	95.6	56.4	84.6#
39	55.4	40.6	60.8





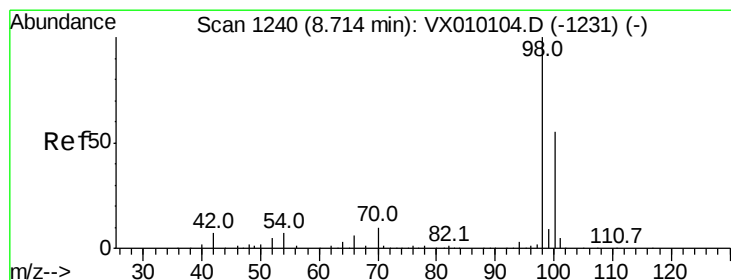
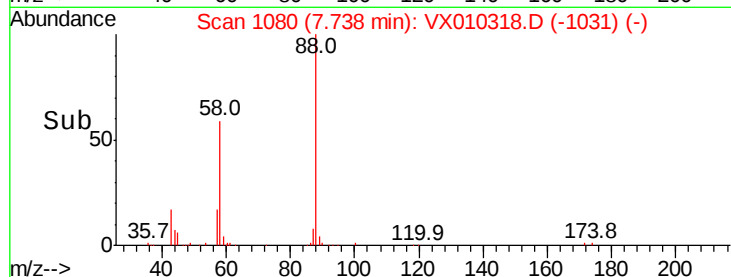
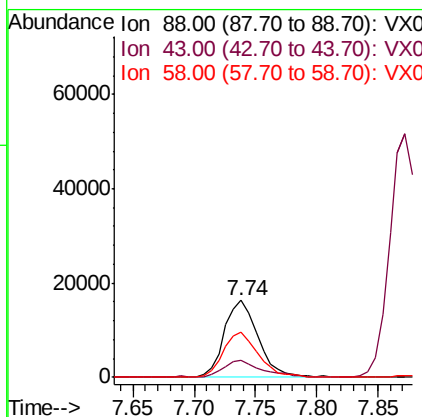
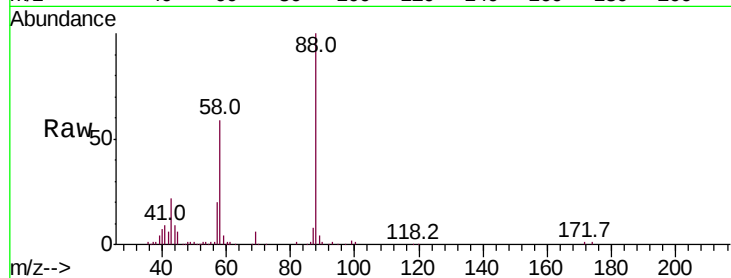
#49
1,4-Dioxane
Concen: 373.555 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX010318.D
Acq: 17 Jun 2019 12:49

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	23.7	30.2	45.4#
58	61.7	64.0	96.0#

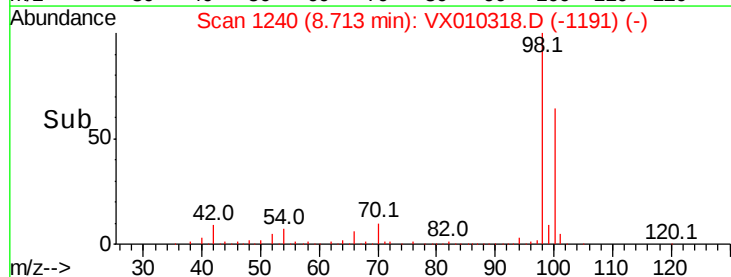
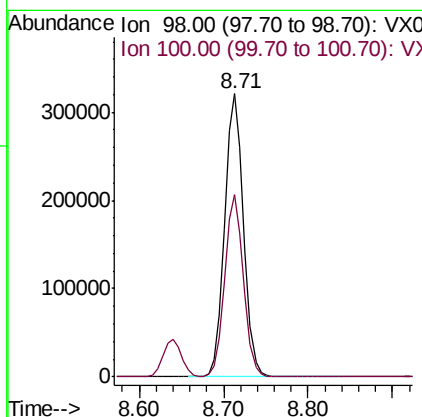
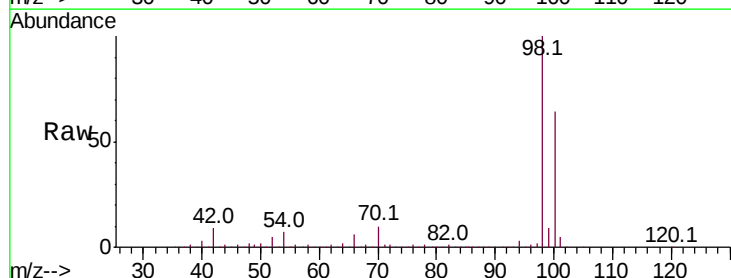
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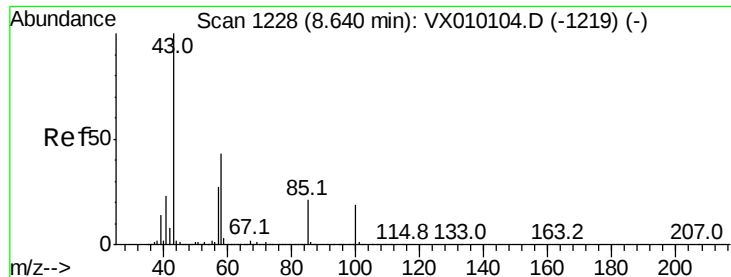
MMDadoda
6/18/2019 11:26:25 AM



#50
Toluene-d8
Concen: 48.248 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010318.D
Acq: 17 Jun 2019 12:49

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.5	77.3





#51

4-Methyl-2-Pentanone

Concen: 93.248 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX010318.D

Acq: 17 Jun 2019 12:49

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS01

Tot Ion: 43 Resp: 350036

Ion Ratio Lower Upper

43 100

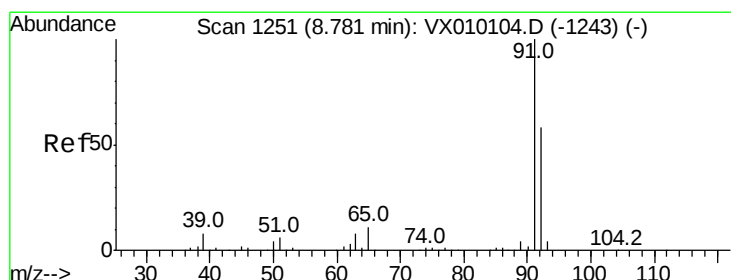
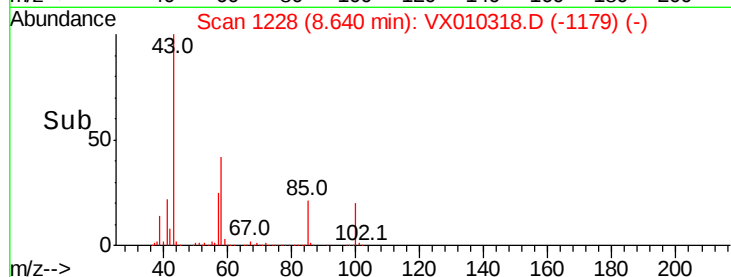
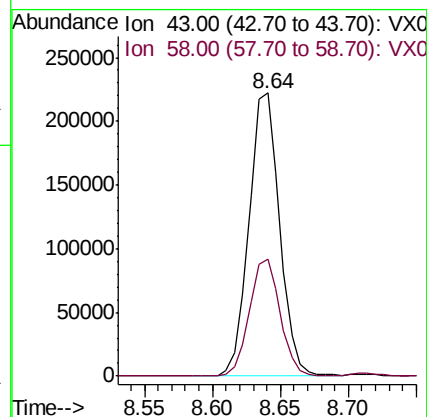
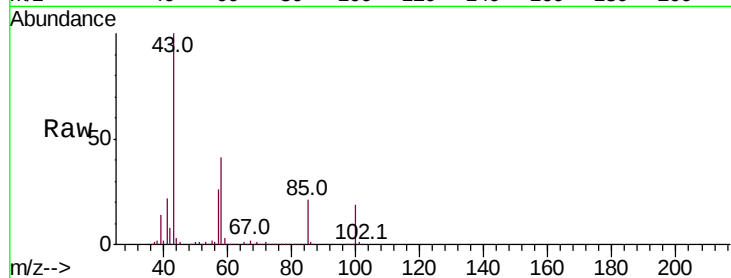
58 41.5 28.8 43.2

Manual Integrations

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MMDadoda

6/18/2019 11:26:25 AM



#52

Toluene

Concen: 17.956 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX010318.D

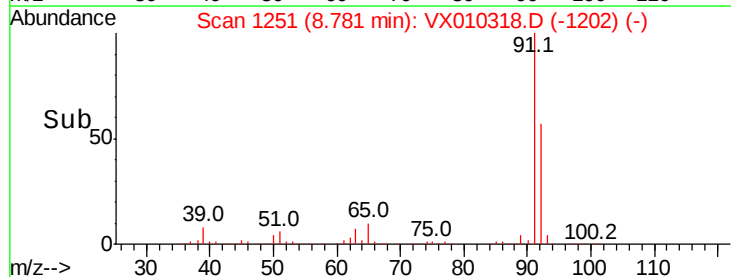
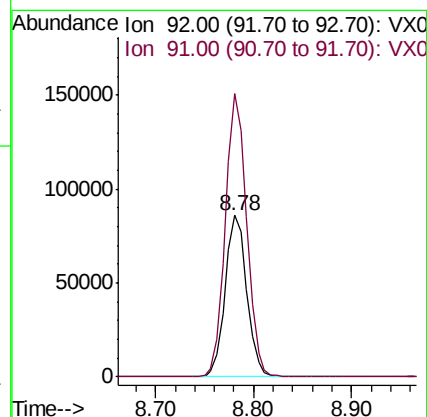
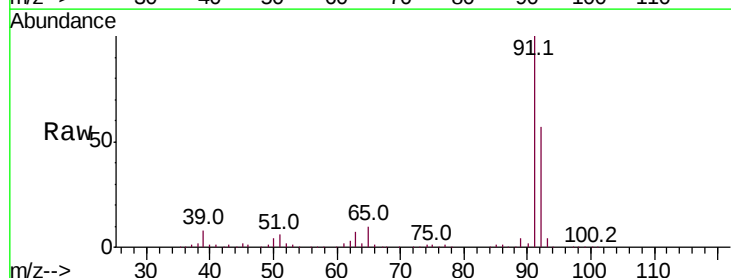
Acq: 17 Jun 2019 12:49

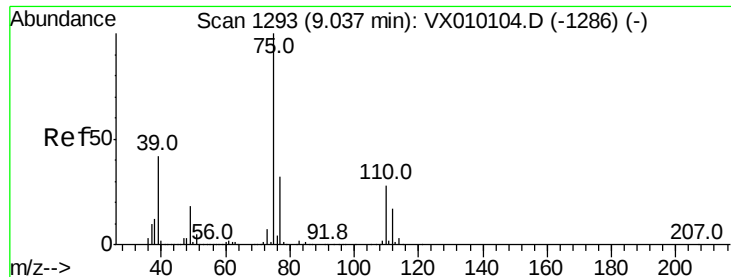
Tgt Ion: 92 Resp: 131827

Ion Ratio Lower Upper

92 100

91 174.2 139.9 209.9





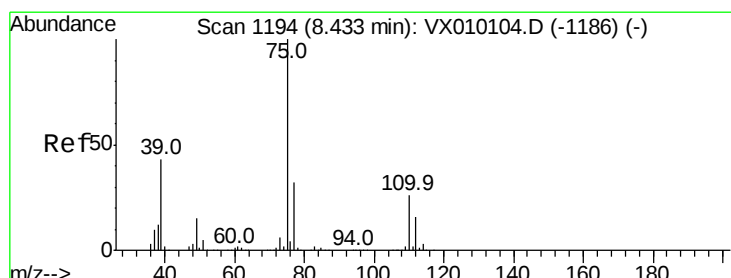
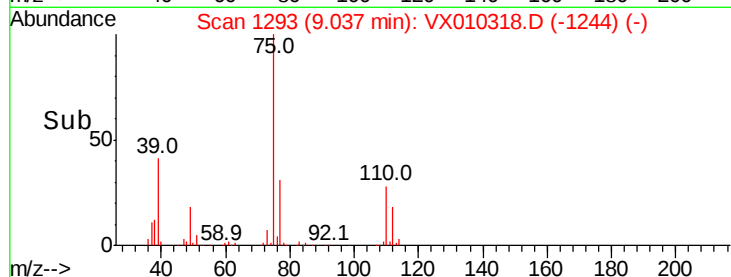
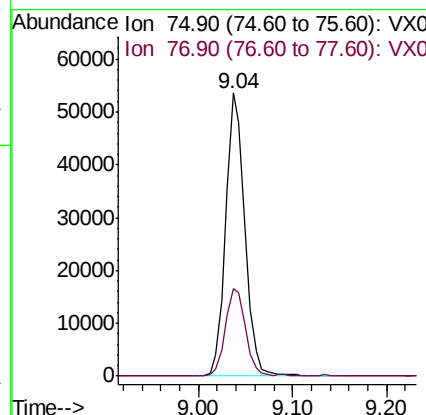
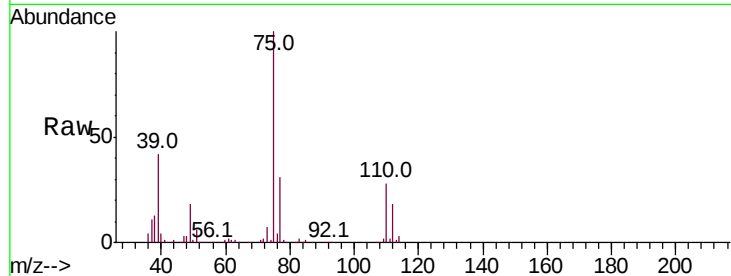
#53
t-1,3-Dichloropropene
Concen: 16.660 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. -0.00 min
Lab File: VX010318.D
Acq: 17 Jun 2019 12:49

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS01

Tot Ion: 75 Resp: 75412
Ion Ratio Lower Upper
75 100
77 30.9 24.6 36.8

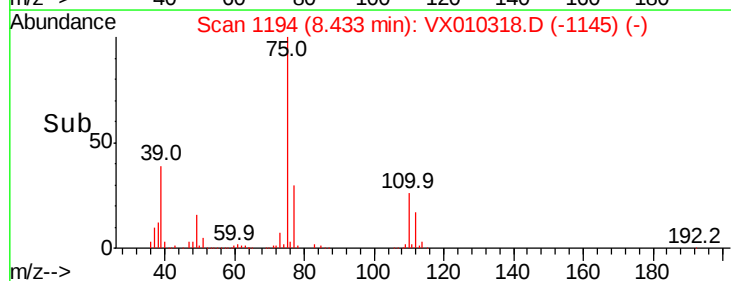
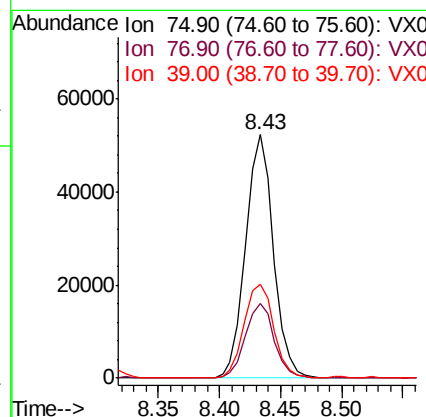
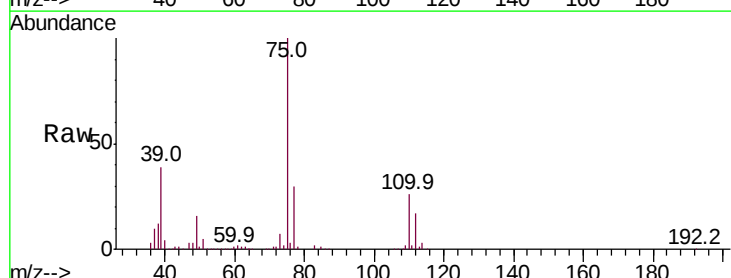
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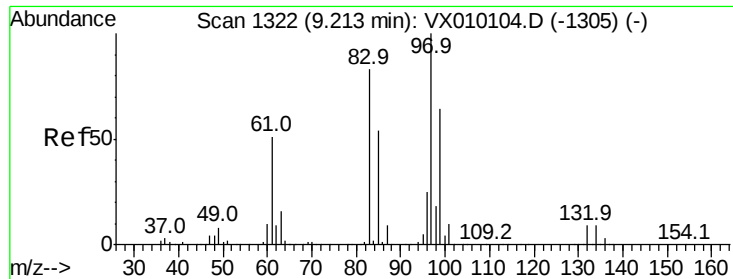
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 17.034 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX010318.D
Acq: 17 Jun 2019 12:49

Tgt Ion: 75 Resp: 82659
Ion Ratio Lower Upper
75 100
77 30.4 24.8 37.2
39 38.6 43.4 65.0#





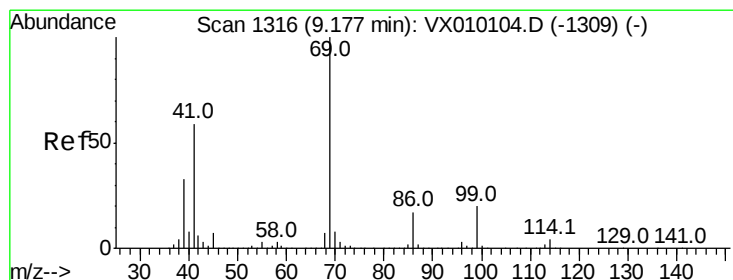
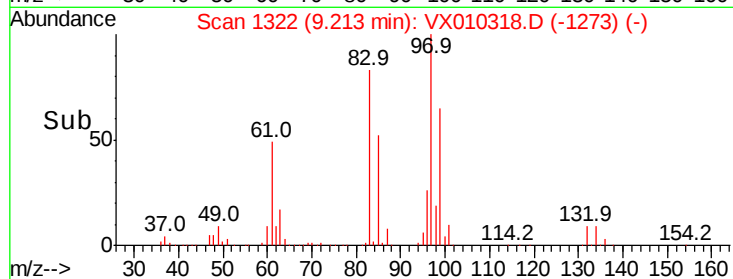
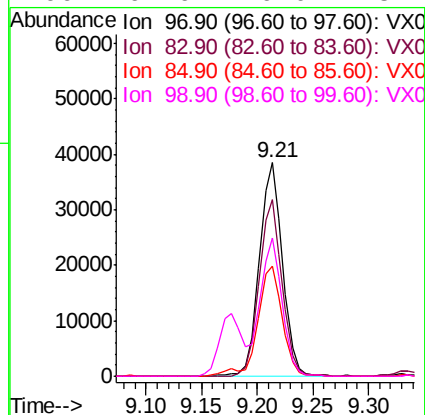
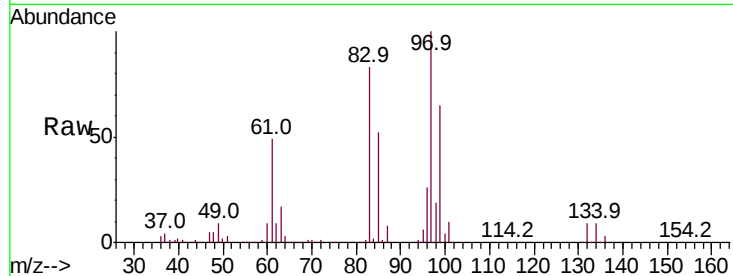
#55
 1,1,2-Trichloroethane
 Concen: 18.518 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX010318.D
 Acq: 17 Jun 2019 12:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617WBS01

Tot Ion	Ion	Ratio	Lower	Upper
97	100			
83	82.9	69.8	104.8	
85	51.5	45.3	67.9	
99	64.6	49.0	73.4	

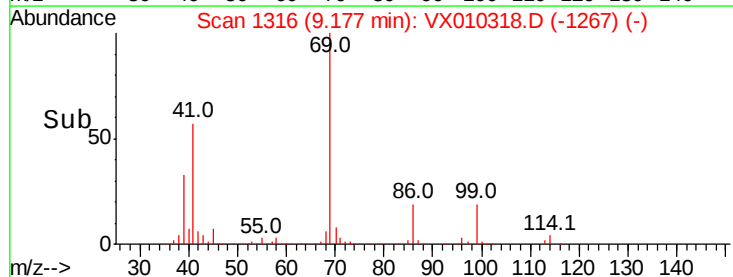
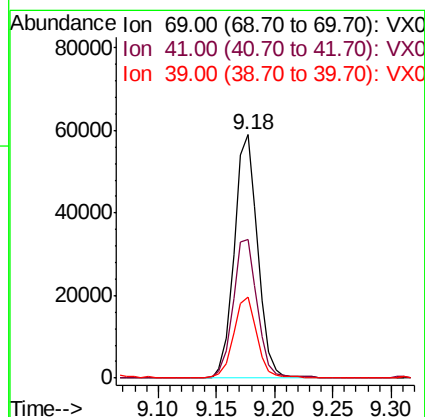
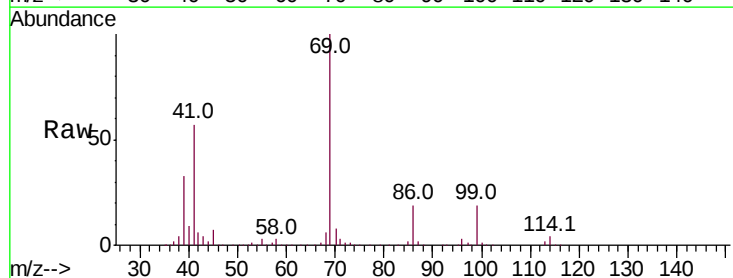
Manual Integrations
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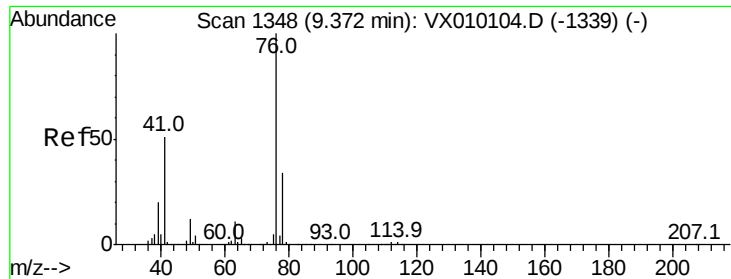
MMDadoda
 6/18/2019 11:26:25 AM



#56
 Ethyl methacrylate
 Concen: 17.452 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX010318.D
 Acq: 17 Jun 2019 12:49

Tgt Ion	Ion	Ratio	Lower	Upper
69	100			
41	57.9	62.7	94.1#	
39	32.7	29.5	44.3	





#57

1,3-Dichloropropane

Concen: 18.032 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX010318.D

Acq: 17 Jun 2019 12:49

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS01

Tot Ion: 76 Resp: 85357

Ion Ratio Lower Upper

76 100

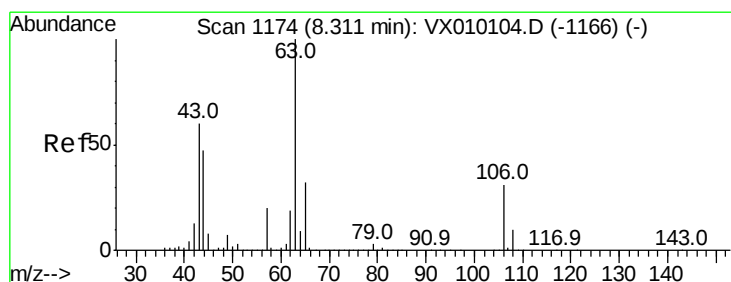
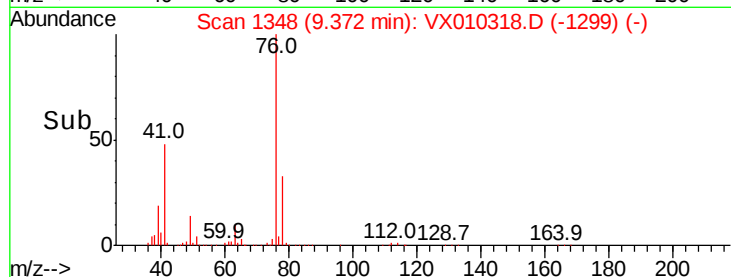
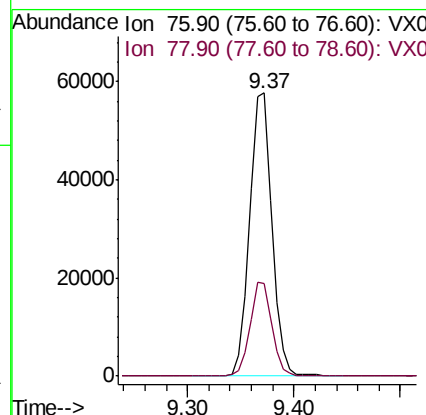
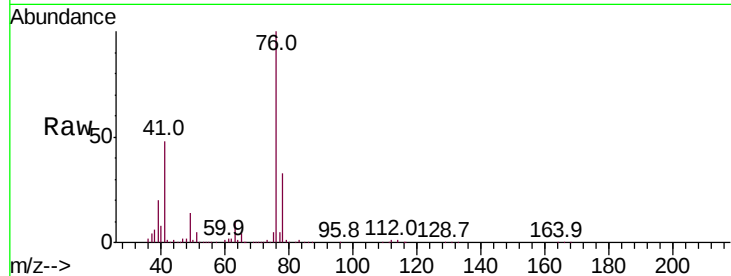
78 32.5 25.4 38.0

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6/18/2019 11:26:25 AM



#58

2-Chloroethyl Vinyl ether

Concen: 90.962 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX010318.D

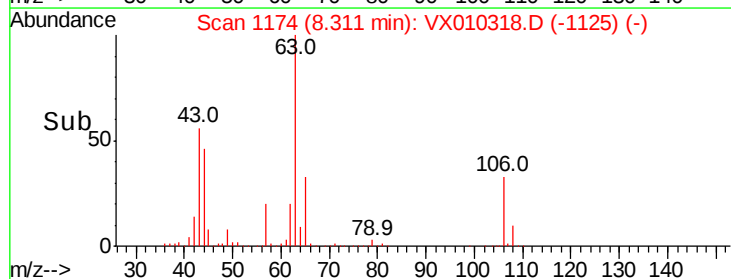
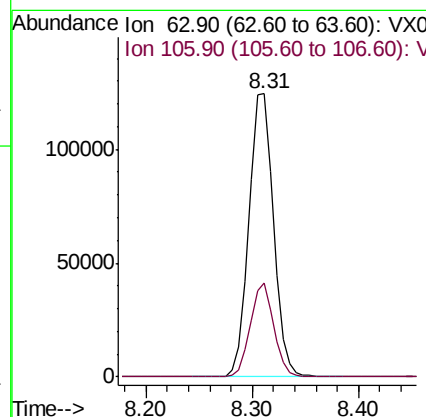
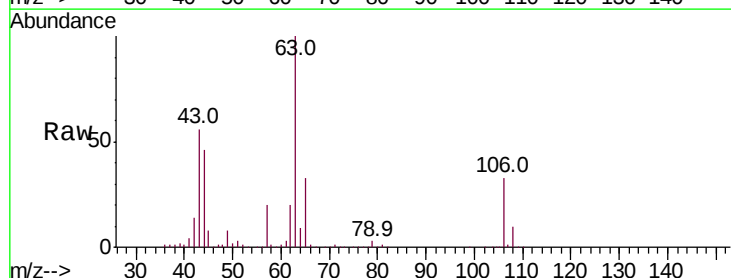
Acq: 17 Jun 2019 12:49

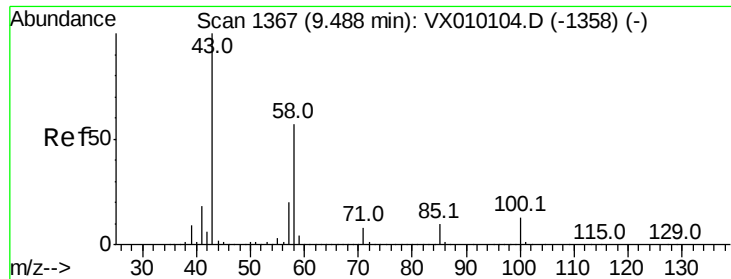
Tgt Ion: 63 Resp: 203674

Ion Ratio Lower Upper

63 100

106 31.5 19.4 29.2#





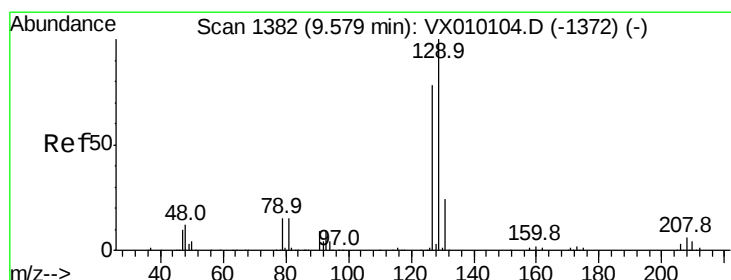
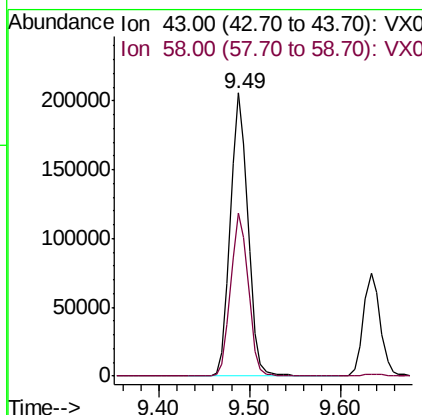
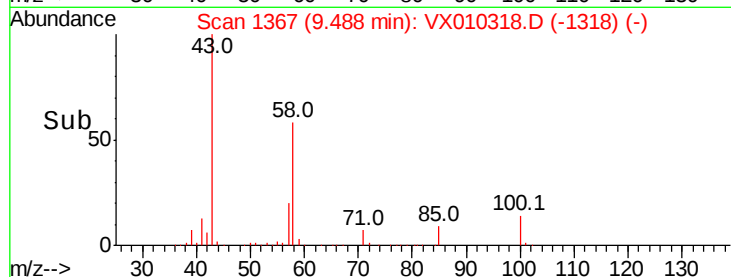
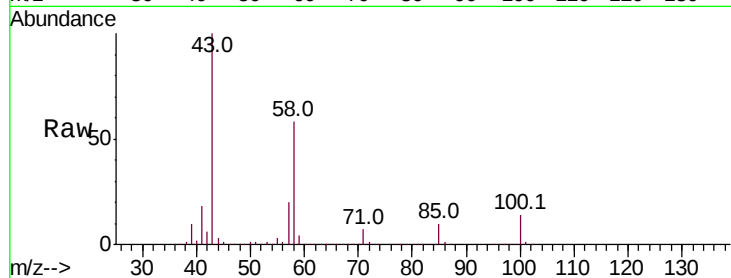
#59
2-Hexanone
Concen: 92.489 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX010318.D
Acq: 17 Jun 2019 12:49

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS01

Tot Ion: 43 Resp: 276815
Ion Ratio Lower Upper
43 100
58 57.8 25.1 75.3

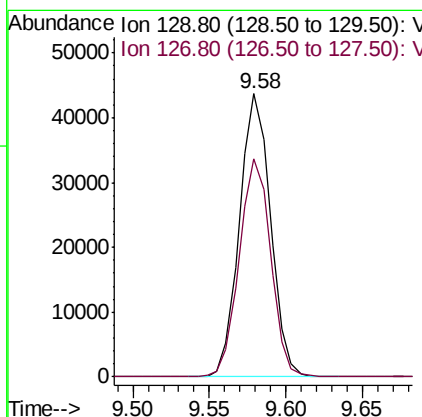
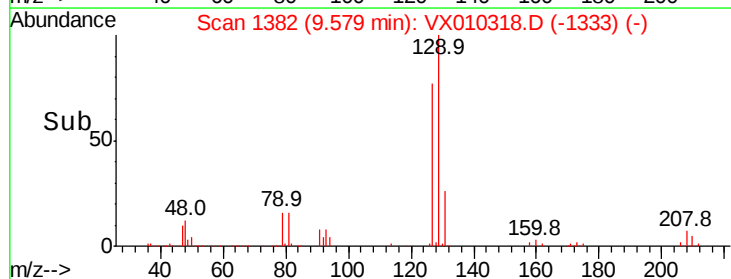
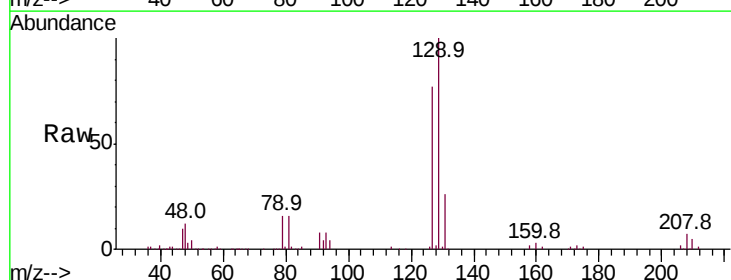
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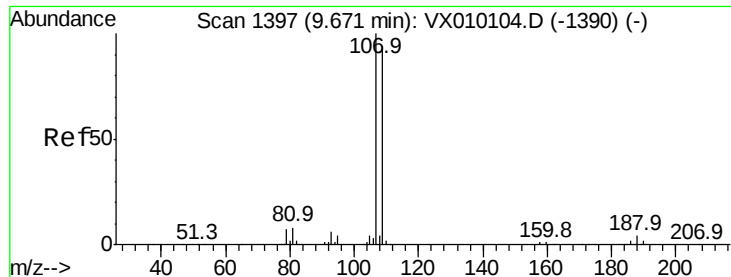
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6/18/2019 11:26:25 AM



#60
Dibromochloromethane
Concen: 17.347 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX010318.D
Acq: 17 Jun 2019 12:49

Tgt Ion: 129 Resp: 61695
Ion Ratio Lower Upper
129 100
127 77.6 38.5 115.5





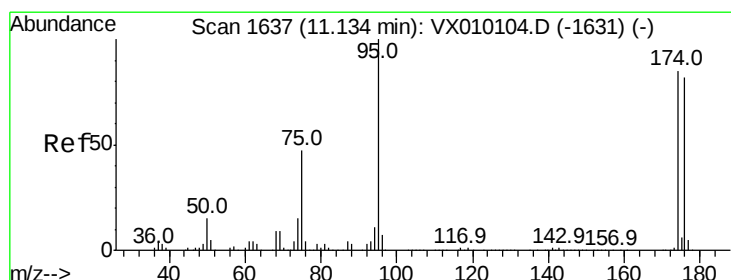
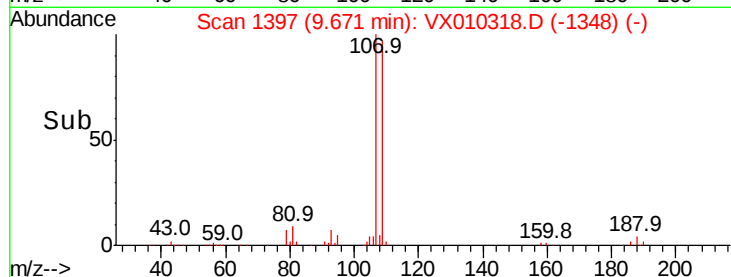
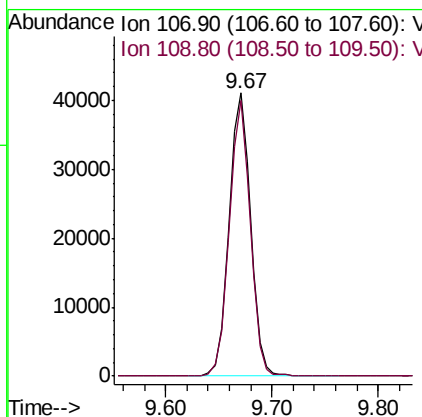
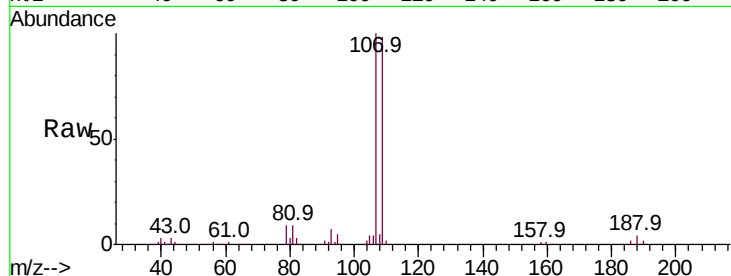
#61
1,2-Dibromoethane
Concen: 17.474 ug/l
RT: 9.67 min Scan# 1397
Delta R.T. -0.00 min
Lab File: VX010318.D
Acq: 17 Jun 2019 12:49

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.6	75.4	113.2

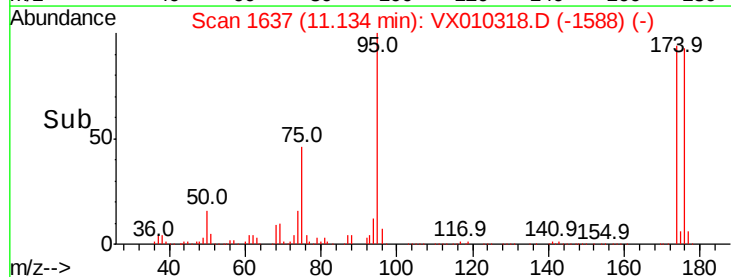
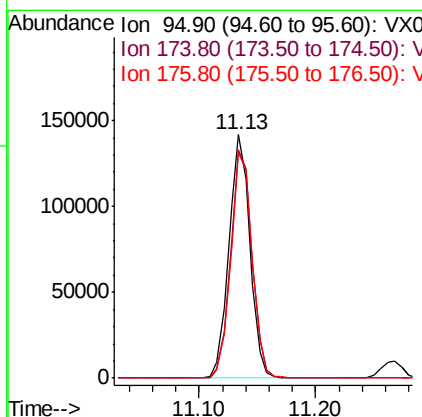
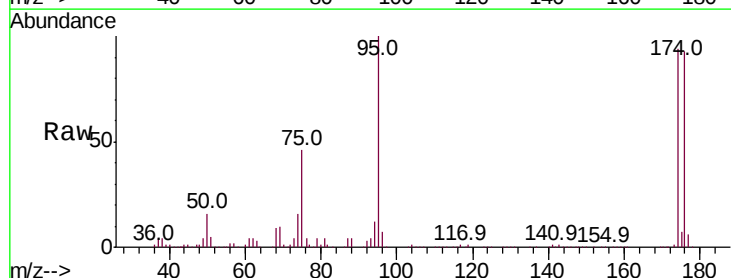
Manual Integrations
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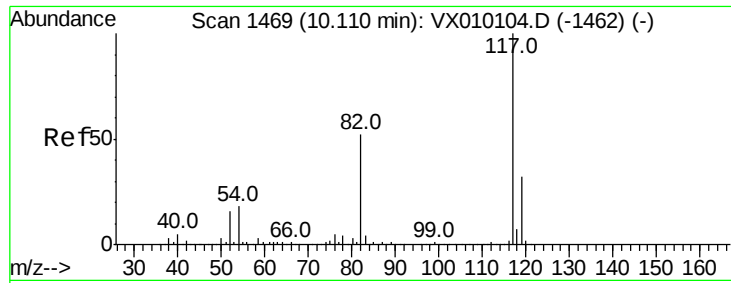
MMDadoda
6/18/2019 11:26:25 AM



#62
4-Bromofluorobenzene
Concen: 46.570 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010318.D
Acq: 17 Jun 2019 12:49

Tgt Ion	Ratio	Lower	Upper
95	100		
174	95.7	0.0	160.4
176	94.1	0.0	154.6





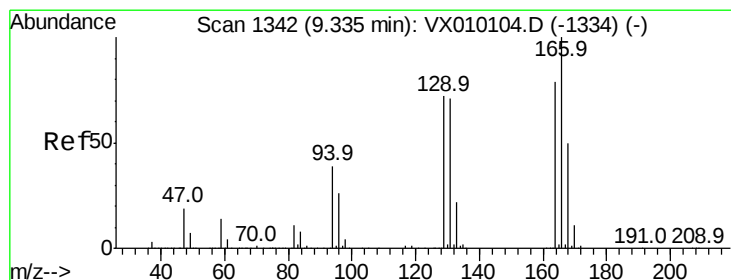
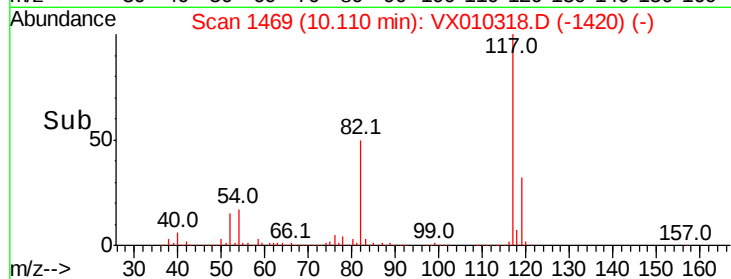
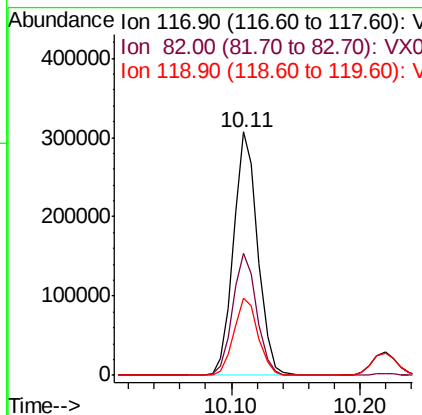
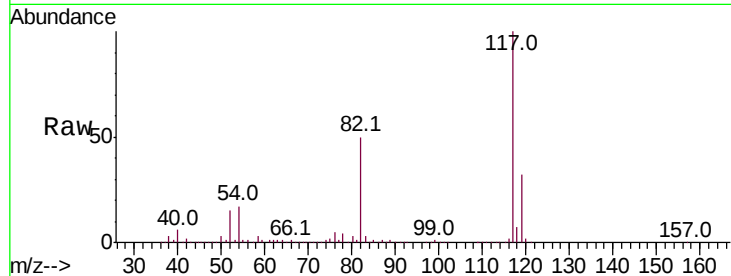
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010318.D
Acq: 17 Jun 2019 12:49

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100			
82	50.1	49.2	73.8	
119	31.6	25.2	37.8	

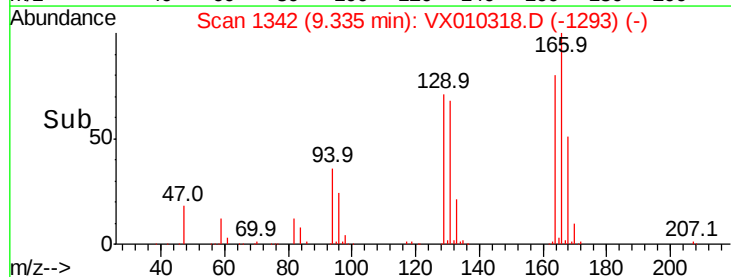
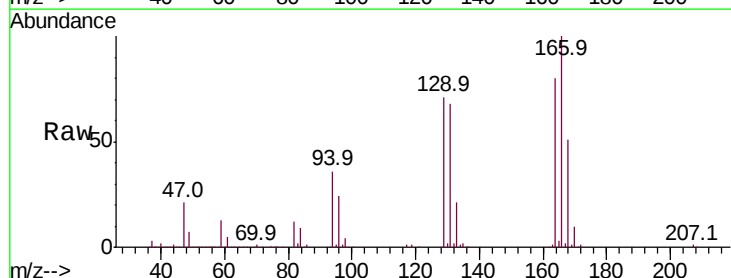
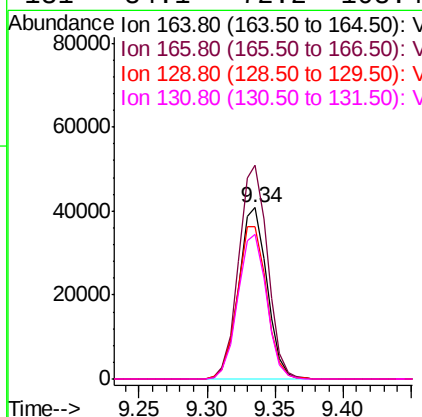
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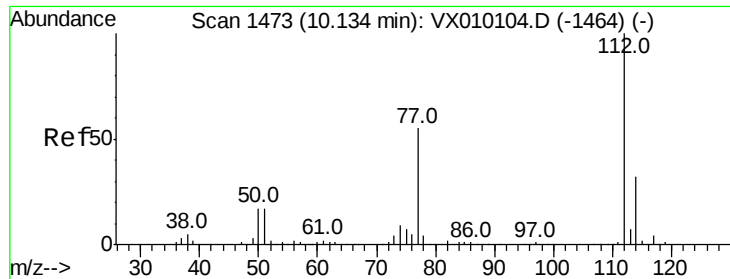
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6/18/2019 11:26:25 AM



#64
Tetrachloroethene
Concen: 19.988 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010318.D
Acq: 17 Jun 2019 12:49

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
166	124.5	105.0	157.4	
129	88.7	75.1	112.7	
131	84.1	72.2	108.4	





#65

Chlorobenzene

Concen: 18.091 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.00 min

Lab File: VX010318.D

Acq: 17 Jun 2019 12:49

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS01

Tot Ion:112 Resp: 149907

Ion Ratio Lower Upper

112 100

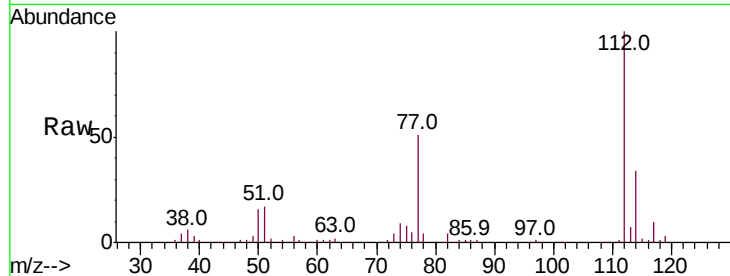
114 34.0 25.8 38.8

Manual Integrations

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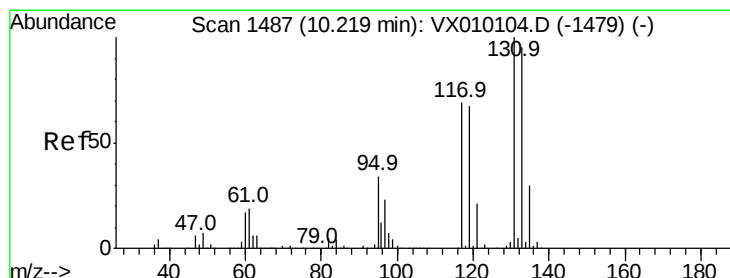
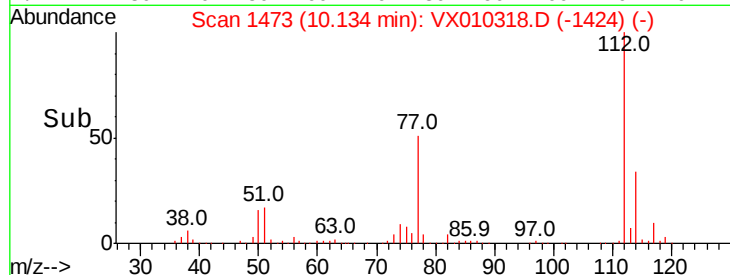
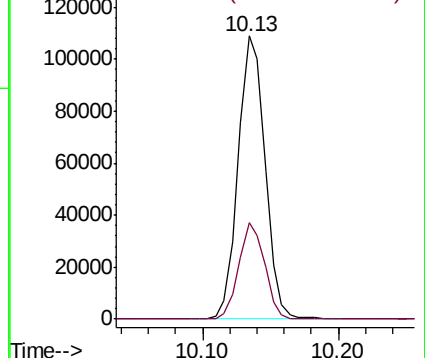
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 17.932 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX010318.D

Acq: 17 Jun 2019 12:49

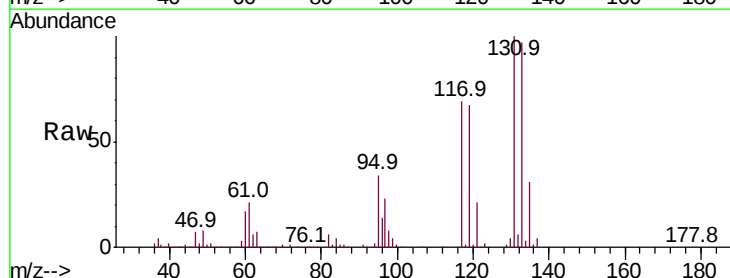
Tgt Ion:131 Resp: 57142

Ion Ratio Lower Upper

131 100

133 95.7 47.5 142.6

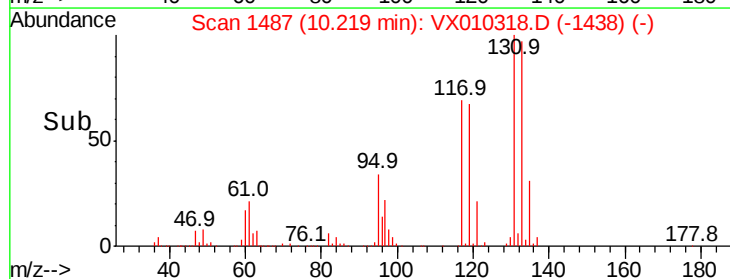
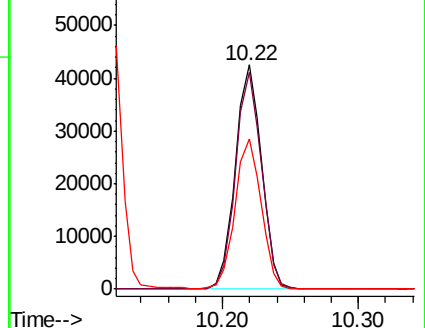
119 67.0 33.4 100.1

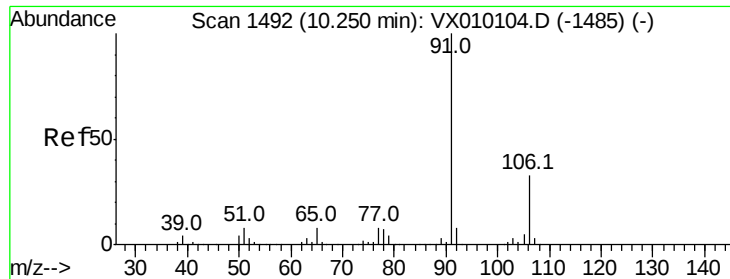


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 17.953 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX010318.D

Acq: 17 Jun 2019 12:49

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS01

Tot Ion: 91 Resp: 253250

Ion Ratio Lower Upper

91 100

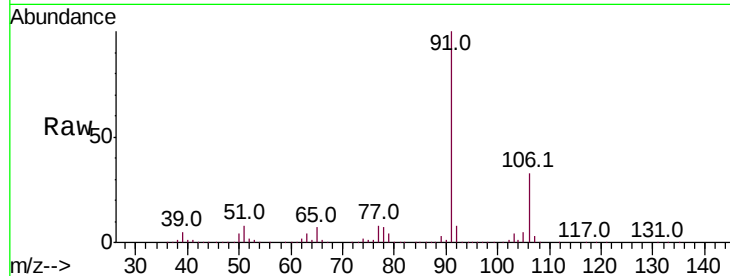
106 32.9 23.9 35.9

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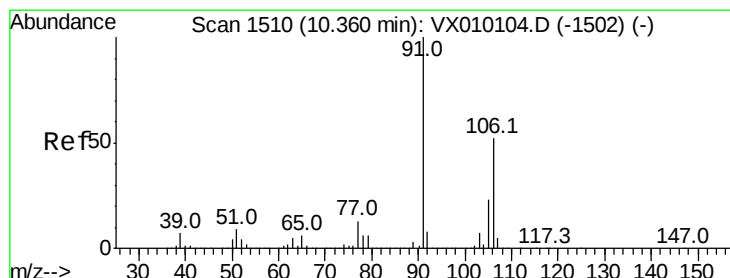
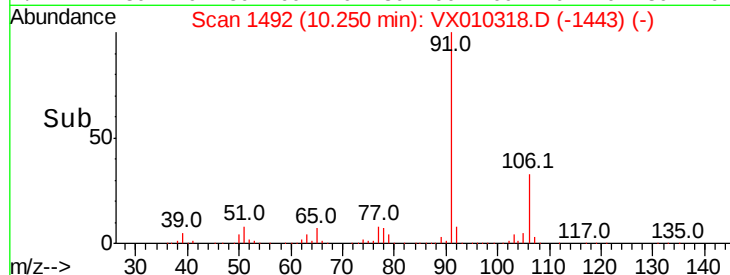
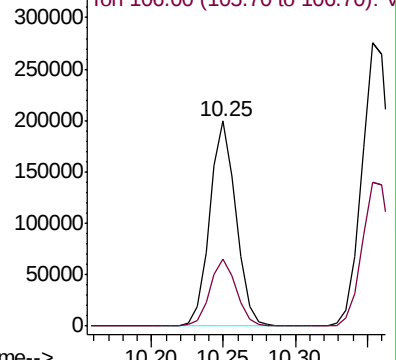
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Abundance Ion 91.00 (90.70 to 91.70): VX010104.D (-1485) (-)



#68

m/p-Xylenes

Concen: 36.143 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VX010318.D

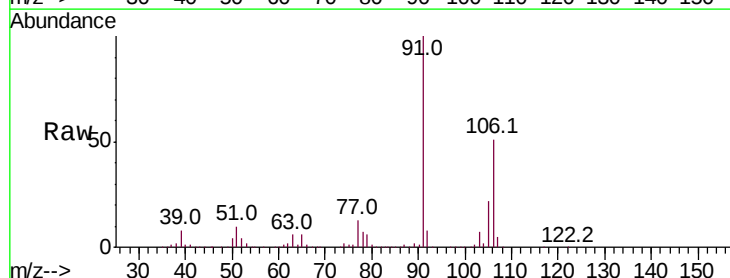
Acq: 17 Jun 2019 12:49

Tgt Ion: 106 Resp: 197297

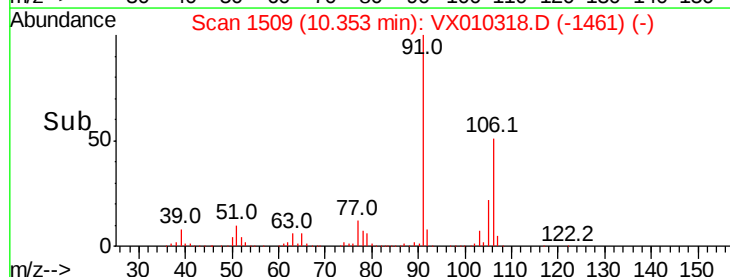
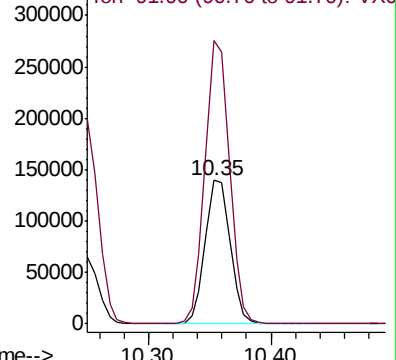
Ion Ratio Lower Upper

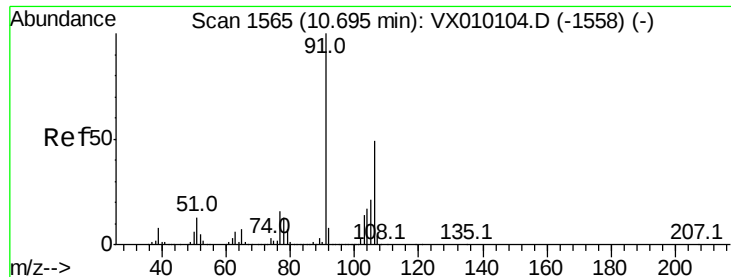
106 100

91 194.1 167.3 250.9



Abundance Ion 106.00 (105.70 to 106.70): VX010104.D (-1502) (-)





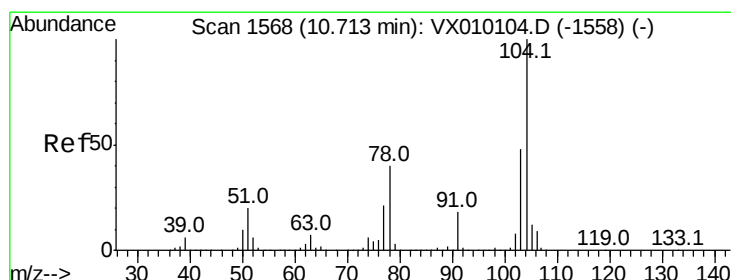
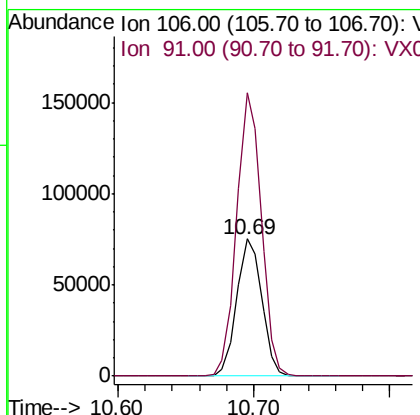
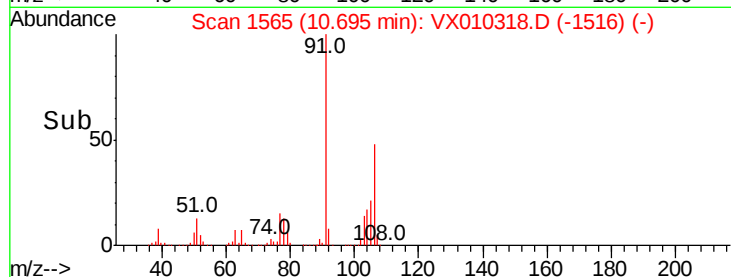
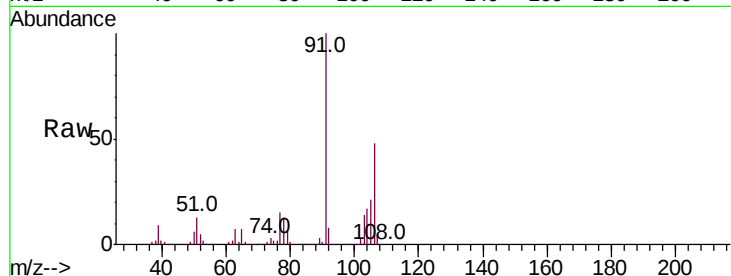
#69
o-Xylene
Concen: 17.846 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010318.D
Acq: 17 Jun 2019 12:49

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS01

Tot Ion:106 Resp: 96840
Ion Ratio Lower Upper
106 100
91 202.9 110.4 331.2

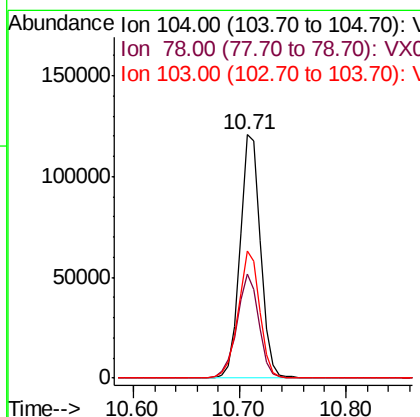
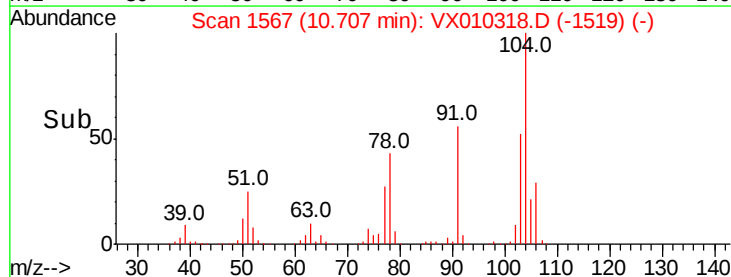
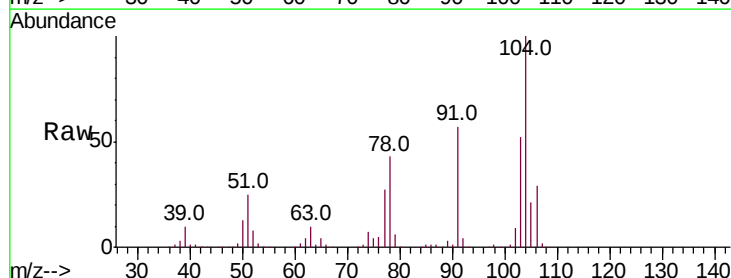
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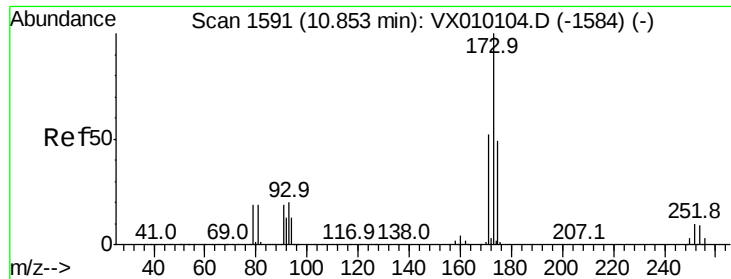
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#70
Styrene
Concen: 17.856 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX010318.D
Acq: 17 Jun 2019 12:49

Tgt Ion:104 Resp: 164103
Ion Ratio Lower Upper
104 100
78 45.7 42.1 63.1
103 54.6 44.1 66.1





#71

Bromoform

Concen: 16.875 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX010318.D

Acq: 17 Jun 2019 12:49

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS01

Tot Ion:173 Resp: 49435

Ion Ratio Lower Upper

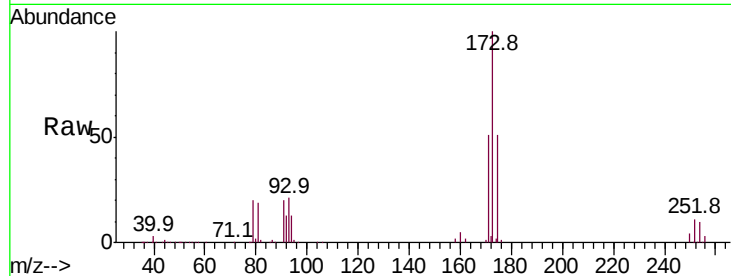
173 100

175 49.3 25.0 75.0

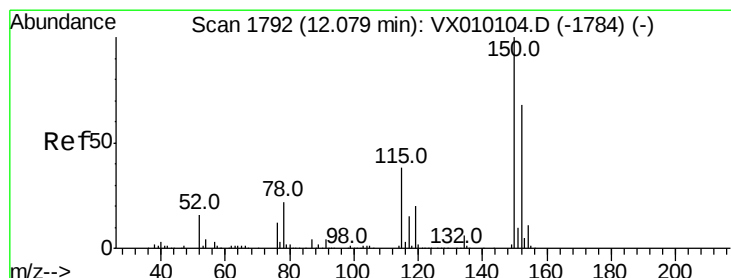
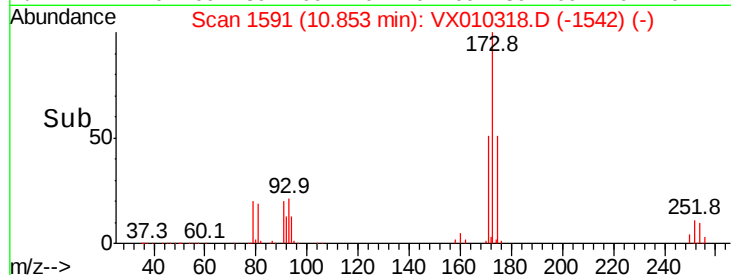
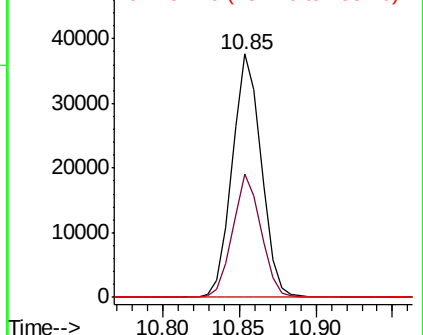
254 0.1 0.2 0.2#

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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: VX010318.D

Acq: 17 Jun 2019 12:49

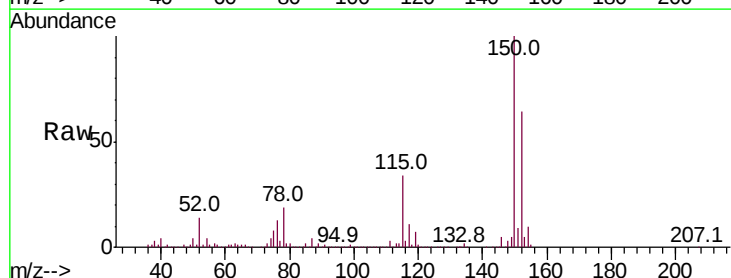
Tgt Ion:152 Resp: 212172

Ion Ratio Lower Upper

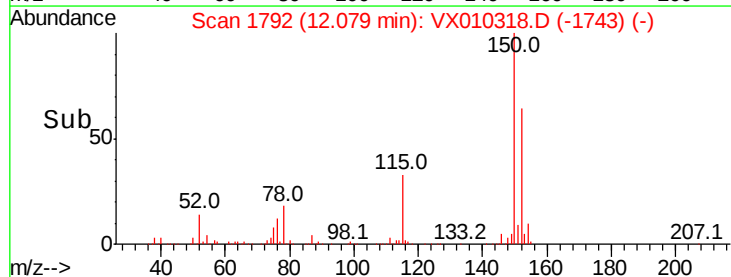
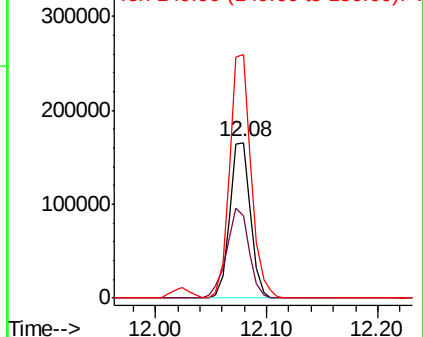
152 100

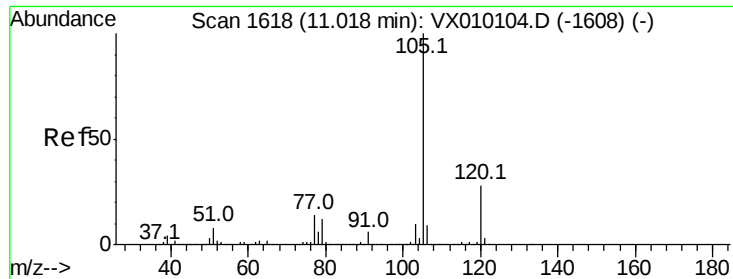
115 62.6 41.4 124.2

150 161.9 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: 17.660 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX010318.D

Acq: 17 Jun 2019 12:49

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS01

Tot Ion:105 Resp: 261556

Ion Ratio Lower Upper

105 100

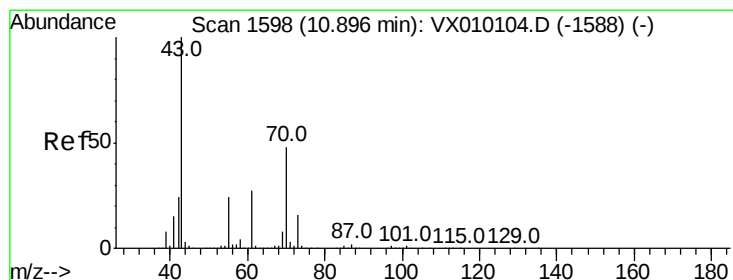
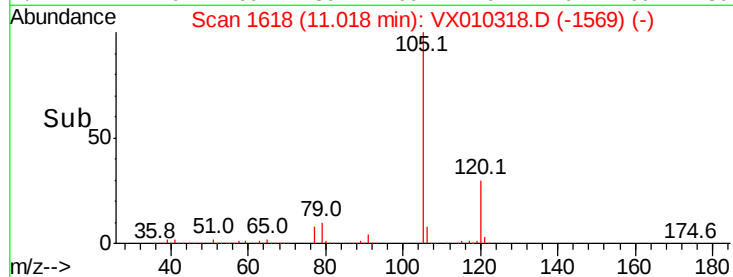
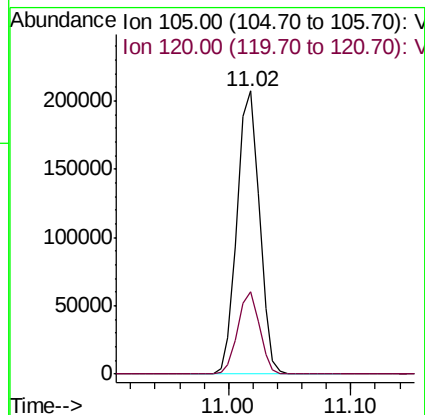
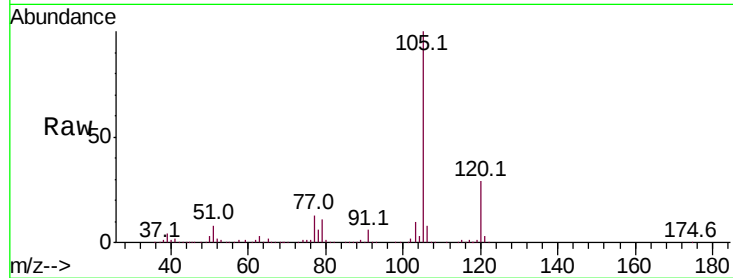
120 28.4 12.8 38.4

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#74

N-ethyl acetate

Concen: 16.716 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX010318.D

Acq: 17 Jun 2019 12:49

Tgt Ion: 43 Resp: 97869

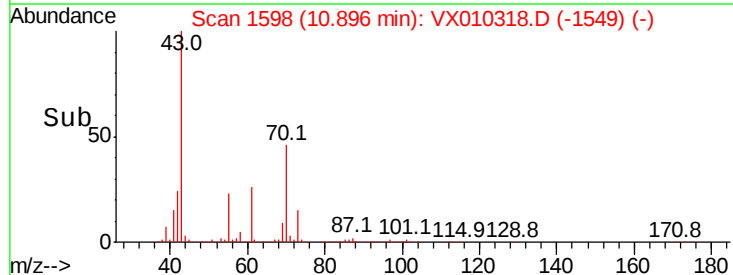
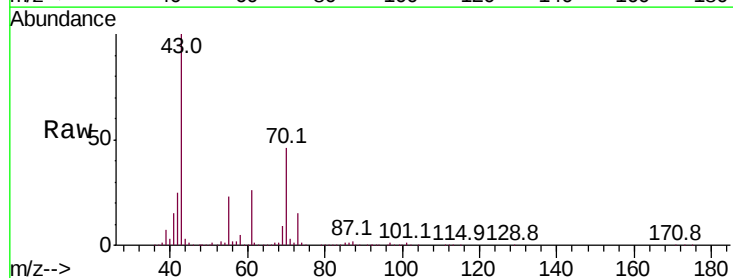
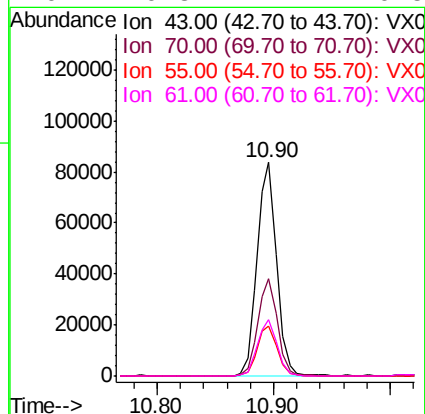
Ion Ratio Lower Upper

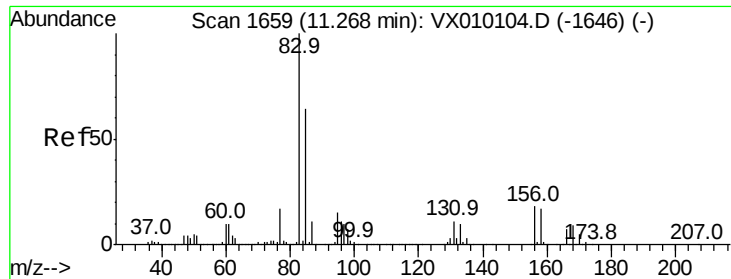
43 100

70 46.1 28.6 43.0#

55 23.9 17.8 26.8

61 26.3 17.7 26.5





#75

1,1,2,2-Tetrachloroethane

Concen: 16.913 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VX010318.D

Acq: 17 Jun 2019 12:49

Instrument :

MSVOA_X

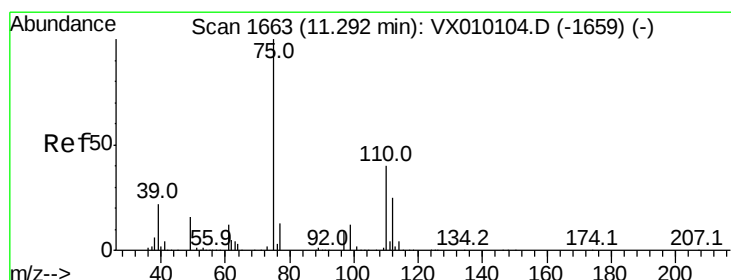
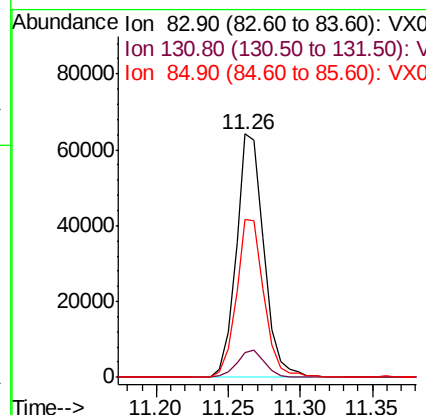
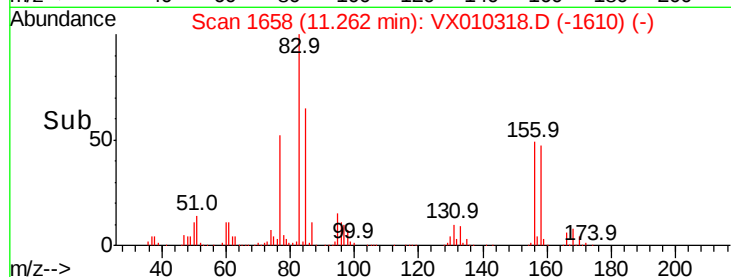
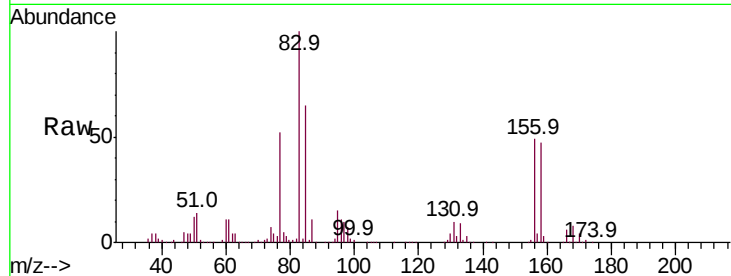
ClientSampleId :

VX0617WBS01

Tot Ion:	83	Resp:	85750
Ion Ratio	Lower	Upper	
83	100		
131	11.1	4.7	14.1
85	65.2	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 16.731 ug/l m

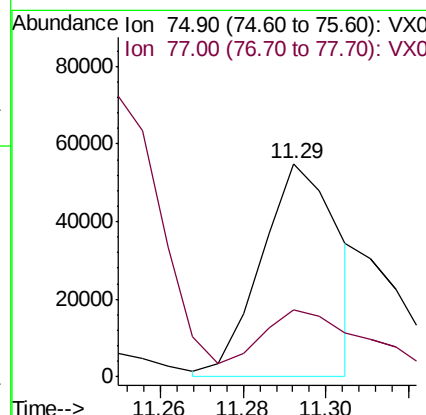
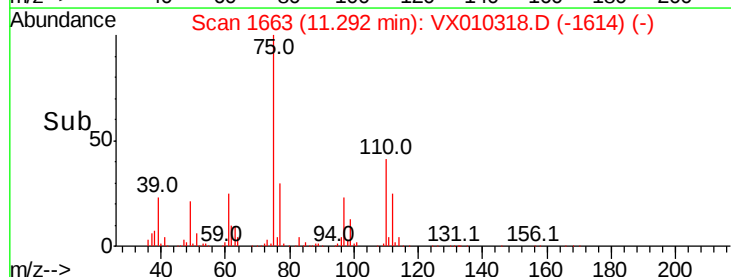
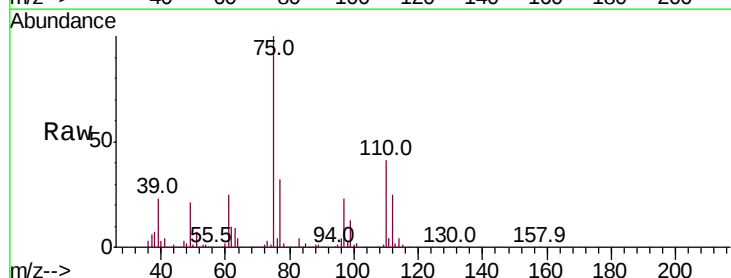
RT: 11.29 min Scan# 1663

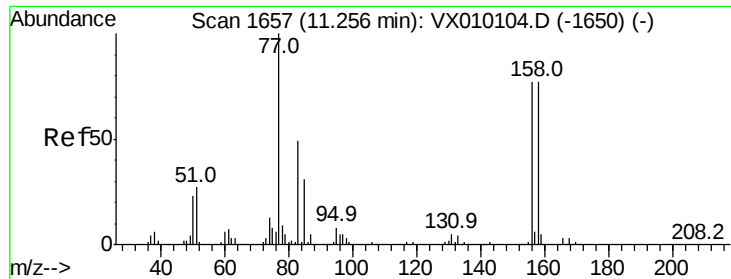
Delta R.T. -0.00 min

Lab File: VX010318.D

Acq: 17 Jun 2019 12:49

Tgt Ion:	75	Resp:	71002
Ion Ratio	Lower	Upper	
75	100		
77	43.7	22.1	66.1





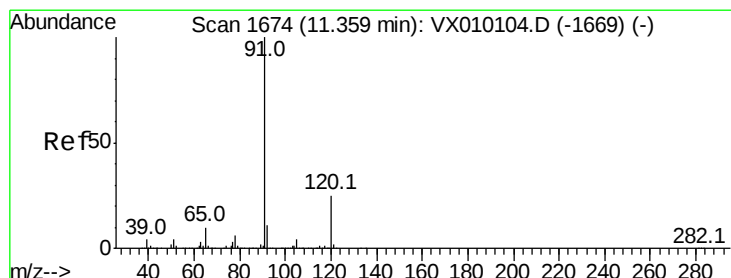
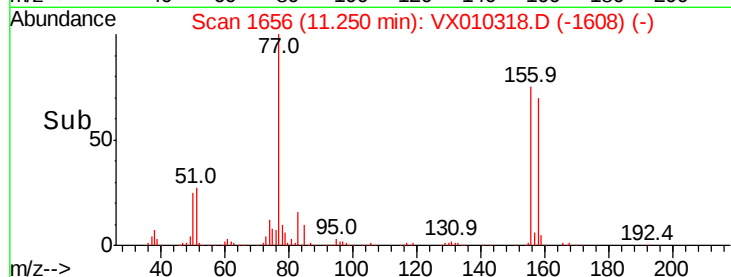
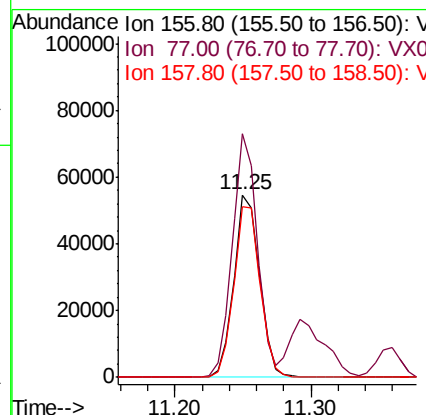
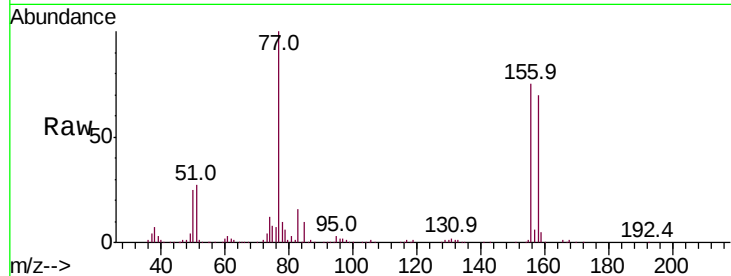
#77
Bromobenzene
Concen: 17.591 ug/l
RT: 11.25 min Scan# 1656
Delta R.T. -0.01 min
Lab File: VX010318.D
Acq: 17 Jun 2019 12:49

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	129.9	86.8	260.3
158	96.1	49.6	148.8

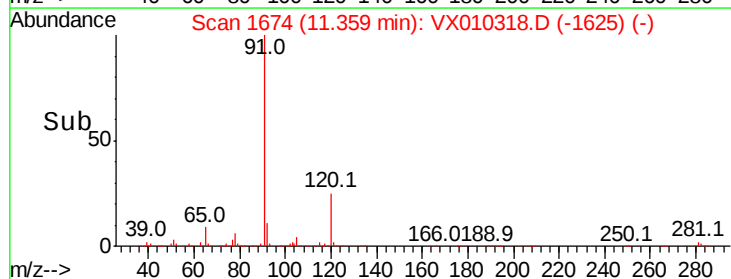
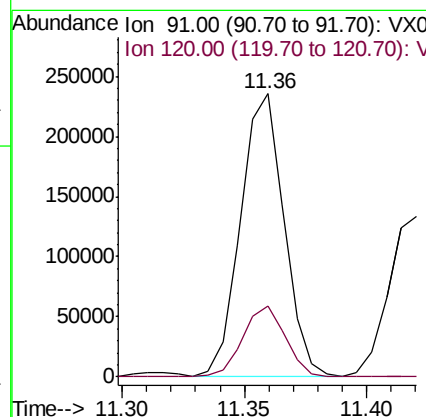
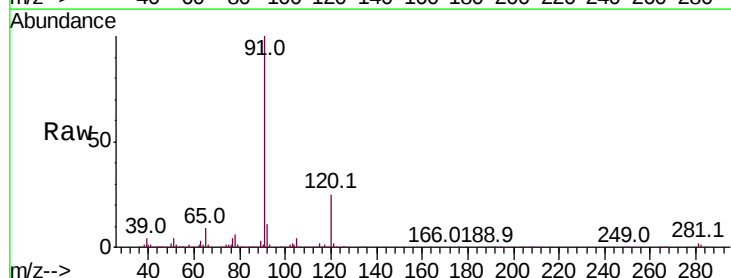
Manual Integrations
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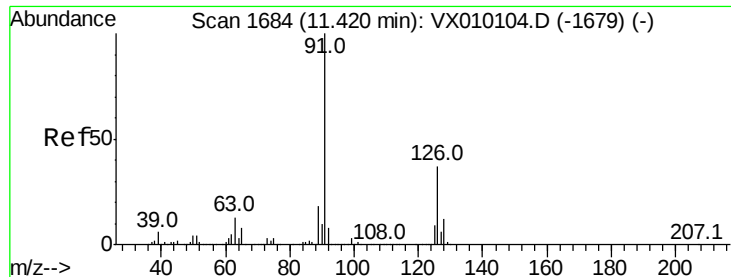
MMDadoda
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#78
n-propylbenzene
Concen: 17.501 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VX010318.D
Acq: 17 Jun 2019 12:49

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.8	11.1	33.3





#79

2-Chlorotoluene

Concen: 17.174 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX010318.D

Acq: 17 Jun 2019 12:49

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS01

Tot Ion: 91 Resp: 170076

Ion Ratio Lower Upper

91 100

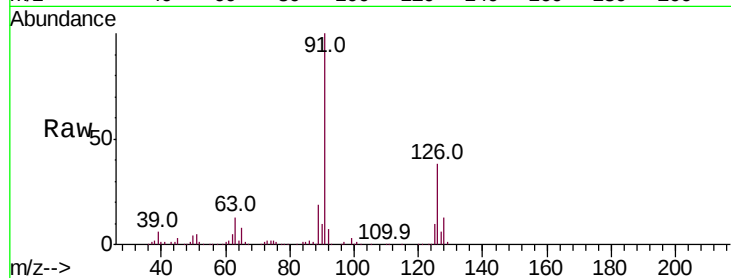
126 37.8 16.1 48.3

Manual Integrations

APPROVED

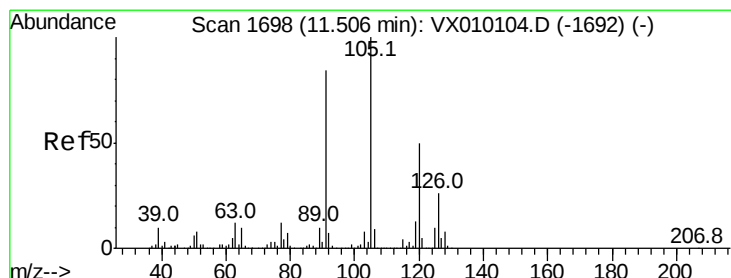
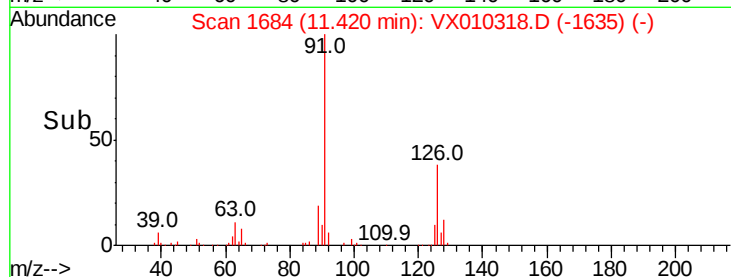
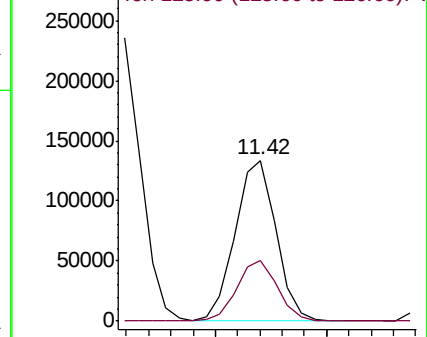
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 17.520 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010318.D

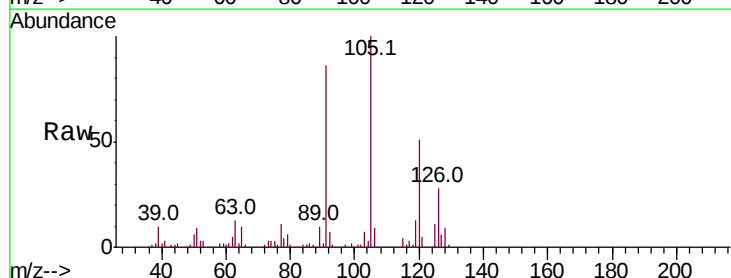
Acq: 17 Jun 2019 12:49

Tgt Ion:105 Resp: 218559

Ion Ratio Lower Upper

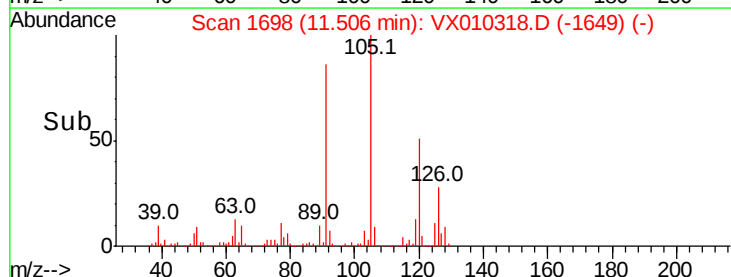
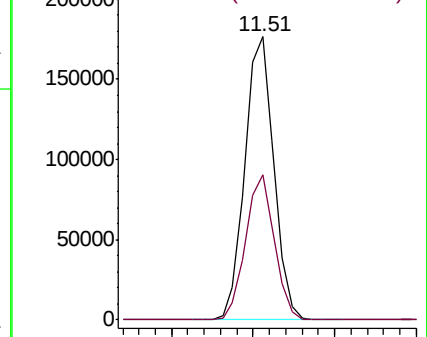
105 100

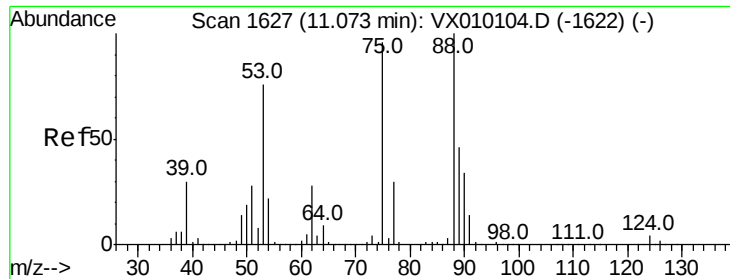
120 51.1 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





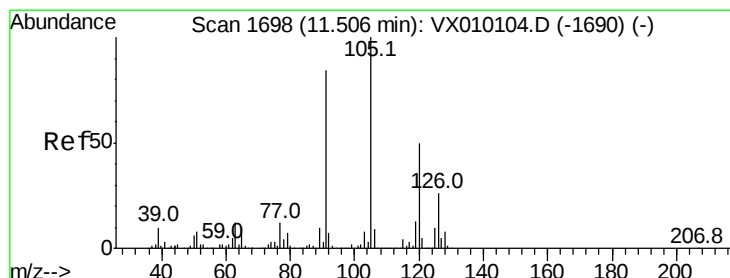
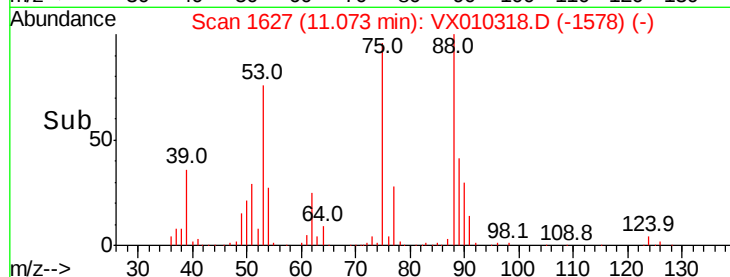
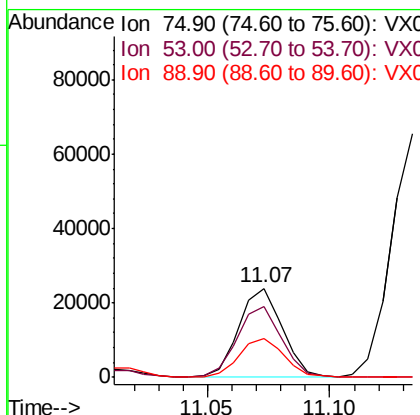
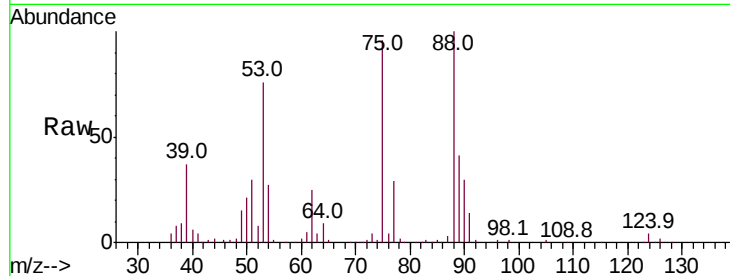
#81
trans-1,4-Dichloro-2-butene
Concen: 15.328 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX010318.D
Acq: 17 Jun 2019 12:49

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	82.8	79.8	119.6
89	45.2	34.2	51.4

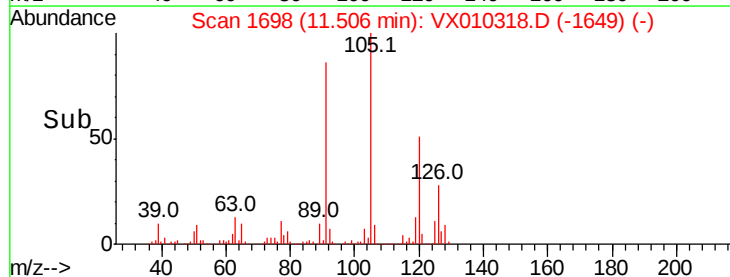
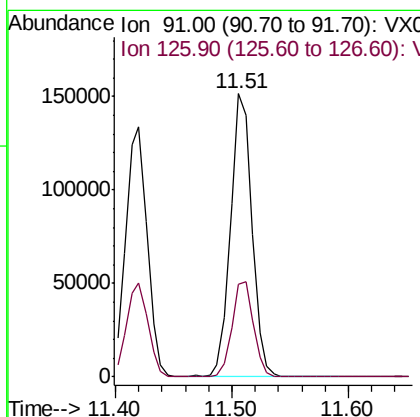
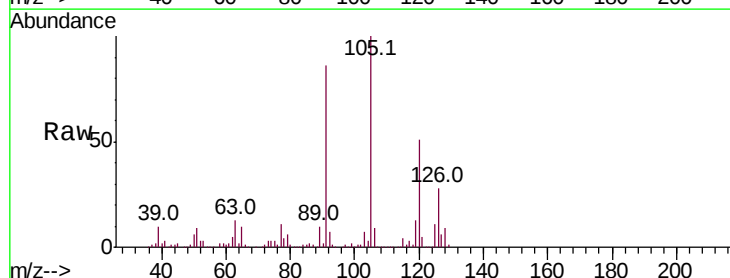
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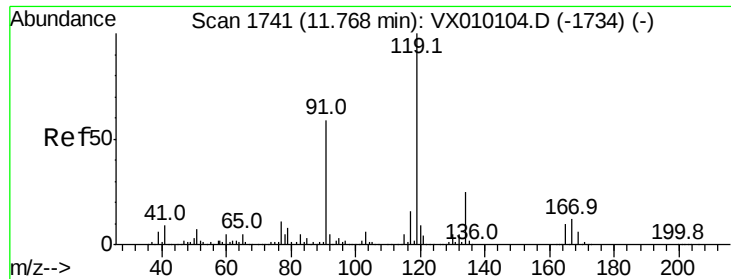
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#82
4-Chlorotoluene
Concen: 17.226 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX010318.D
Acq: 17 Jun 2019 12:49

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.0	14.2	42.6





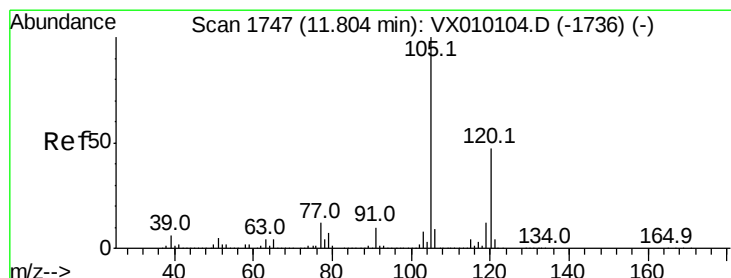
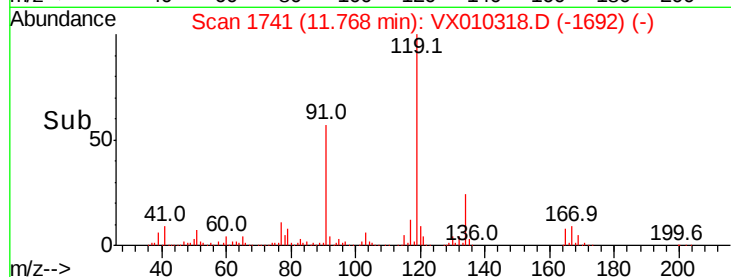
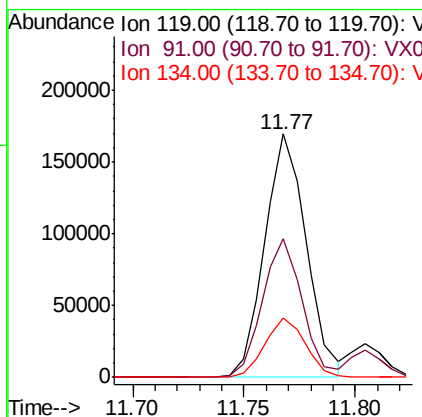
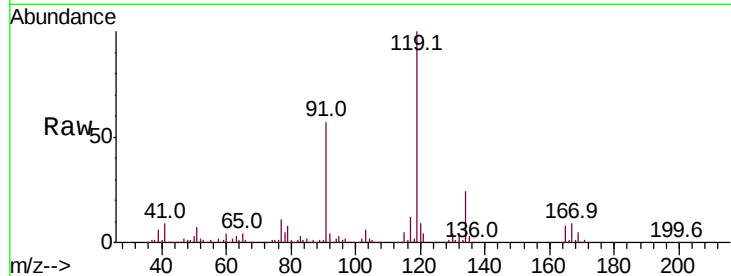
#83
tert-Butylbenzene
Concen: 17.456 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX010318.D
Acq: 17 Jun 2019 12:49

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	220399		
91	54.5	30.0	90.0	
134	23.7	11.2	33.5	

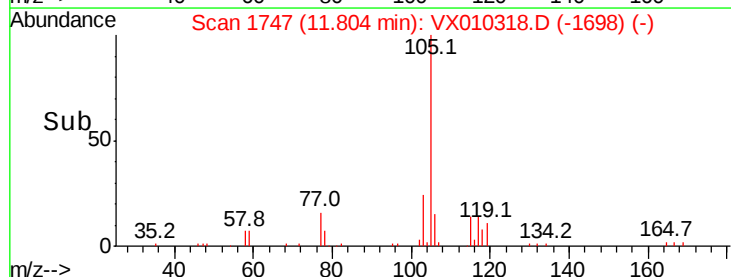
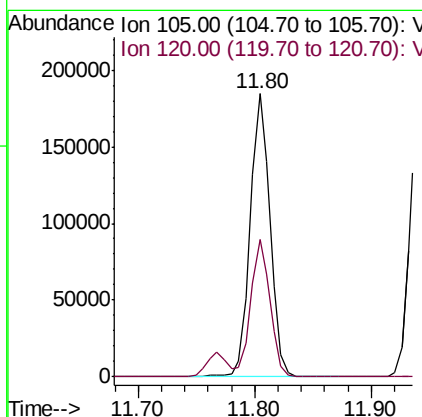
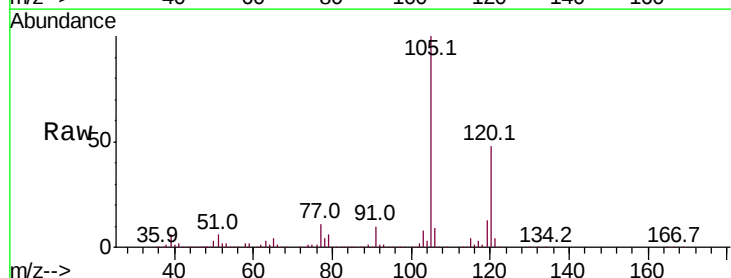
Manual Integrations
APPROVED

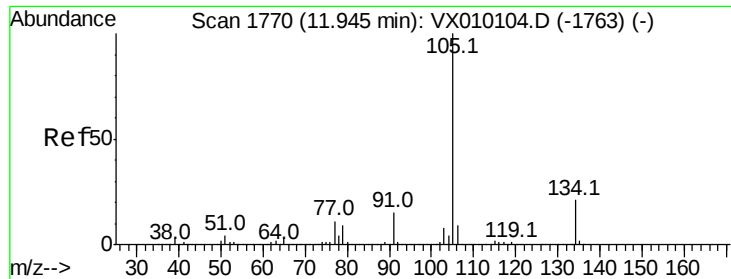
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#84
1,2,4-Trimethylbenzene
Concen: 17.455 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX010318.D
Acq: 17 Jun 2019 12:49

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	219945		
120	47.5	22.1	66.1	





#85

sec-Butylbenzene

Concen: 17.656 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX010318.D

Acq: 17 Jun 2019 12:49

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBS01

Tot Ion:105 Resp: 259722

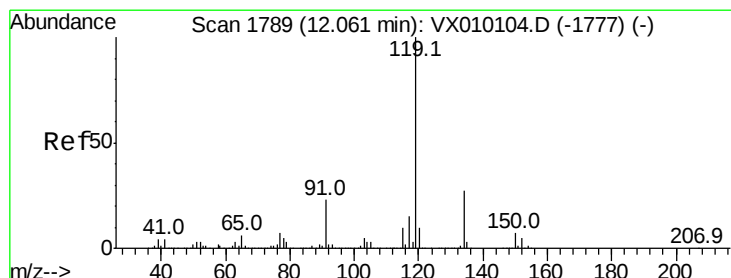
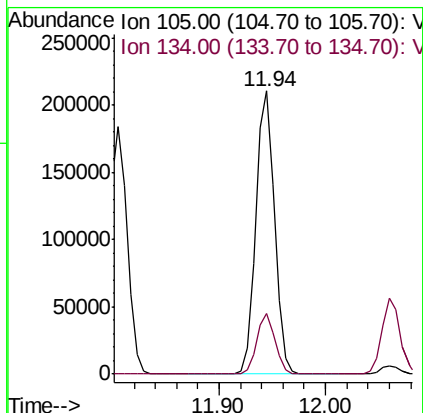
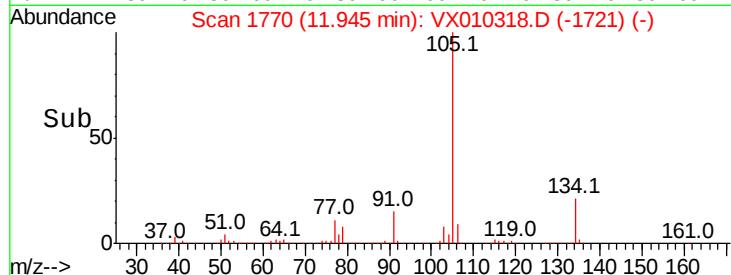
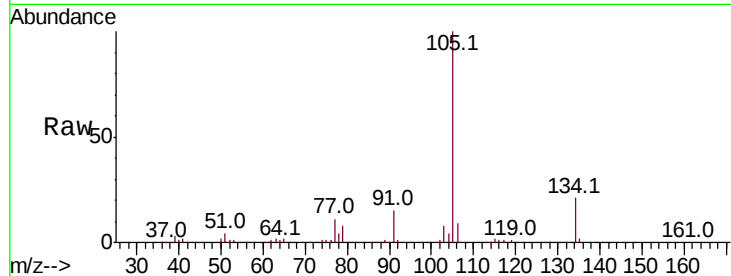
Ion Ratio Lower Upper

105 100

134 21.0 9.7 28.9

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#86

p-Isopropyltoluene

Concen: 17.888 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX010318.D

Acq: 17 Jun 2019 12:49

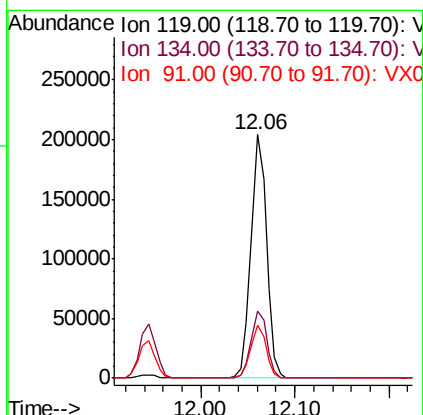
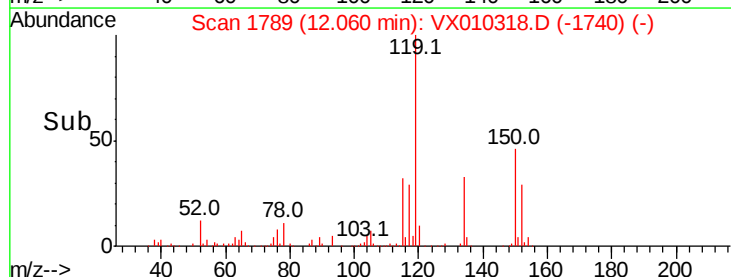
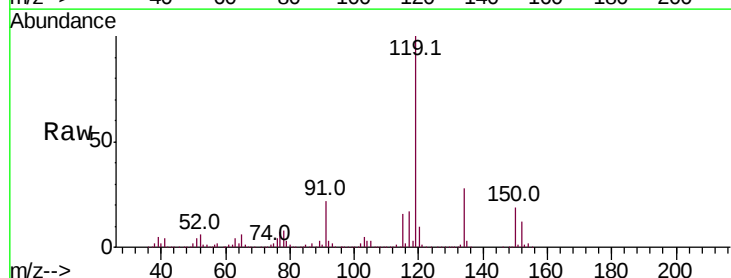
Tgt Ion:119 Resp: 240558

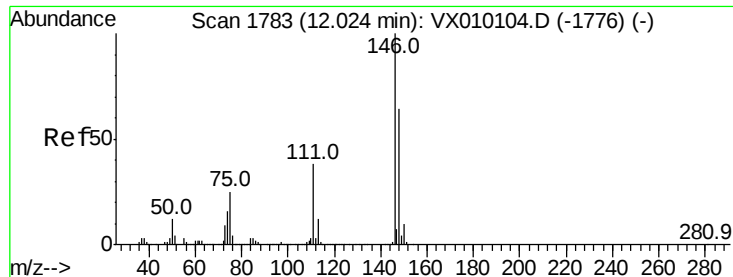
Ion Ratio Lower Upper

119 100

134 27.9 12.9 38.6

91 21.6 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 17.714 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX010318.D

Acq: 17 Jun 2019 12:49

Instrument :

MSVOA_X

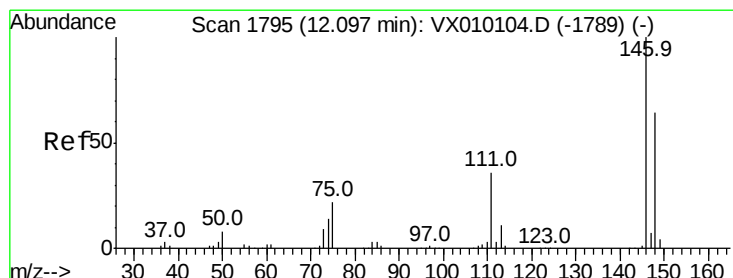
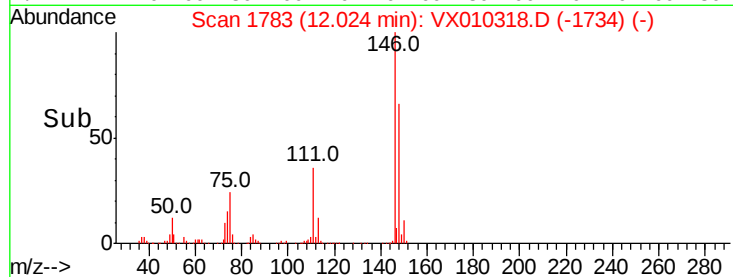
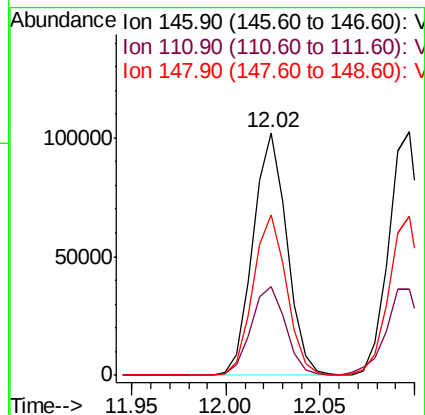
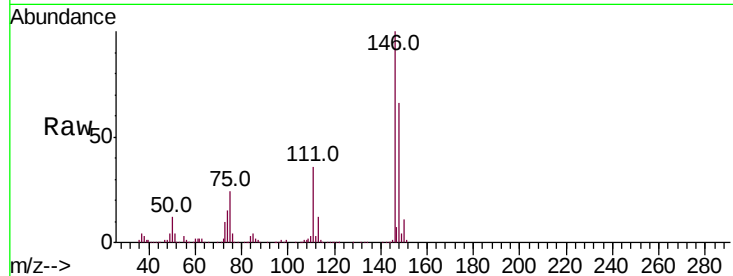
ClientSampleId :

VX0617WBS01

Tot Ion:	146	Resp:	127080
Ion Ratio	Lower	Upper	
146	100		
111	37.4	20.1	60.2
148	65.2	31.9	95.5

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 17.676 ug/l

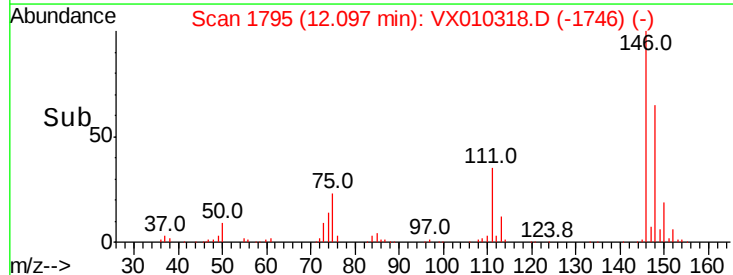
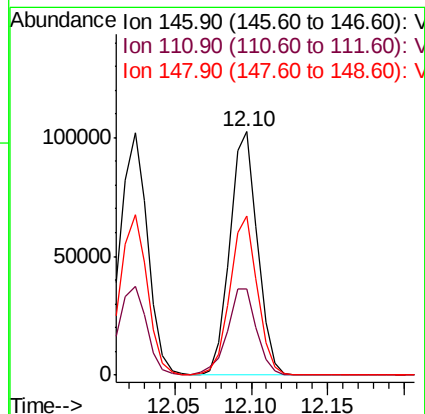
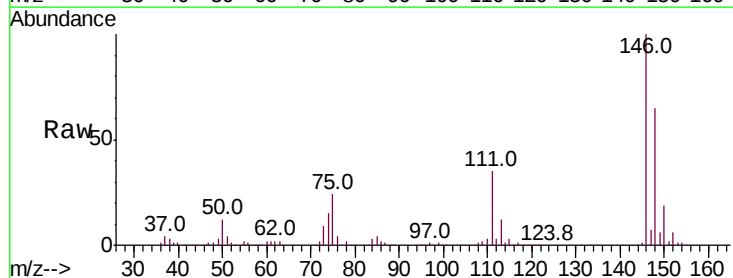
RT: 12.10 min Scan# 1795

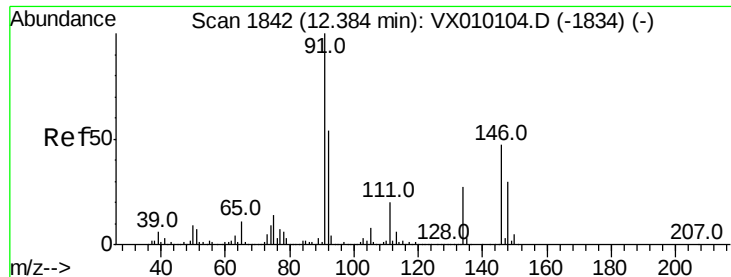
Delta R.T. -0.00 min

Lab File: VX010318.D

Acq: 17 Jun 2019 12:49

Tgt Ion:	146	Resp:	127833
Ion Ratio	Lower	Upper	
146	100		
111	38.0	20.0	59.9
148	64.8	32.3	96.9





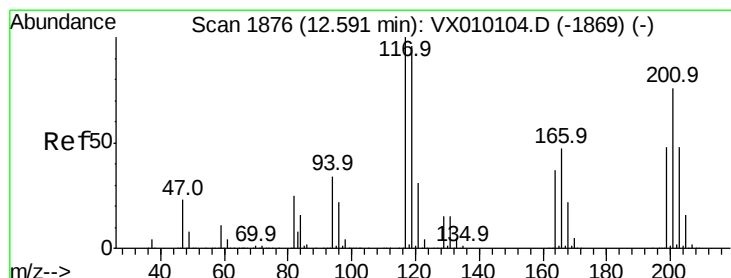
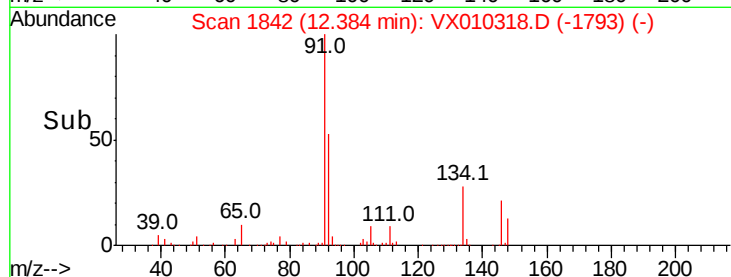
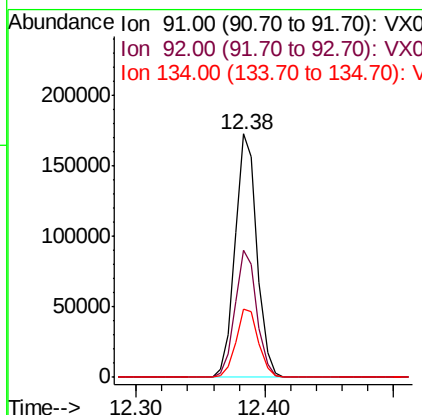
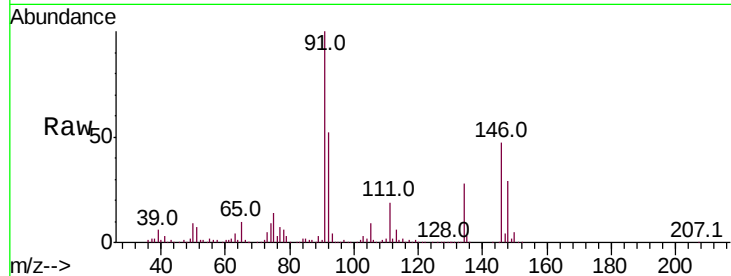
#89
n-Butylbenzene
Concen: 17.641 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX010318.D
Acq: 17 Jun 2019 12:49

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	204201		
92	52.3		26.3	78.8
134	28.8		12.3	36.8

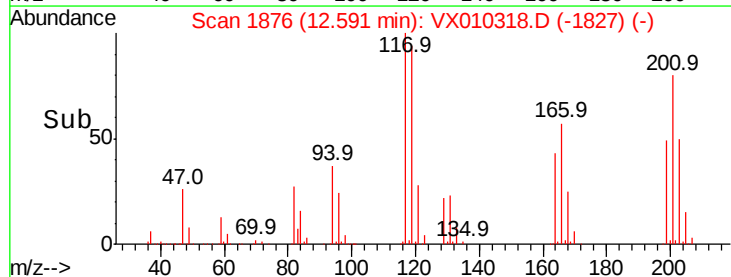
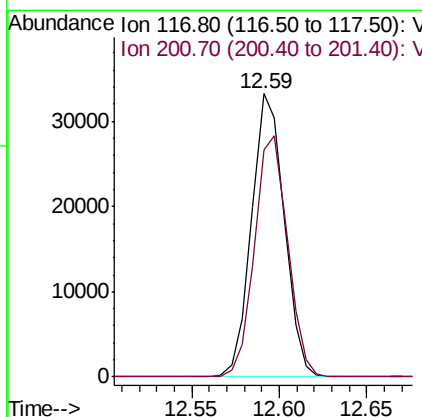
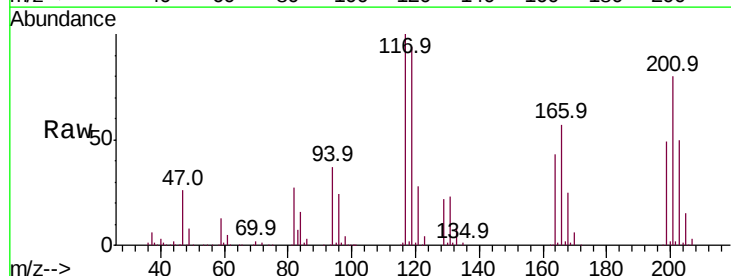
Manual Integrations
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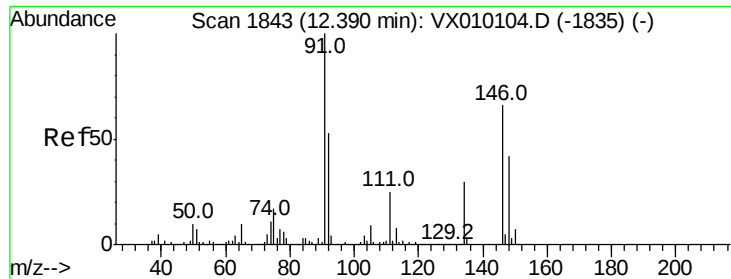
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#90
Hexachloroethane
Concen: 16.094 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.00 min
Lab File: VX010318.D
Acq: 17 Jun 2019 12:49

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	43114		
201	86.5		43.6	130.9





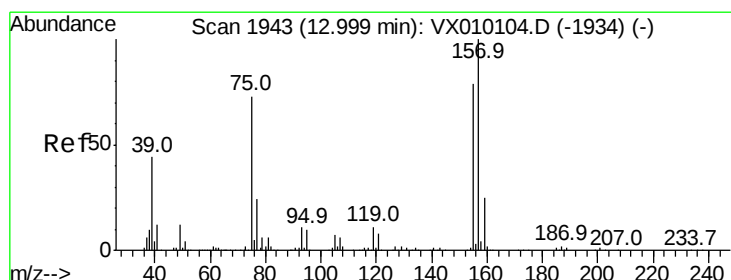
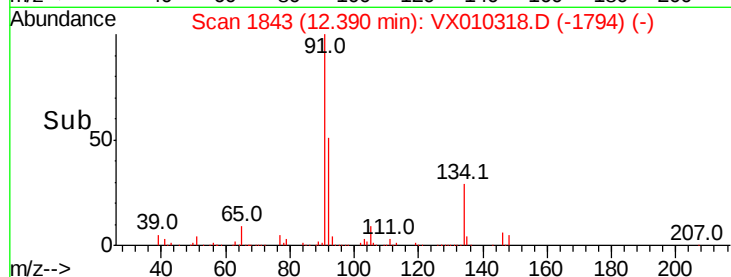
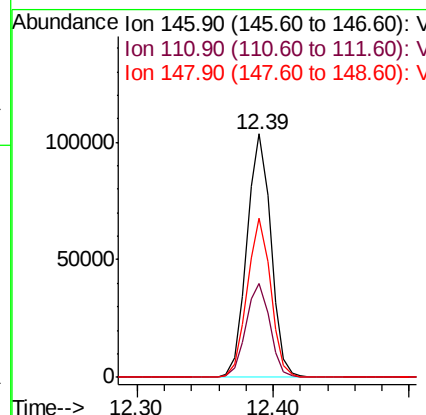
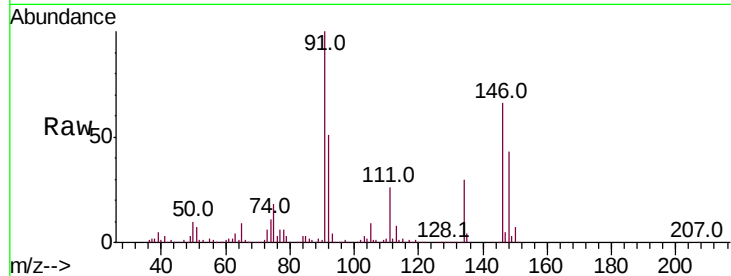
#91
 1,2-Dichlorobenzene
 Concen: 18.364 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX010318.D
 Acq: 17 Jun 2019 12:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100			
111	38.7	21.1	63.1	
148	64.0	32.3	96.8	

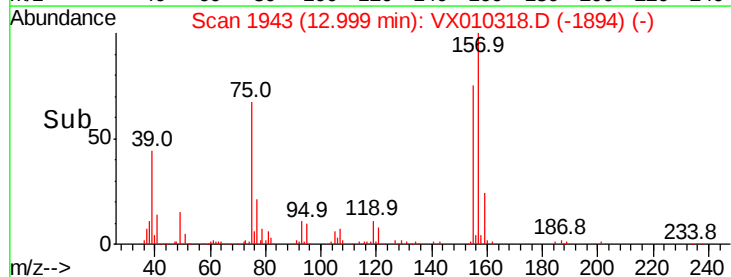
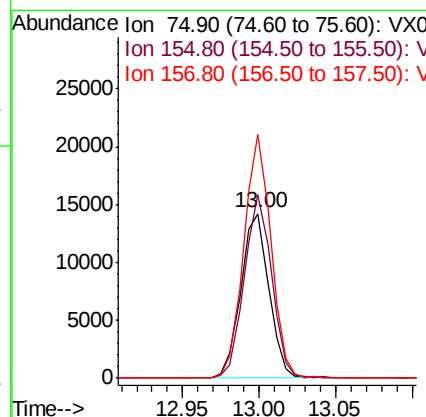
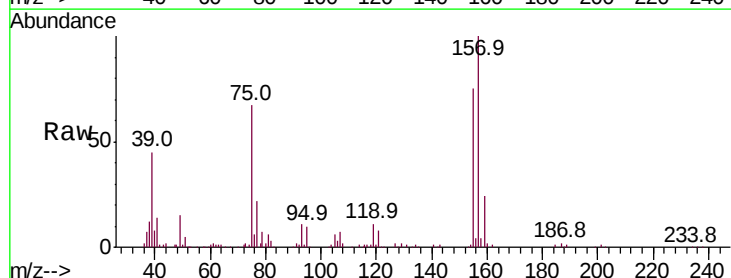
Manual Integrations
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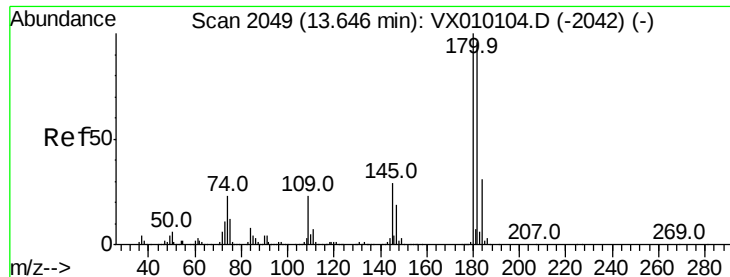
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 15.175 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX010318.D
 Acq: 17 Jun 2019 12:49

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
155	108.2	39.3	117.8	
157	142.1	50.6	151.8	





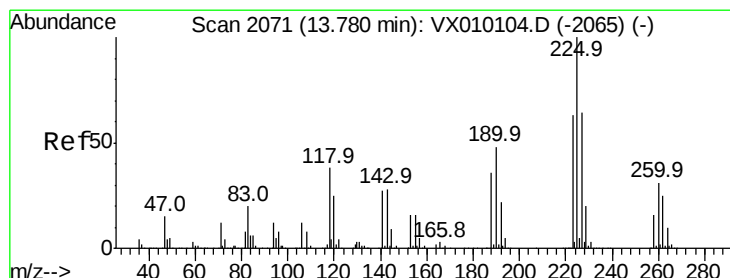
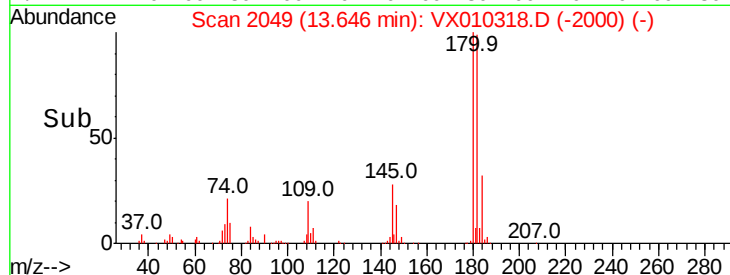
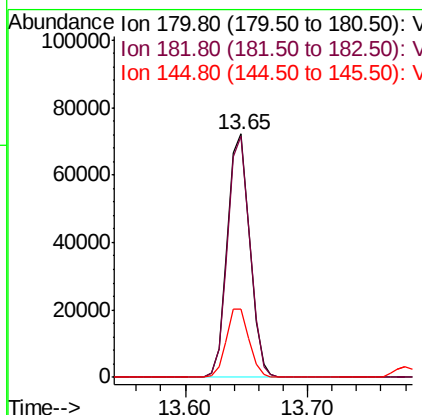
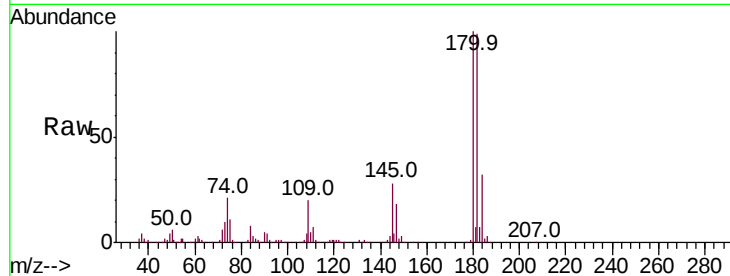
#93
 1,2,4-Trichlorobenzene
 Concen: 17.845 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX010318.D
 Acq: 17 Jun 2019 12:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	98.3	47.4	142.2	
145	28.6	14.5	43.5	

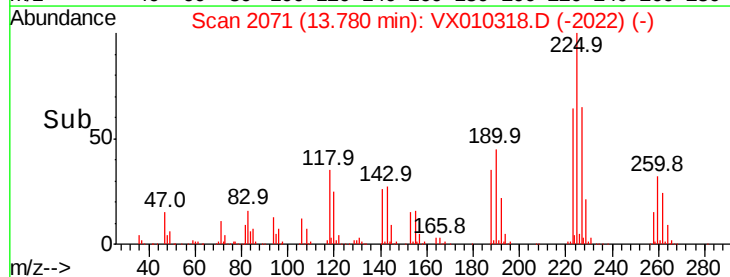
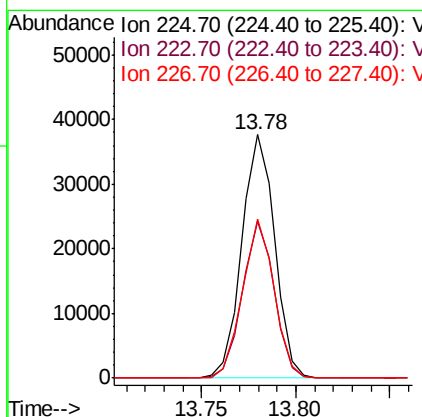
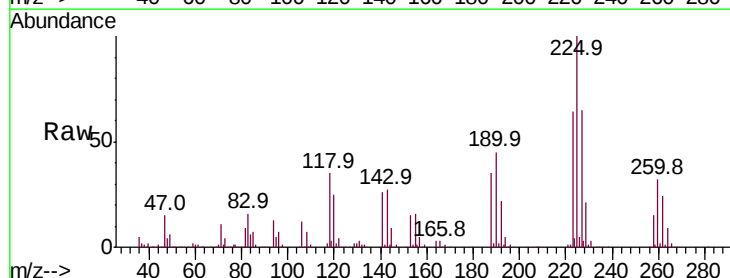
Manual Integrations
 APPROVED

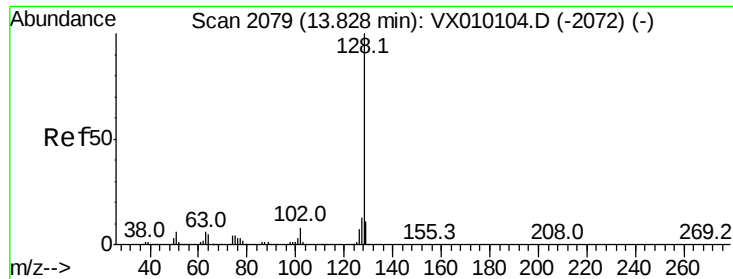
MMDadoda
 6/18/2019 11:26:25 AM



#94
 Hexachlorobutadiene
 Concen: 20.074 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX010318.D
 Acq: 17 Jun 2019 12:49

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.0	31.3	93.8	
227	62.8	32.3	96.8	





#95

Naphthalene

Concen: 17.490 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.01 min

Lab File: VX010318.D

Acq: 17 Jun 2019 12:49

Instrument :

MSVOA_X

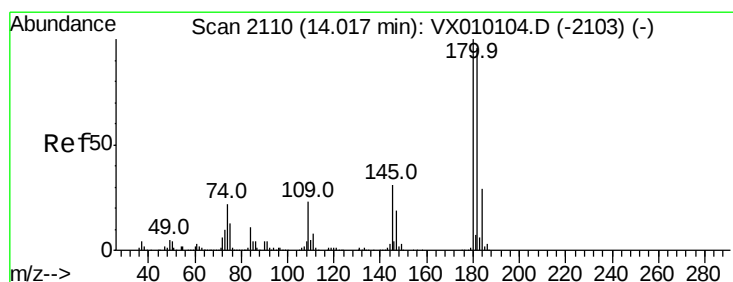
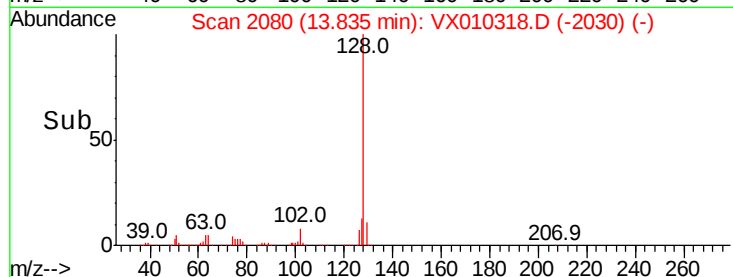
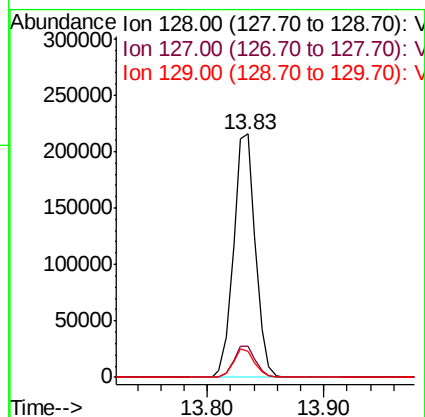
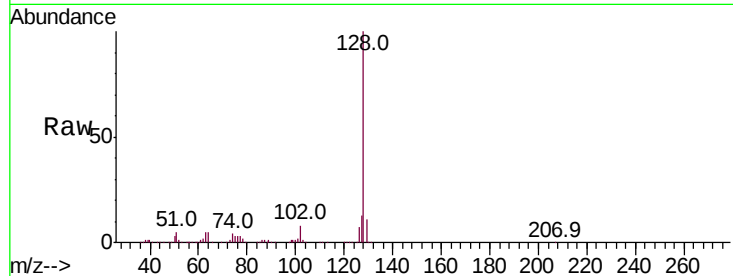
ClientSampleId :

VX0617WBS01

Tot Ion:	128	Resp:	281084
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.6	16.0
129	11.2	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
6/18/2019 11:26:25 AM



#96

1,2,3-Trichlorobenzene

Concen: 18.341 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX010318.D

Acq: 17 Jun 2019 12:49

Tgt Ion:	180	Resp:	92586
Ion Ratio	Lower	Upper	
180	100		
182	96.5	47.3	142.0
145	30.3	15.6	46.7

