

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060719\
 Data File : VX010107.D
 Acq On : 07 Jun 2019 13:51
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX060719

Manual Integrations
 APPROVED

MMDadoda
 6/10/2019 10:53:50 AM

Quant Time: Jun 08 02:54:09 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	338877	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	507245	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	460200	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	227194	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	162019	48.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.96%	
35) Dibromofluoromethane	5.50	113	156432	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	
50) Toluene-d8	8.71	98	591234	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	
62) 4-Bromofluorobenzene	11.13	95	222590	50.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	174420	55.937	ug/l	99
3) Chloromethane	1.32	50	155111	50.089	ug/l	97
4) Vinyl Chloride	1.41	62	145257	49.909	ug/l	99
5) Bromomethane	1.64	94	58032	52.839	ug/l	98
6) Chloroethane	1.71	64	79409	54.116	ug/l	100
7) Trichlorofluoromethane	1.92	101	215918	49.943	ug/l	99
8) Diethyl Ether	2.19	74	71416	47.928	ug/l	77
9) 1,1,2-Trichlorotrifluoroet	2.38	101	149455	50.151	ug/l	91
10) Methyl Iodide	2.51	142	233772	50.630	ug/l	97
11) Tert butyl alcohol	3.05	59	204607	252.500	ug/l	99
12) 1,1-Dichloroethene	2.37	96	151135	49.652	ug/l #	80
13) Acrolein	2.29	56	36853	249.420	ug/l	99
14) Allyl chloride	2.73	41	228956	49.831	ug/l #	88
15) Acrylonitrile	3.14	53	412311	248.937	ug/l	99
16) Acetone	2.45	43	393032	252.623	ug/l #	88
17) Carbon Disulfide	2.57	76	436506	49.631	ug/l	98
18) Methyl Acetate	2.78	43	166463	48.652	ug/l #	82
19) Methyl tert-butyl Ether	3.20	73	484594	49.555	ug/l	94
20) Methylene Chloride	2.85	84	165430	48.417	ug/l #	77
21) trans-1,2-Dichloroethene	3.17	96	160142	47.541	ug/l #	80
22) Diisopropyl ether	3.85	45	442822	50.409	ug/l #	91
23) Vinyl Acetate	3.81	43	1994301	254.478	ug/l #	88
24) 1,1-Dichloroethane	3.70	63	262343	49.187	ug/l	95
25) 2-Butanone	4.67	43	594186	256.476	ug/l #	84
26) 2,2-Dichloropropane	4.58	77	245368	50.427	ug/l	95
27) cis-1,2-Dichloroethene	4.59	96	185757	49.570	ug/l	80
28) Bromochloromethane	5.01	49	112358	47.004	ug/l #	50
29) Tetrahydrofuran	5.13	42	362712	249.121	ug/l #	75
30) Chloroform	5.21	83	274491	49.554	ug/l	98
31) Cyclohexane	5.58	56	244398	50.772	ug/l #	77
32) 1,1,1-Trichloroethane	5.49	97	254372	48.848	ug/l	94
36) 1,1-Dichloropropene	5.80	75	208332	50.342	ug/l	93
37) Ethyl Acetate	4.84	43	213845	49.664	ug/l #	91
38) Carbon Tetrachloride	5.78	117	229360	48.965	ug/l	98

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

39) Methylcyclohexane	7.46	83	280354	49.751	ug/l #	83
40) Benzene	6.14	78	641221	50.109	ug/l	100
41) Methacrylonitrile	5.04	41	116189	49.884	ug/l #	83
42) 1,2-Dichloroethane	6.20	62	207253	50.731	ug/l	95
43) Isopropyl Acetate	6.45	43	357262	49.624	ug/l #	88
44) Trichloroethene	7.21	130	191926	49.757	ug/l	87
45) 1,2-Dichloropropane	7.51	63	161437	50.404	ug/l	99
46) Dibromomethane	7.66	93	116497	48.550	ug/l	92
47) Bromodichloromethane	7.90	83	224636	50.100	ug/l	99
48) Methyl methacrylate	7.77	41	173367	51.491	ug/l #	79
49) 1,4-Dioxane	7.74	88	92838	967.117	ug/l #	81
51) 4-Methyl-2-Pentanone	8.64	43	1096546	254.959	ug/l	89
52) Toluene	8.79	92	419722	49.897	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	263243	50.758	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	277604	49.930	ug/l #	89
55) 1,1,2-Trichloroethane	9.21	97	173453	50.350	ug/l	97
56) Ethyl methacrylate	9.18	69	276533	50.816	ug/l #	83
57) 1,3-Dichloropropane	9.37	76	268632	49.530	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	702419	273.802	ug/l #	86
59) 2-Hexanone	9.49	43	867238	252.903	ug/l	87
60) Dibromochloromethane	9.58	129	206031	50.562	ug/l	100
61) 1,2-Dibromoethane	9.67	107	190724	49.709	ug/l	99
64) Tetrachloroethene	9.34	164	164572	48.149	ug/l	98
65) Chlorobenzene	10.13	112	471673	49.659	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	183526	50.245	ug/l	100
67) Ethyl Benzene	10.25	91	805638	49.825	ug/l	95
68) m/p-Xylenes	10.36	106	623031	99.574	ug/l	91
69) o-Xylene	10.69	106	307707	49.472	ug/l	91
70) Styrene	10.71	104	528607	50.180	ug/l	96
71) Bromoform	10.85	173	167127	49.771	ug/l #	99
73) Isopropylbenzene	11.02	105	808665	50.989	ug/l	95
74) N-amyl acetate	10.90	43	313965	50.080	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.27	83	266682	49.123	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	227902m	50.151	ug/l	
77) Bromobenzene	11.26	156	217763	49.930	ug/l	85
78) n-propylbenzene	11.36	91	904750	51.242	ug/l	94
79) 2-Chlorotoluene	11.42	91	533314	50.292	ug/l	91
80) 1,3,5-Trimethylbenzene	11.51	105	667326	49.957	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	104622	50.867	ug/l	84
82) 4-Chlorotoluene	11.51	91	612649	50.858	ug/l	93
83) tert-Butylbenzene	11.77	119	685079	50.671	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	677061	50.179	ug/l	97
85) sec-Butylbenzene	11.94	105	790029	50.156	ug/l	95
86) p-Isopropyltoluene	12.06	119	722142	50.149	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	384282	50.023	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	377081	48.693	ug/l	98
89) n-Butylbenzene	12.38	91	635824	51.296	ug/l	97
90) Hexachloroethane	12.60	117	144587	50.405	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	371428	49.733	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	61861	48.423	ug/l	71

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	268874	49.183	ug/l	100
94) Hexachlorobutadiene	13.78	225	120379	49.513	ug/l	99
95) Naphthalene	13.83	128	861966	50.088	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	263713	48.788	ug/l	97

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

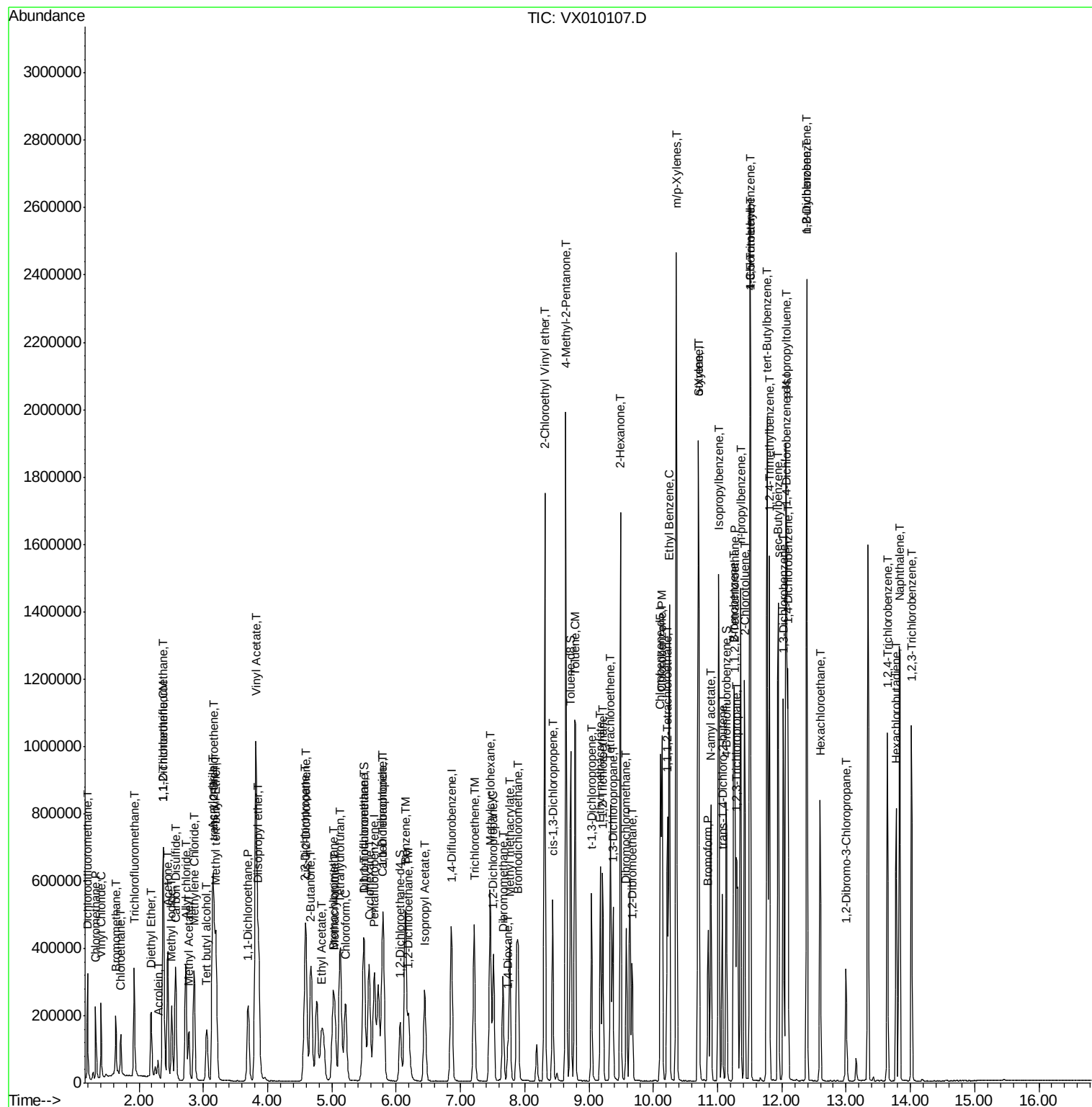
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX060719\
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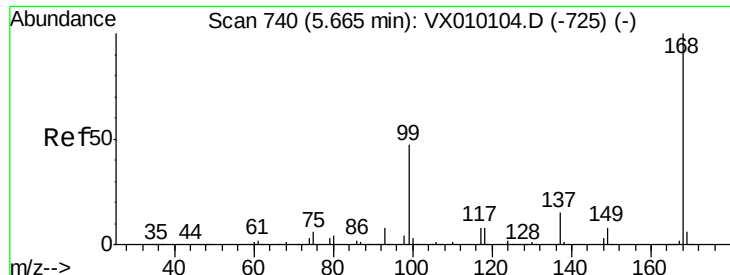
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010107.D

Acq: 07 Jun 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

ICVVX060719

Tot Ion:168 Resp: 338877

Ion Ratio Lower Upper

168 100

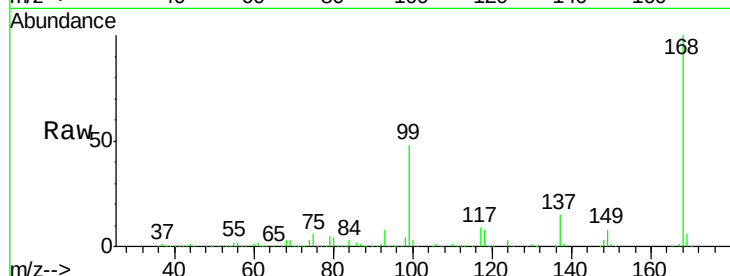
99 47.4 43.0 64.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

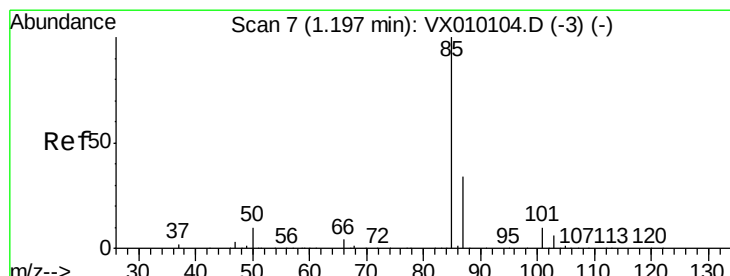
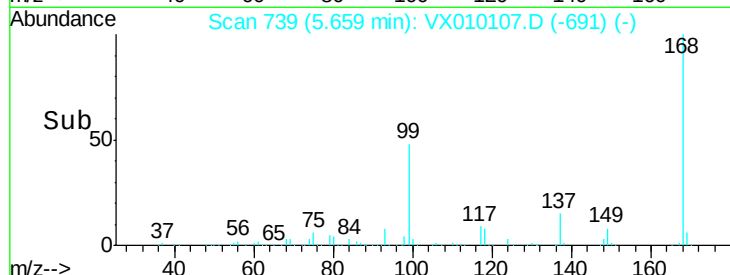
5.66

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 55.937 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX010107.D

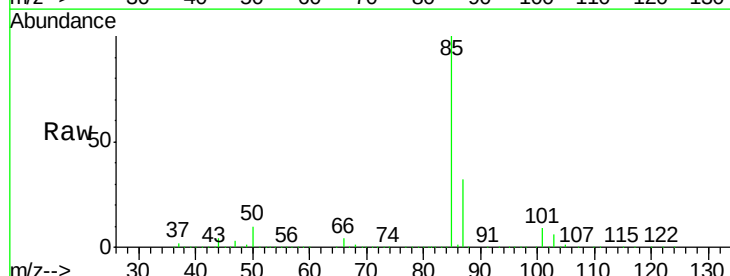
Acq: 07 Jun 2019 13:51

Tgt Ion: 85 Resp: 174420

Ion Ratio Lower Upper

85 100

87 32.5 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

200000

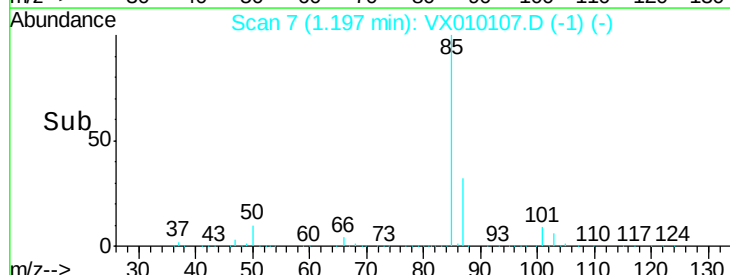
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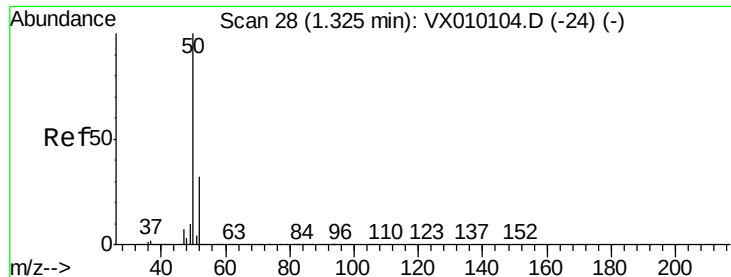
100000

50000

0

Time-->





#3

Chloromethane

Concen: 50.089 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX010107.D

Acq: 07 Jun 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

ICVVX060719

Tot Ion: 50 Resp: 155111

Ion Ratio Lower Upper

50 100

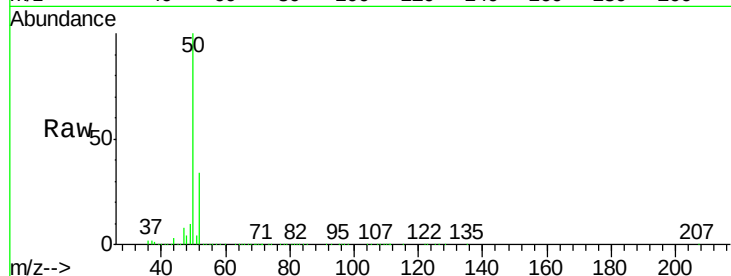
52 34.1 26.0 39.0

Manual Integrations

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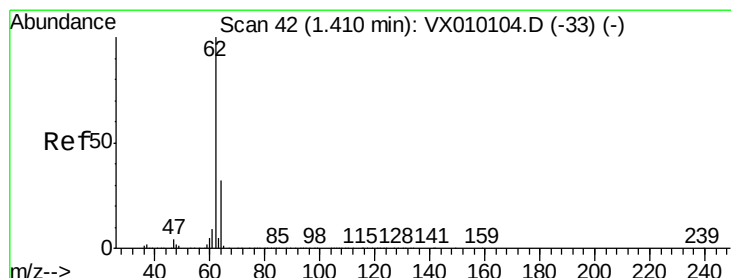
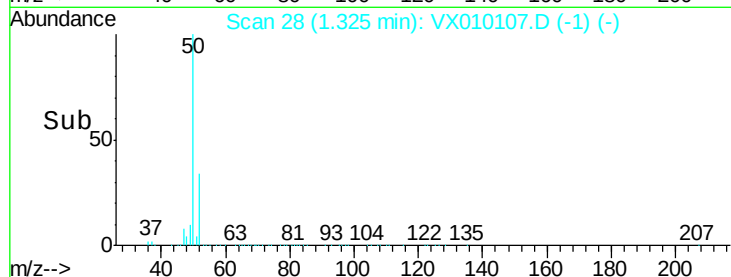
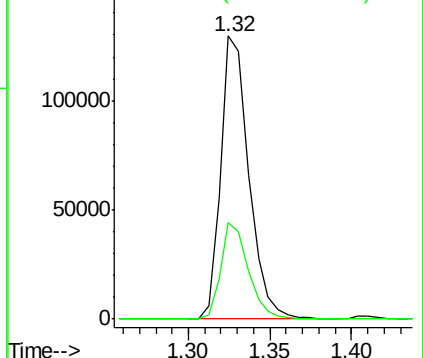
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 49.909 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010107.D

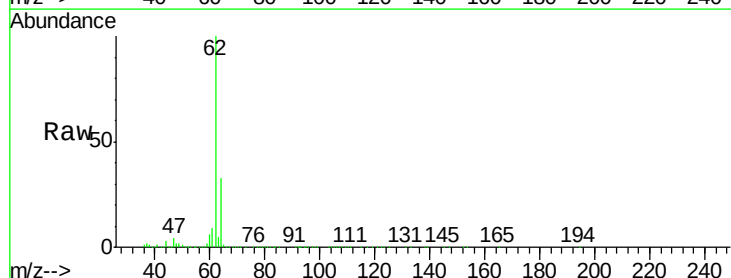
Acq: 07 Jun 2019 13:51

Tgt Ion: 62 Resp: 145257

Ion Ratio Lower Upper

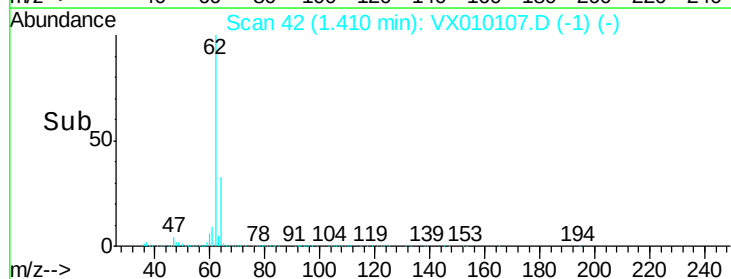
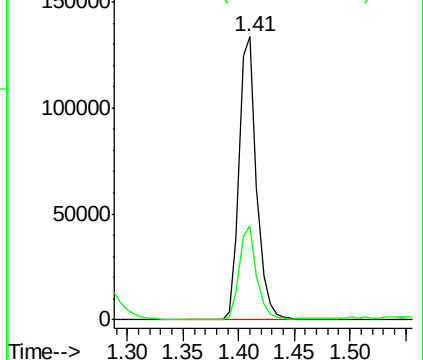
62 100

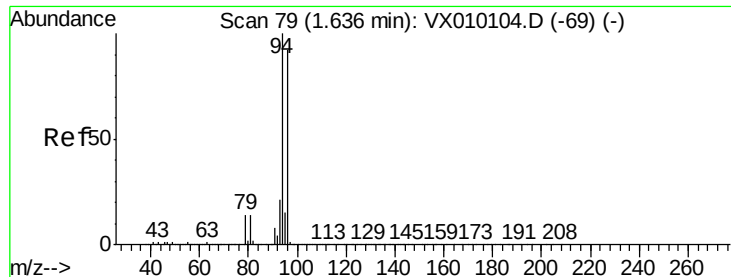
64 32.8 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 52.839 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX010107.D

Acq: 07 Jun 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

ICVVX060719

Tot Ion: 94 Resp: 58032

Ion Ratio Lower Upper

94 100

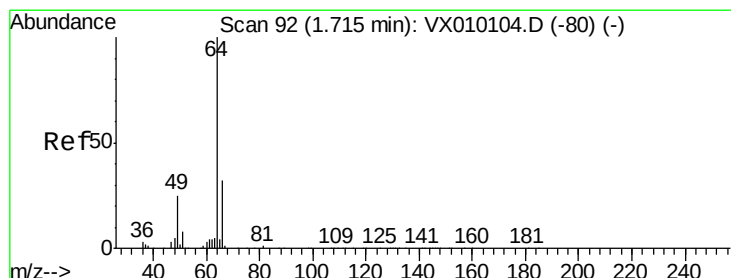
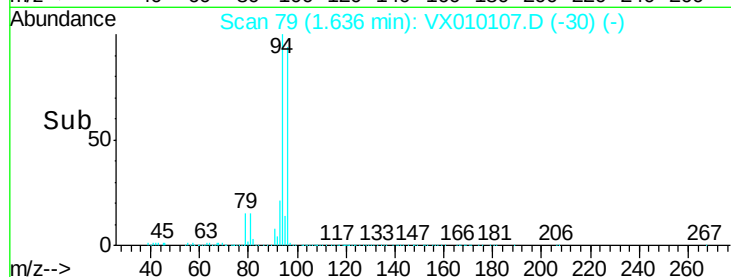
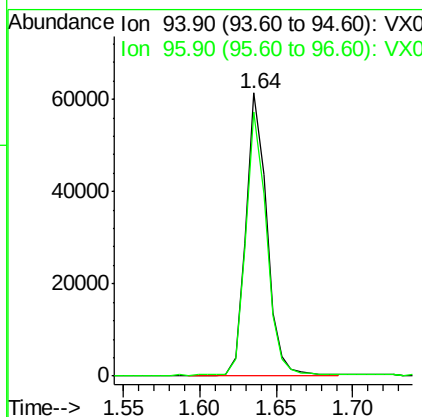
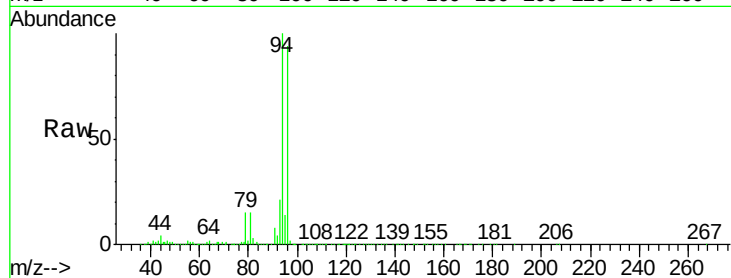
96 93.5 76.2 114.4

Manual Integrations

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#6

Chloroethane

Concen: 54.116 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010107.D

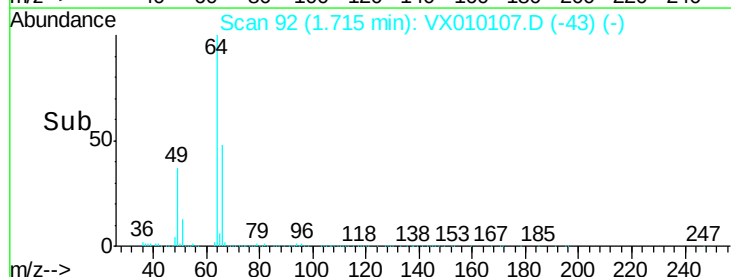
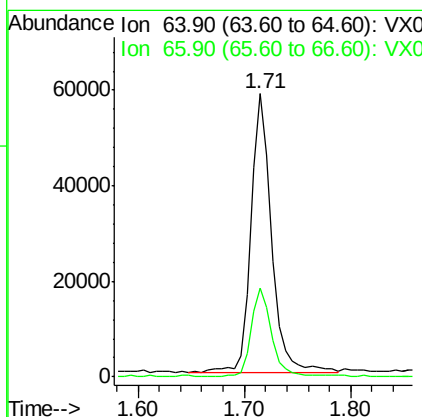
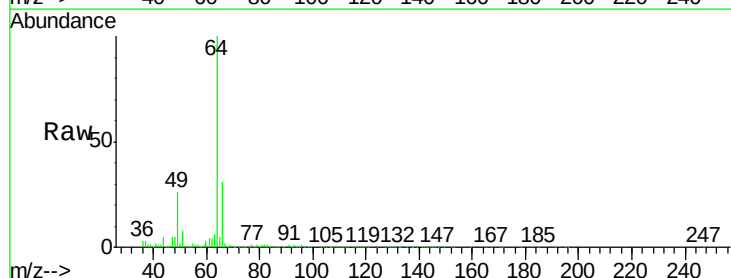
Acq: 07 Jun 2019 13:51

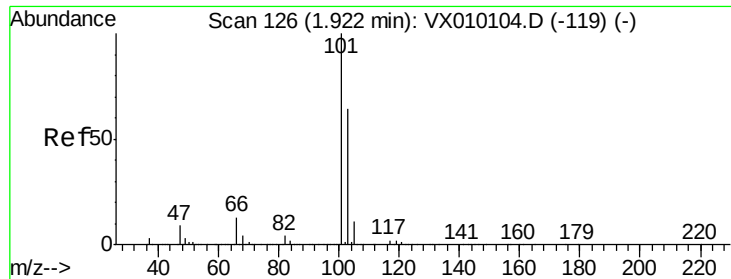
Tgt Ion: 64 Resp: 79409

Ion Ratio Lower Upper

64 100

66 31.3 25.1 37.7





#7

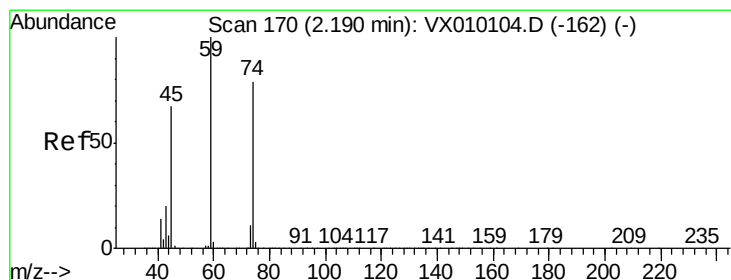
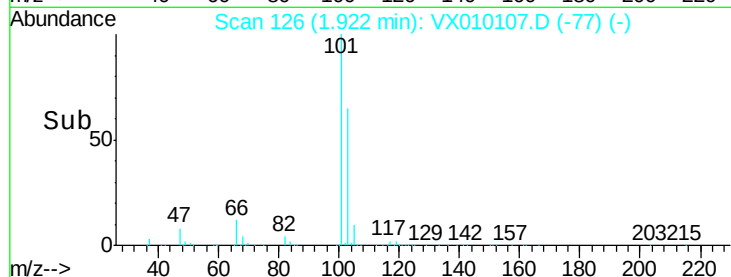
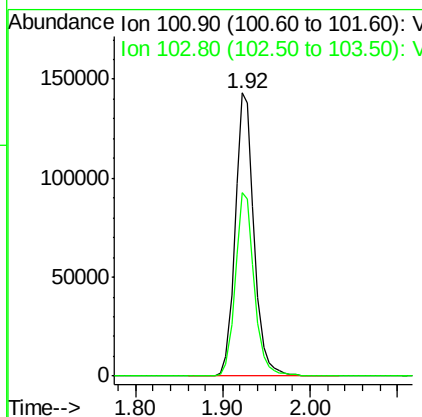
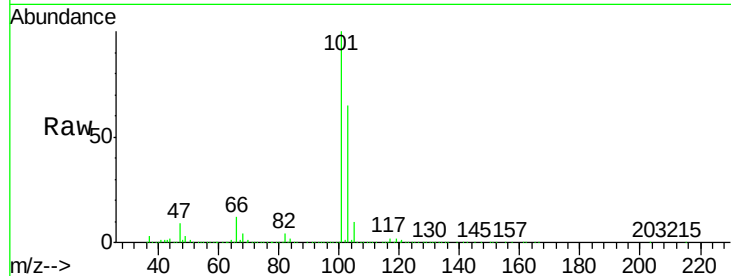
Trichlorofluoromethane
 Concen: 49.943 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.00 min
 Lab File: VX010107.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.6	52.2	78.4

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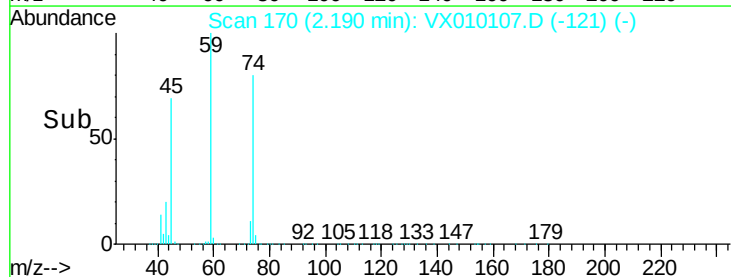
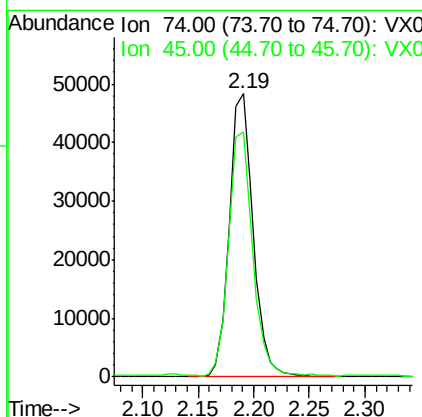
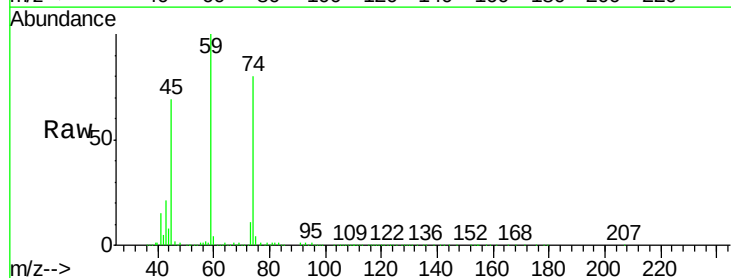
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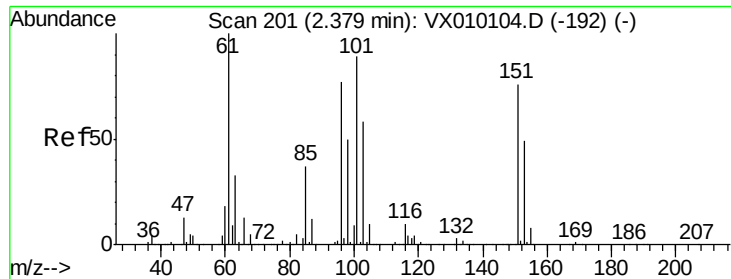


#8

Diethyl Ether
 Concen: 47.928 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX010107.D
 Acq: 07 Jun 2019 13:51

Tgt Ion	Ratio	Lower	Upper
74	100		
45	87.5	56.1	168.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.151 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX010107.D

Acq: 07 Jun 2019 13:51

Instrument :

MSVOA_X

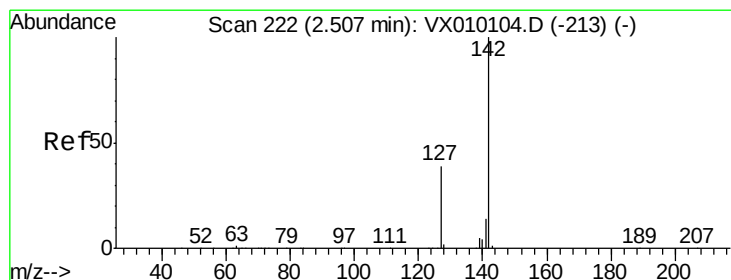
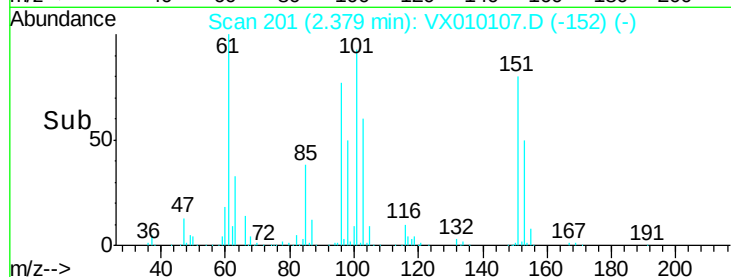
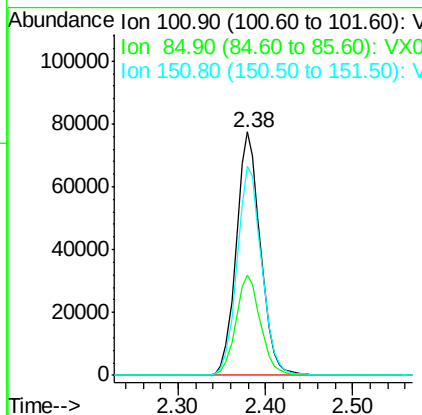
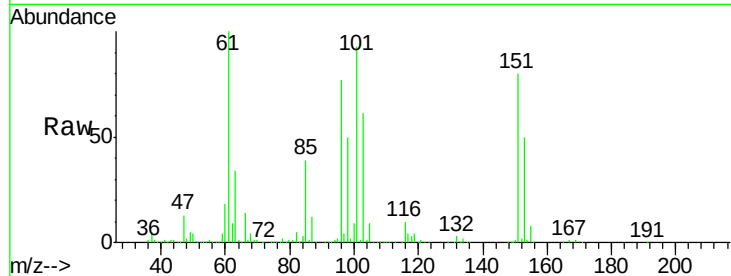
ClientSampleId :

ICVVX060719

Tot Ion:	101	Resp:	149455
Ion Ratio	Lower	Upper	
101	100		
85	41.4	35.2	52.8
151	87.4	61.9	92.9

Manual Integrations
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MMDadoda
6/10/2019 10:53:50 AM



#10

Methyl Iodide

Concen: 50.630 ug/l

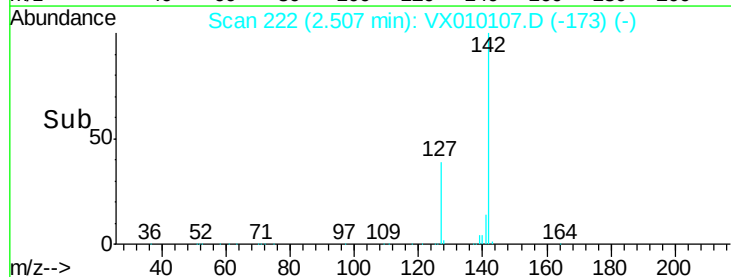
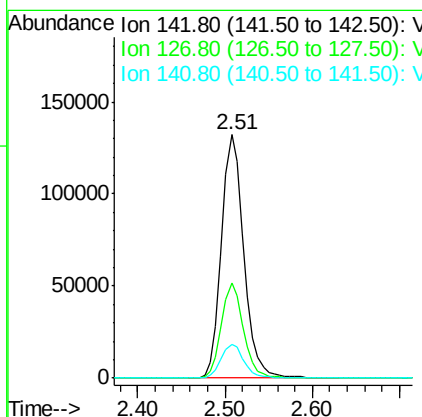
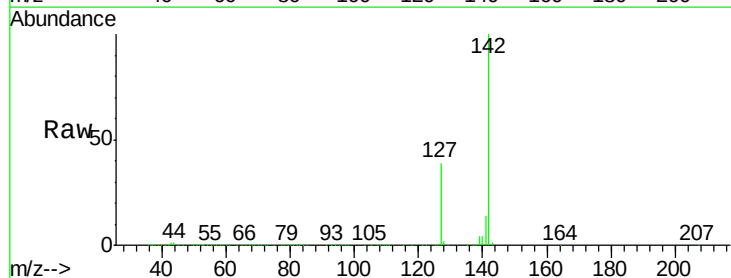
RT: 2.51 min Scan# 222

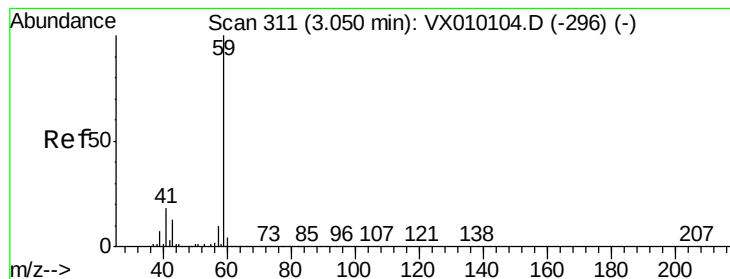
Delta R.T. -0.00 min

Lab File: VX010107.D

Acq: 07 Jun 2019 13:51

Tgt Ion:	142	Resp:	233772
Ion Ratio	Lower	Upper	
142	100		
127	38.5	33.0	49.4
141	14.2	11.4	17.0





#11

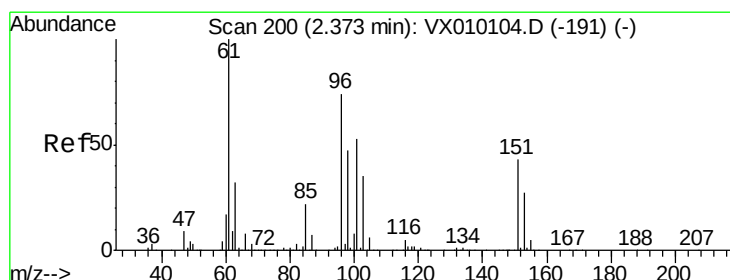
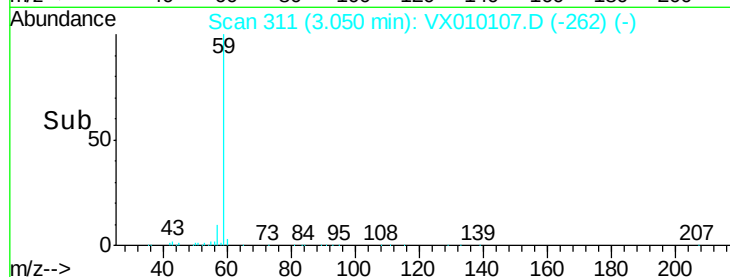
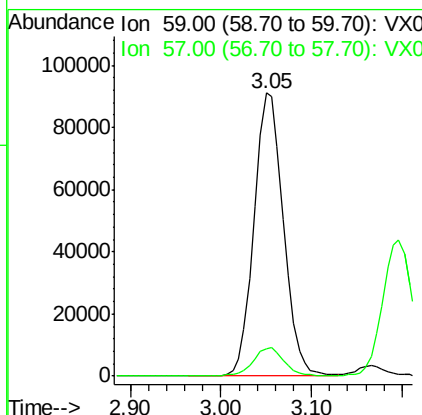
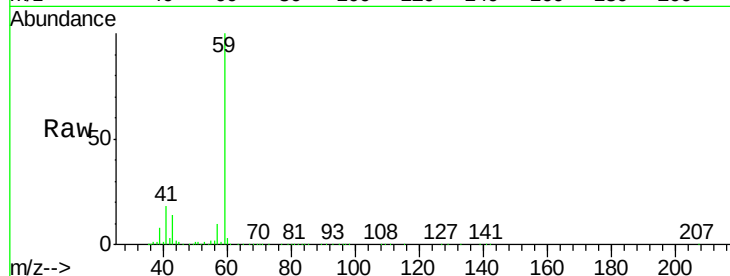
Tert butyl alcohol
Concen: 252.500 ug/l
RT: 3.05 min Scan# 311
Delta R.T. -0.00 min
Lab File: VX010107.D
Acq: 07 Jun 2019 13:51

Instrument :
MSVOA_X
ClientSampled :
ICVVX060719

Tot Ion	59	57	Ratio	100	9.9	Resp:	204607	Lower	8.2	Upper	12.2
Ion	59	57	Ratio	100	9.9	Resp:	204607	Lower	8.2	Upper	12.2

Manual Integrations
APPROVED

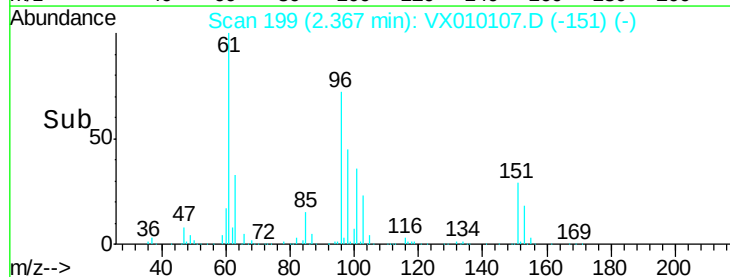
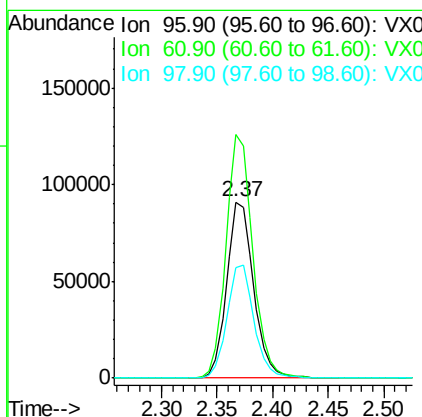
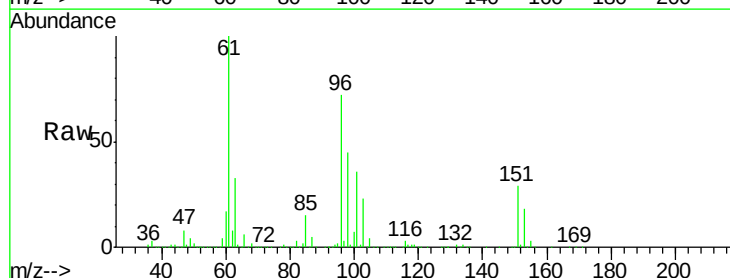
MMDadoda
6/10/2019 10:53:50 AM

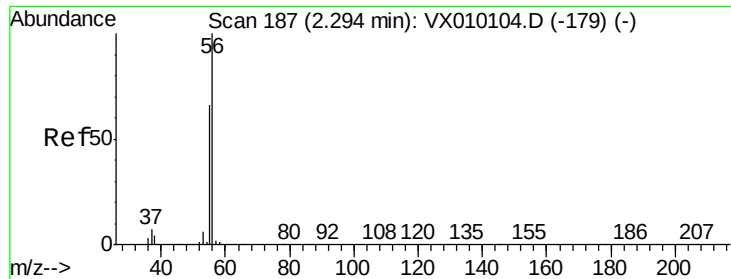


#12

1,1-Dichloroethene
Concen: 49.652 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX010107.D
Acq: 07 Jun 2019 13:51

Tgt Ion	96	61	98	Ratio	100	138.6	62.6	Resp:	151135	Lower	140.7	50.1	Upper	211.1#	75.1
Ion	96	61	98	Ratio	100	138.6	62.6	Resp:	151135	Lower	140.7	50.1	Upper	211.1#	75.1





#13

Acrolein

Concen: 249.420 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX010107.D

Acq: 07 Jun 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

ICVVX060719

Tot Ion: 56 Resp: 36853

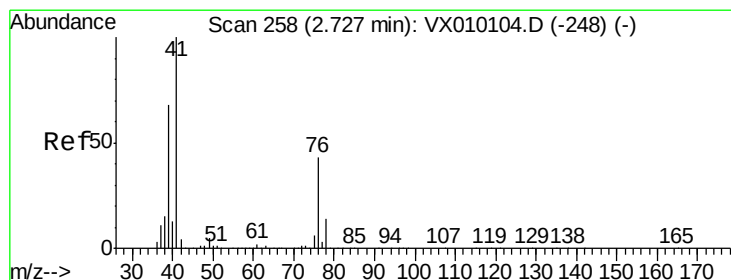
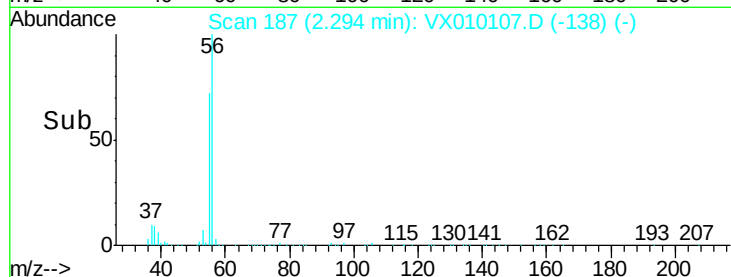
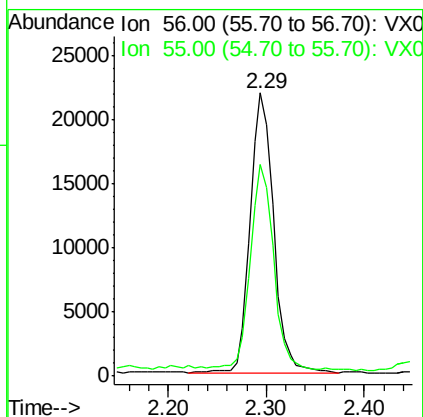
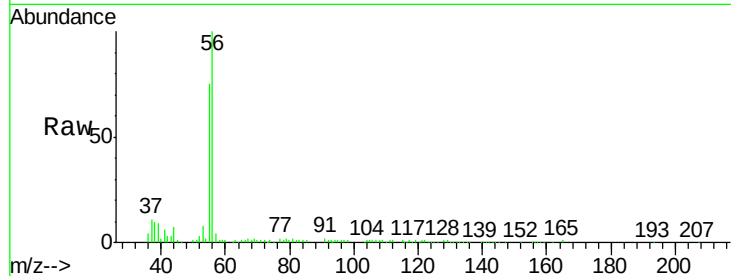
Ion Ratio Lower Upper

56 100

55 72.4 57.0 85.4

Manual Integrations
APPROVED

MMDadoda
6/10/2019 10:53:50 AM



#14

Allyl chloride

Concen: 49.831 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX010107.D

Acq: 07 Jun 2019 13:51

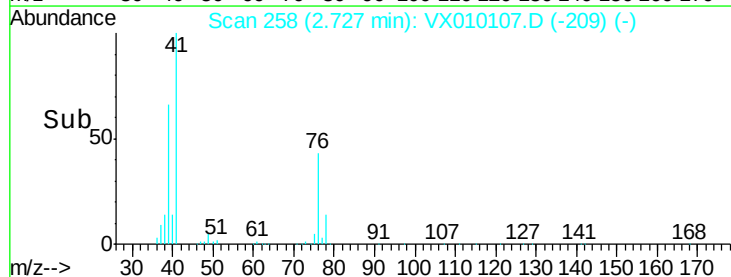
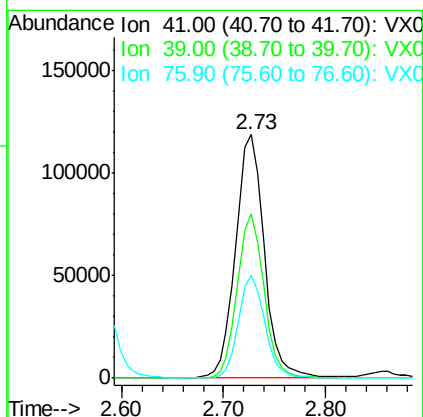
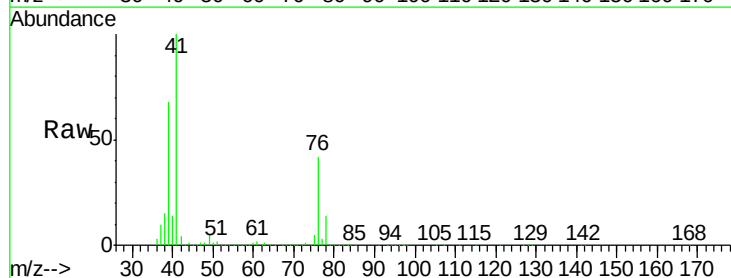
Tgt Ion: 41 Resp: 228956

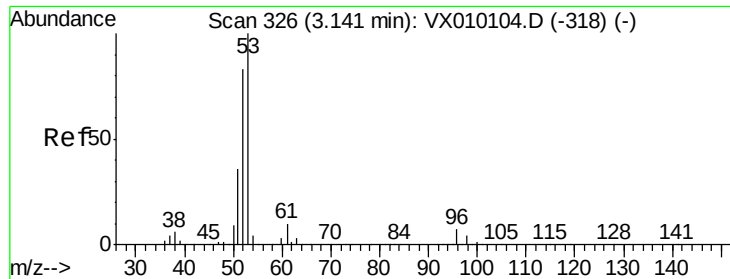
Ion Ratio Lower Upper

41 100

39 63.2 46.7 70.1

76 39.0 21.0 31.4#





#15

Acrylonitrile

Concen: 248.937 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX010107.D

Acq: 07 Jun 2019 13:51

Instrument :

MSVOA_X

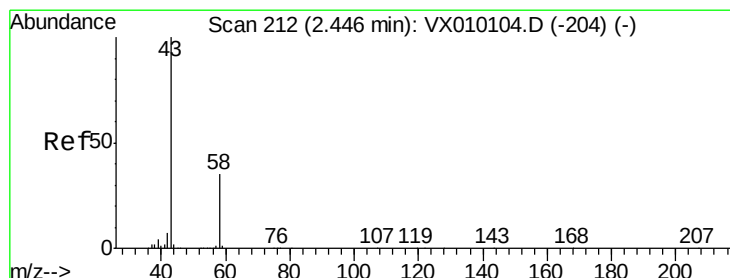
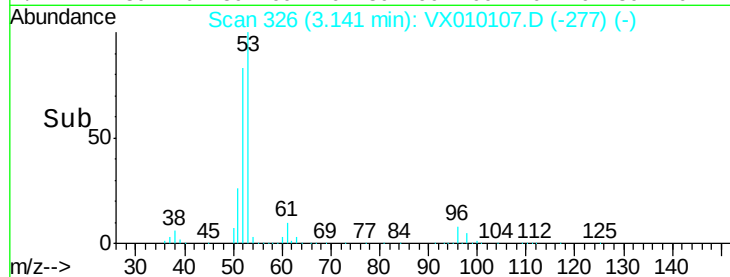
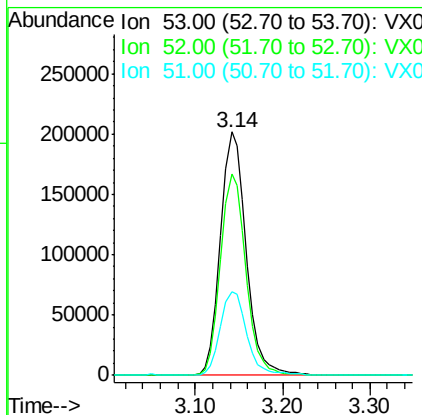
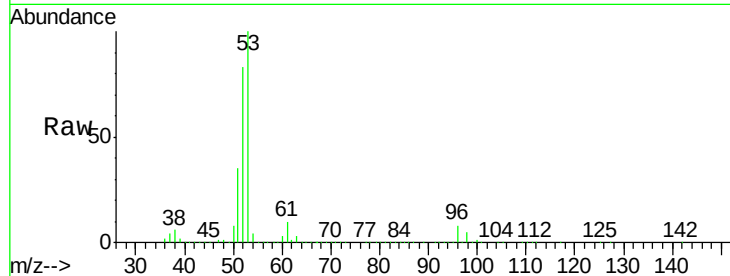
ClientSampleId :

ICVVX060719

Tot Ion:	53	Resp:	412311
Ion	Ratio	Lower	Upper
53	100		
52	82.2	66.7	100.1
51	35.3	28.8	43.2

Manual Integrations
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MMDadoda
6/10/2019 10:53:50 AM



#16

Acetone

Concen: 252.623 ug/l

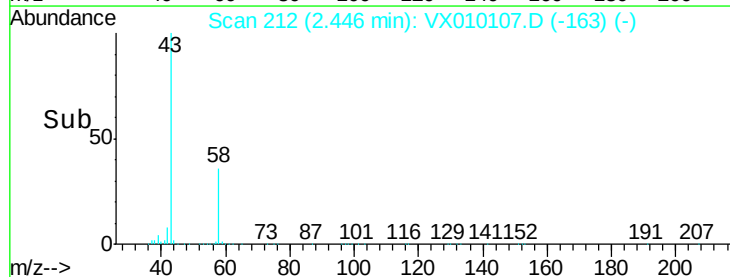
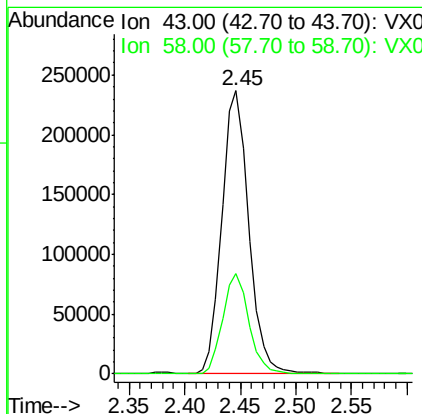
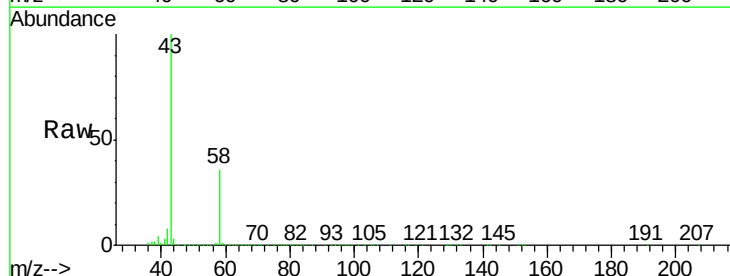
RT: 2.45 min Scan# 212

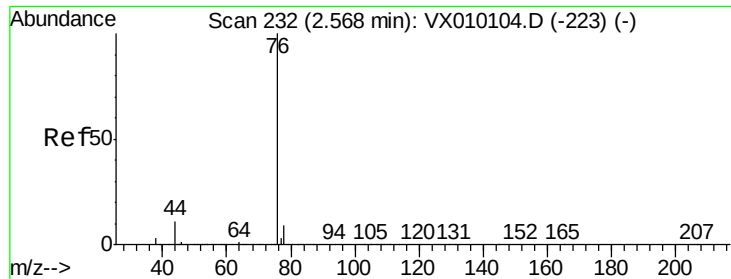
Delta R.T. -0.00 min

Lab File: VX010107.D

Acq: 07 Jun 2019 13:51

Tgt Ion:	43	Resp:	393032
Ion	Ratio	Lower	Upper
43	100		
58	35.6	23.2	34.8#





#17

Carbon Disulfide

Concen: 49.631 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX010107.D

Acq: 07 Jun 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

ICVVX060719

Tot Ion: 76 Resp: 436506

Ion Ratio Lower Upper

76 100

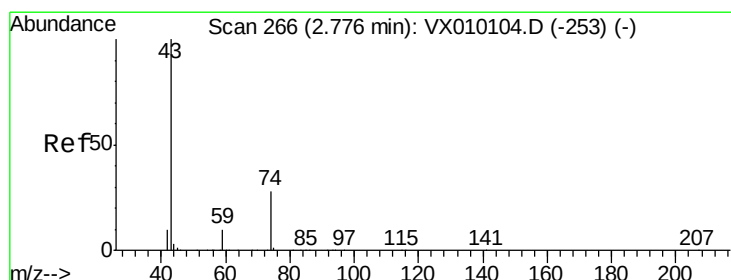
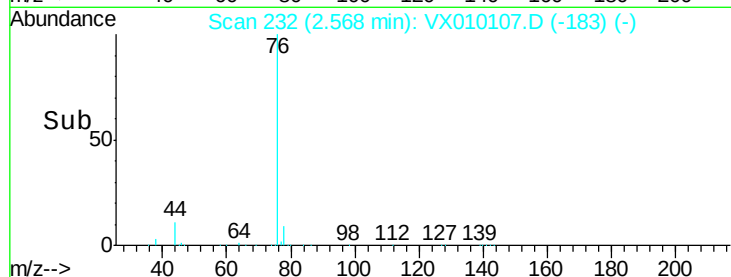
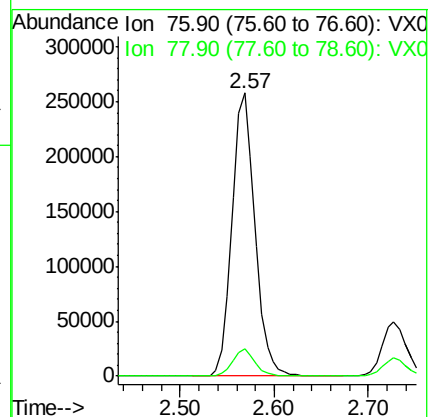
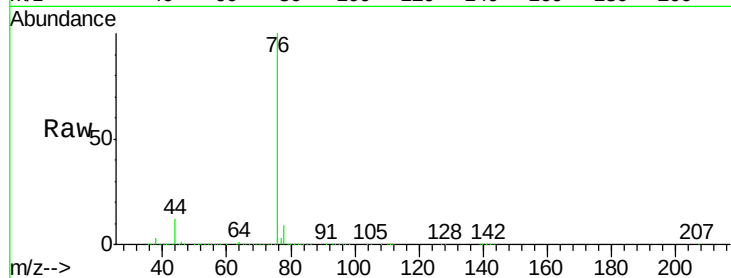
78 9.4 7.0 10.6

Manual Integrations

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MMDadoda

6/10/2019 10:53:50 AM



#18

Methyl Acetate

Concen: 48.652 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX010107.D

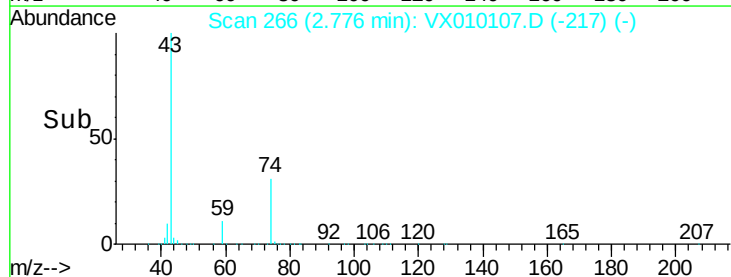
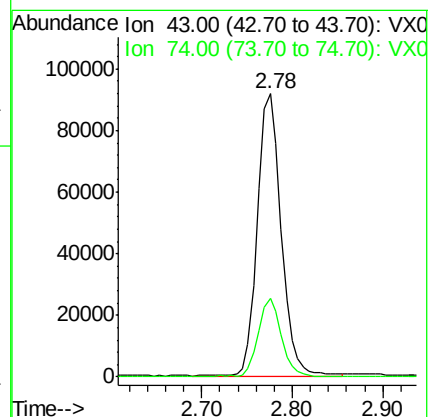
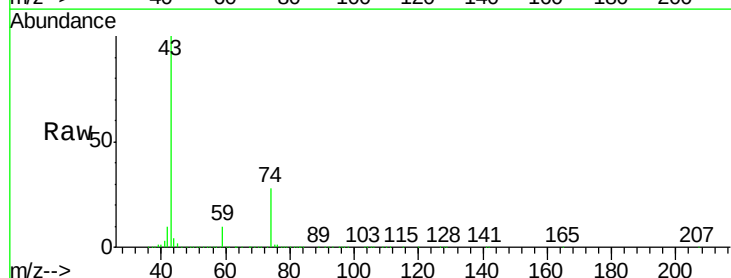
Acq: 07 Jun 2019 13:51

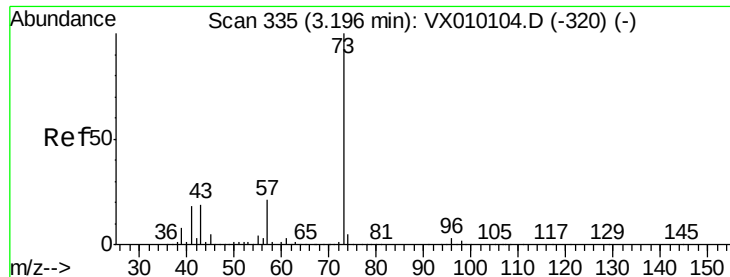
Tgt Ion: 43 Resp: 166463

Ion Ratio Lower Upper

43 100

74 27.9 15.8 23.6#





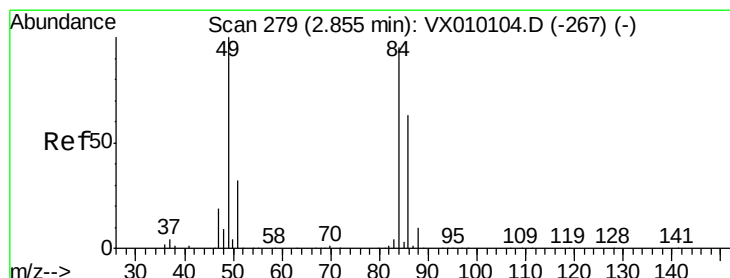
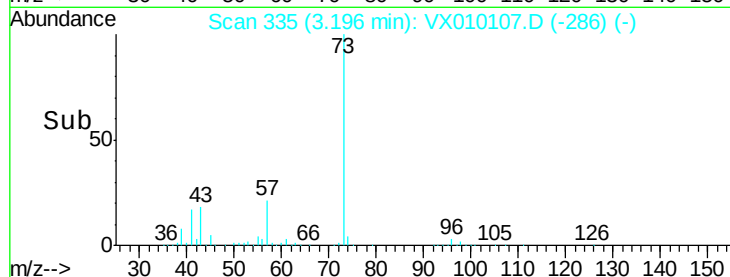
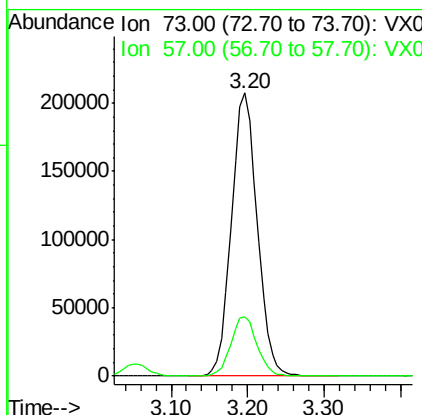
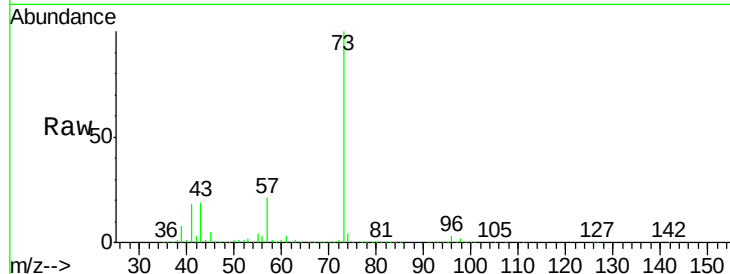
#19
Methyl tert-butyl Ether
Concen: 49.555 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX010107.D
Acq: 07 Jun 2019 13:51

Instrument :
MSVOA_X
ClientSampleId :
ICVVX060719

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.1	19.4	29.2

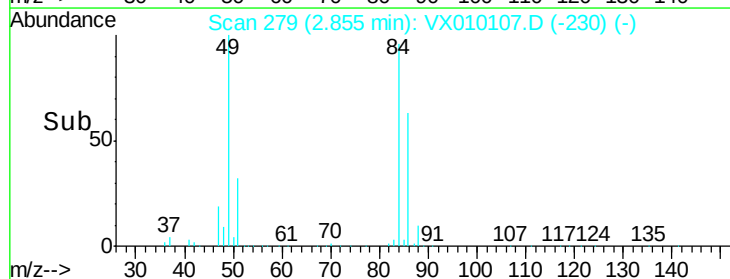
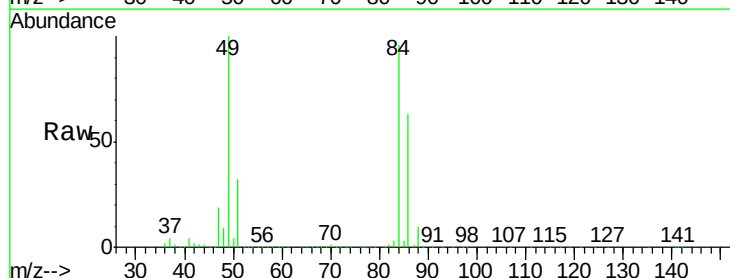
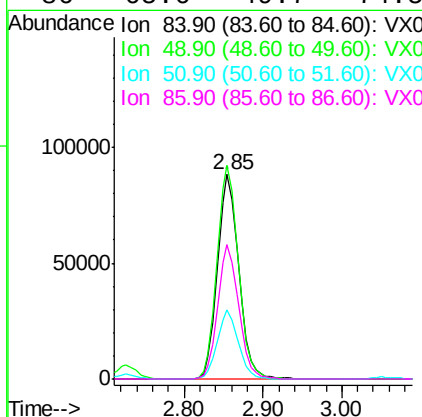
Manual Integrations
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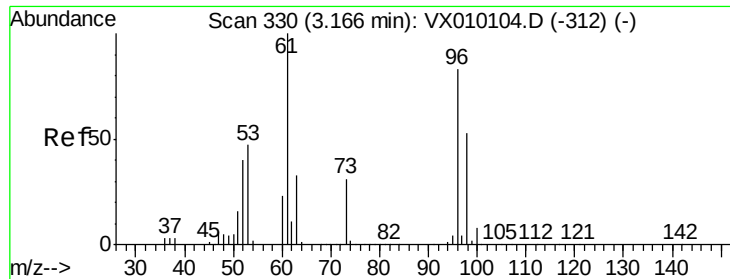
MMDadoda
6/10/2019 10:53:50 AM



#20
Methylene Chloride
Concen: 48.417 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX010107.D
Acq: 07 Jun 2019 13:51

Tgt Ion	Ratio	Lower	Upper
84	100		
49	104.3	115.8	173.6#
51	33.5	34.4	51.6#
86	65.6	49.7	74.5





#21

trans-1,2-Dichloroethene

Concen: 47.541 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX010107.D

Acq: 07 Jun 2019 13:51

Instrument :

MSVOA_X

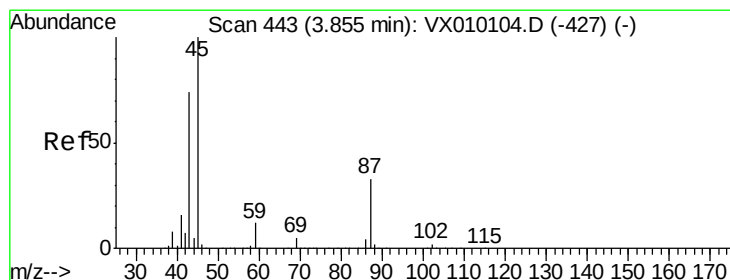
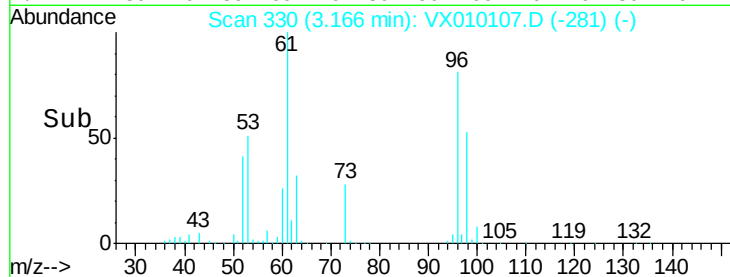
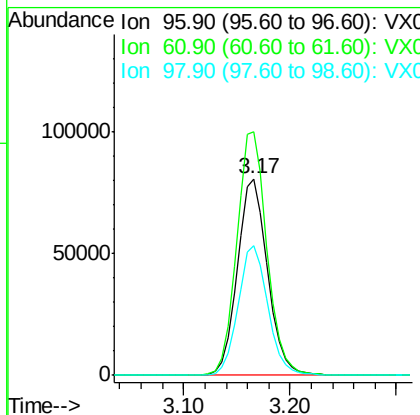
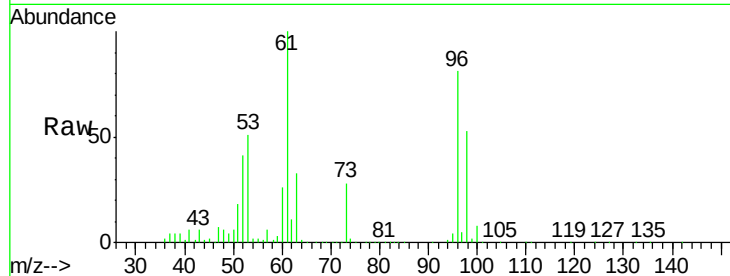
ClientSampleId :

ICVVX060719

Tot Ion:	96	Resp:	160142
Ion	Ratio	Lower	Upper
96	100		
61	123.8	125.7	188.5#
98	65.5	49.0	73.6

Manual Integrations
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MMDadoda
6/10/2019 10:53:50 AM



#22

Diisopropyl ether

Concen: 50.409 ug/l

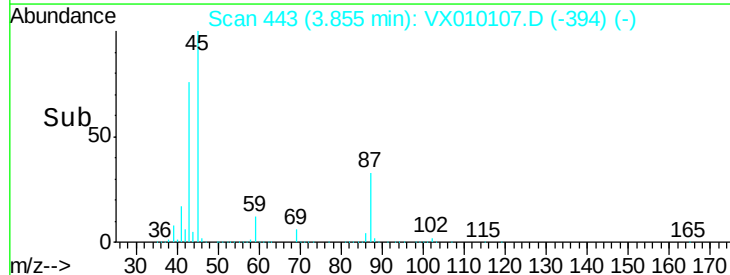
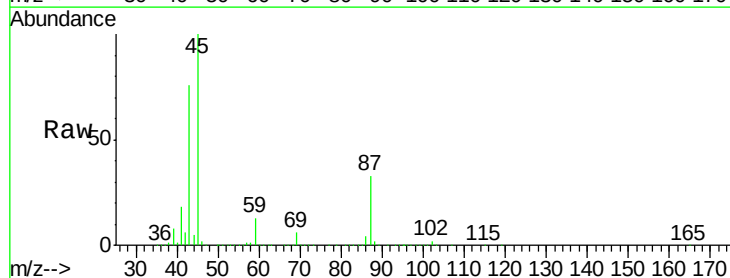
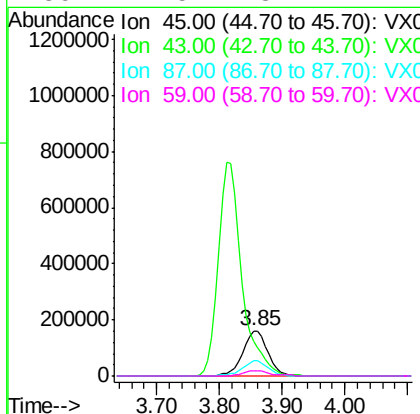
RT: 3.85 min Scan# 443

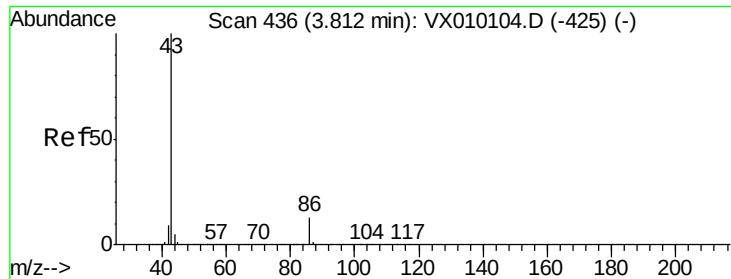
Delta R.T. -0.00 min

Lab File: VX010107.D

Acq: 07 Jun 2019 13:51

Tgt Ion:	45	Resp:	442822
Ion	Ratio	Lower	Upper
45	100		
43	76.0	65.0	97.4
87	33.1	17.3	25.9#
59	12.5	8.1	12.1#





#23

Vinyl Acetate

Concen: 254.478 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.00 min

Lab File: VX010107.D

Acq: 07 Jun 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

ICVVX060719

Tot Ion: 43 Resp: 1994301

Ion Ratio Lower Upper

43 100

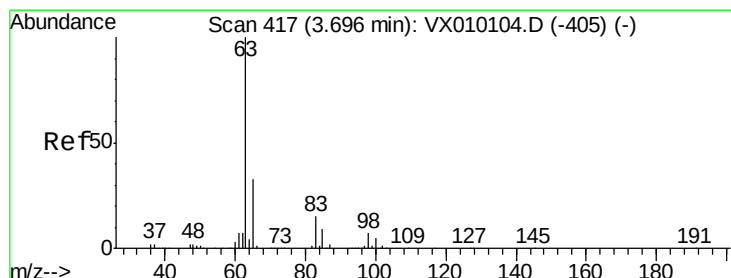
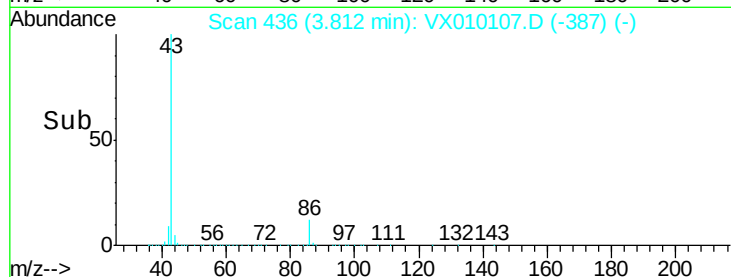
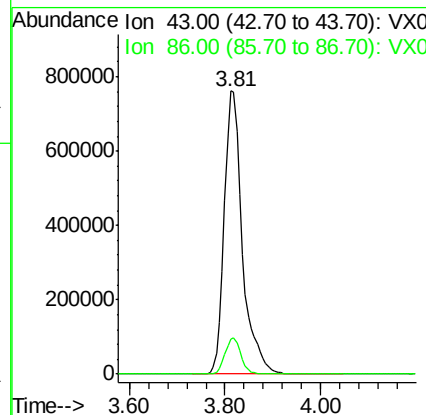
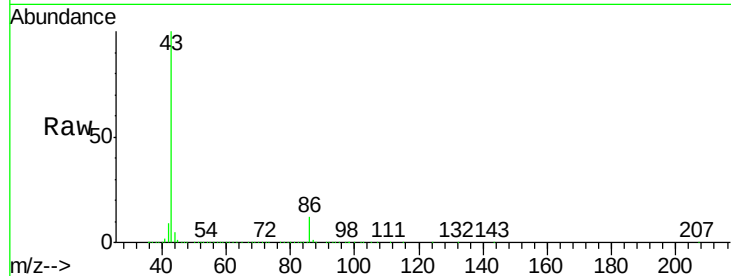
86 12.2 6.5 9.7#

Manual Integrations

APPROVED

MMDadoda

6/10/2019 10:53:50 AM



#24

1,1-Dichloroethane

Concen: 49.187 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX010107.D

Acq: 07 Jun 2019 13:51

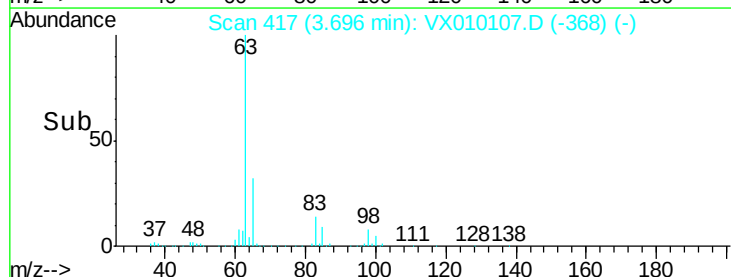
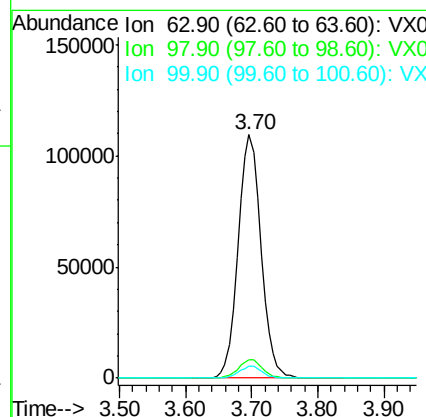
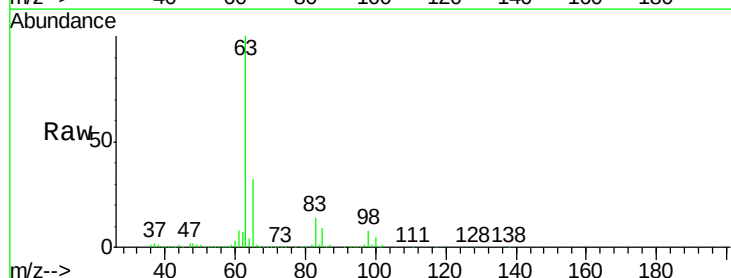
Tgt Ion: 63 Resp: 262343

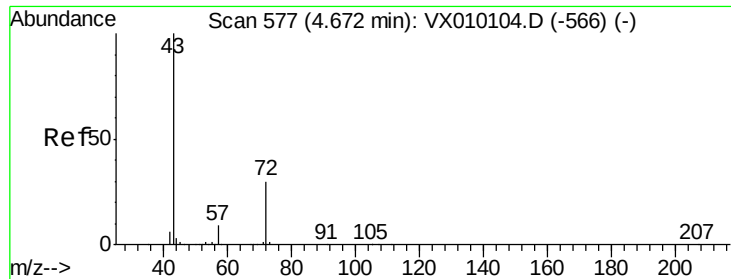
Ion Ratio Lower Upper

63 100

98 7.6 2.9 8.8

100 4.9 1.8 5.4





#25

2-Butanone

Concen: 256.476 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX010107.D

Acq: 07 Jun 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

ICVVX060719

Tot Ion: 43 Resp: 594186

Ion Ratio Lower Upper

43 100

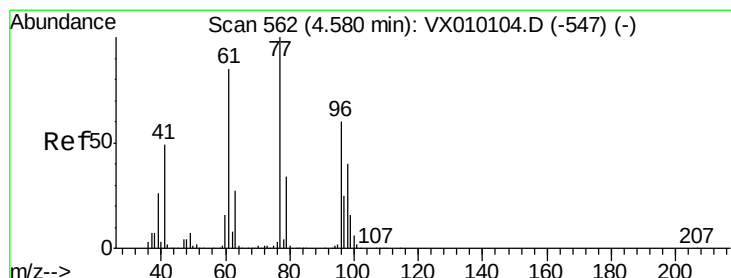
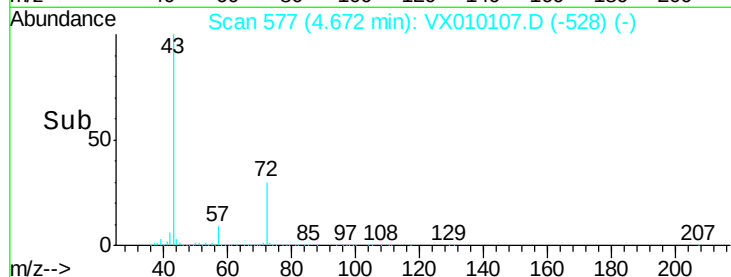
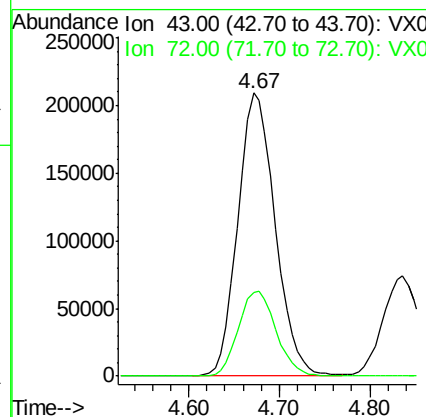
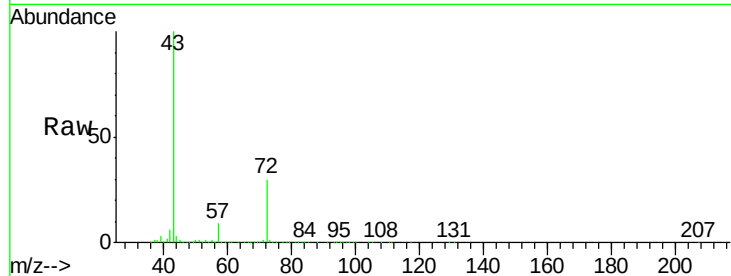
72 29.6 17.5 26.3#

Manual Integrations

APPROVED

MMDadoda

6/10/2019 10:53:50 AM



#26

2,2-Dichloropropane

Concen: 50.427 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX010107.D

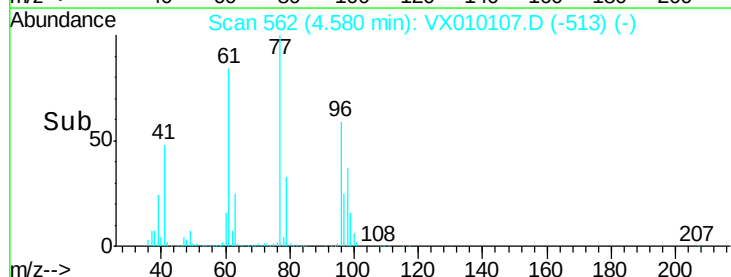
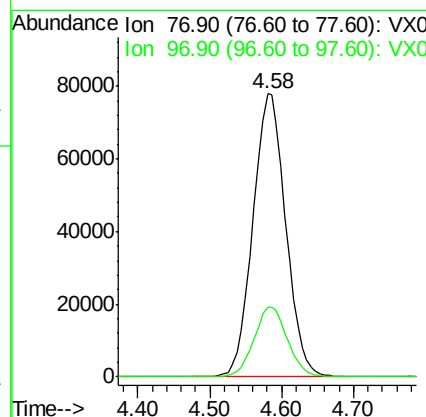
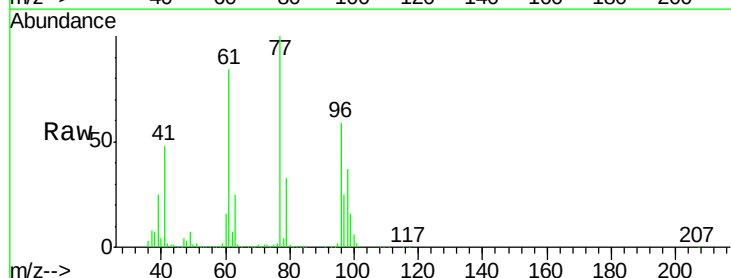
Acq: 07 Jun 2019 13:51

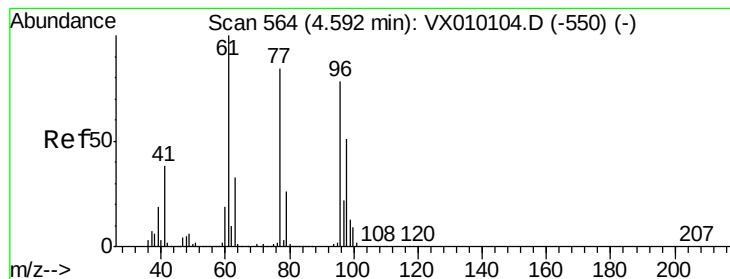
Tgt Ion: 77 Resp: 245368

Ion Ratio Lower Upper

77 100

97 25.1 11.4 34.2





#27

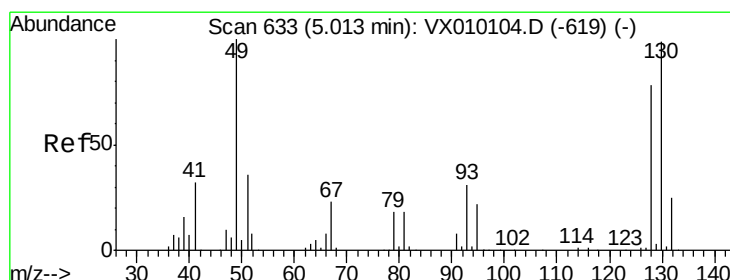
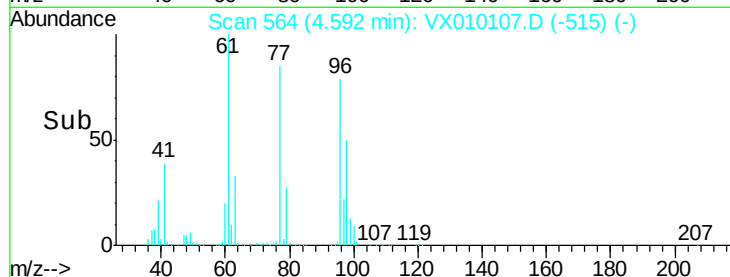
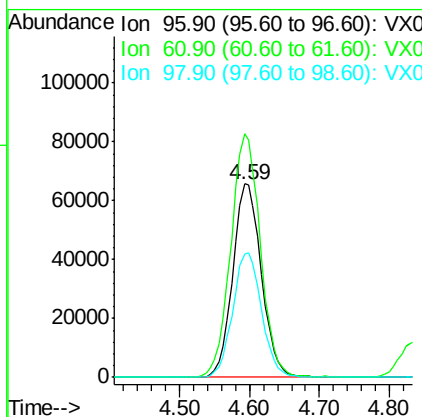
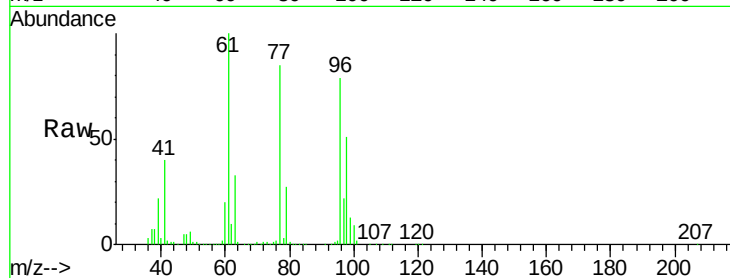
cis-1,2-Dichloroethene
Concen: 49.570 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.00 min
Lab File: VX010107.D
Acq: 07 Jun 2019 13:51

Instrument :
MSVOA_X
ClientSampleId :
ICVVX060719

Tot Ion	Ratio	Resp	Lower	Upper
96	100	185757		
61	130.7		0.0	334.0
98	65.0		0.0	131.6

Manual Integrations
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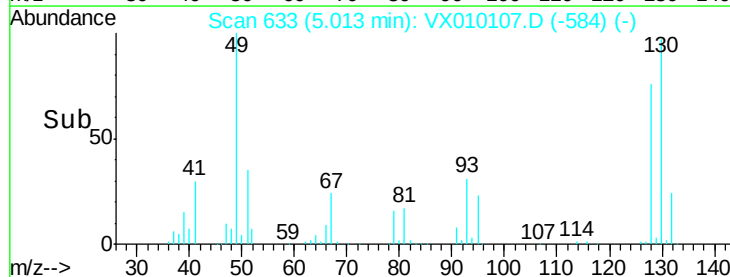
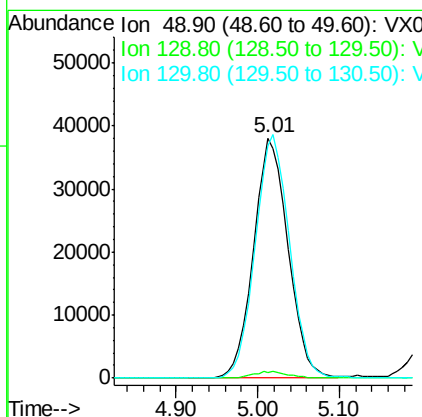
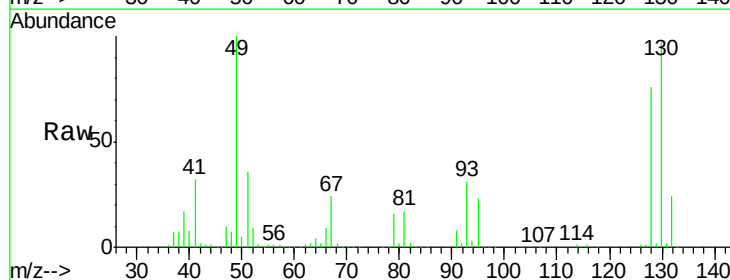
MMDadoda
6/10/2019 10:53:50 AM

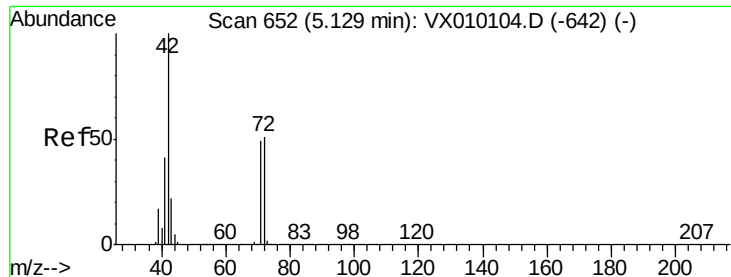


#28

Bromochloromethane
Concen: 47.004 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.00 min
Lab File: VX010107.D
Acq: 07 Jun 2019 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	112358		
129	2.9		0.0	3.4
130	100.9		49.4	74.2#





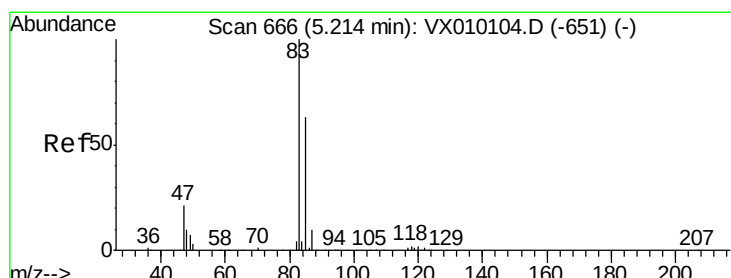
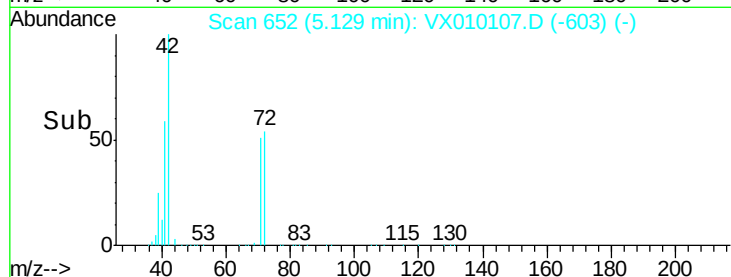
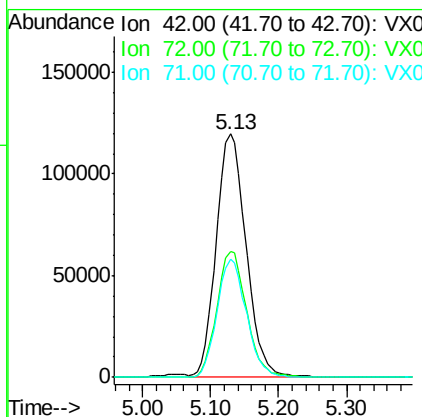
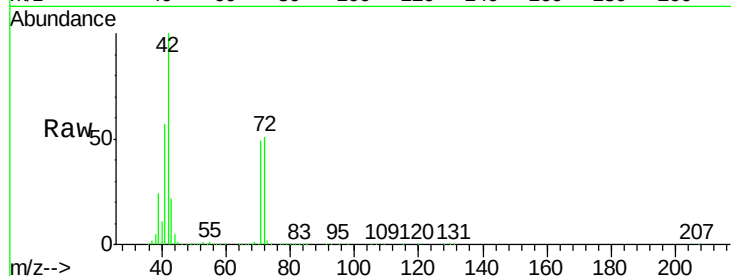
#29
Tetrahydrofuran
Concen: 249.121 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX010107.D
Acq: 07 Jun 2019 13:51

Instrument :
MSVOA_X
ClientSampleId :
ICVVX060719

Tot Ion	Ratio	Lower	Upper
42	100		
72	51.8	29.2	43.8#
71	48.5	27.6	41.4#

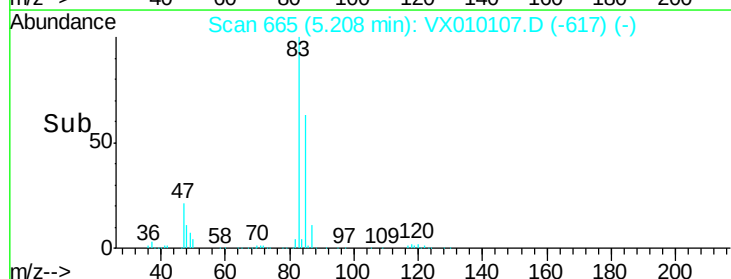
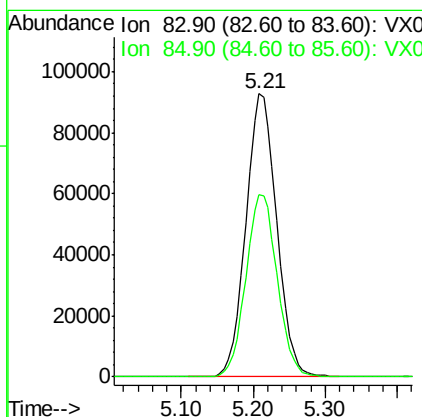
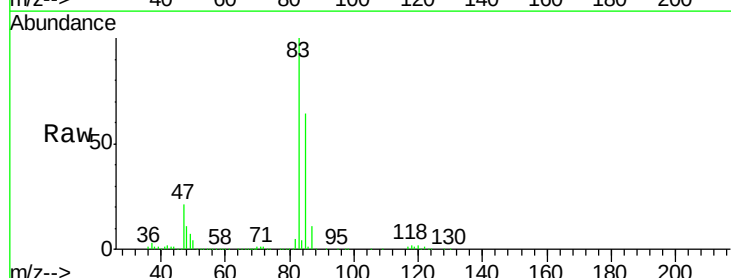
Manual Integrations
APPROVED

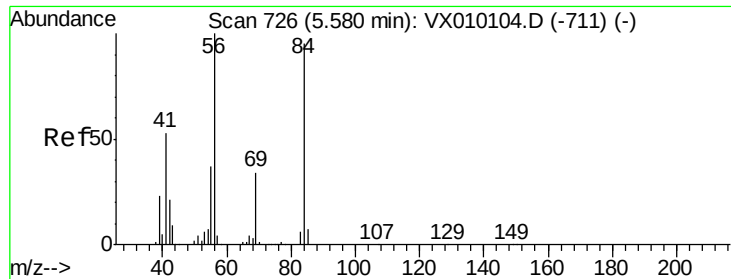
MMDadoda
6/10/2019 10:53:50 AM



#30
Chloroform
Concen: 49.554 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX010107.D
Acq: 07 Jun 2019 13:51

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.3	52.6	78.8





#31

Cyclohexane

Concen: 50.772 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX010107.D

Acq: 07 Jun 2019 13:51

Instrument :

MSVOA_X

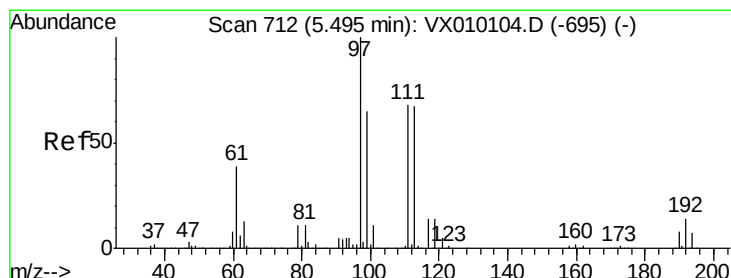
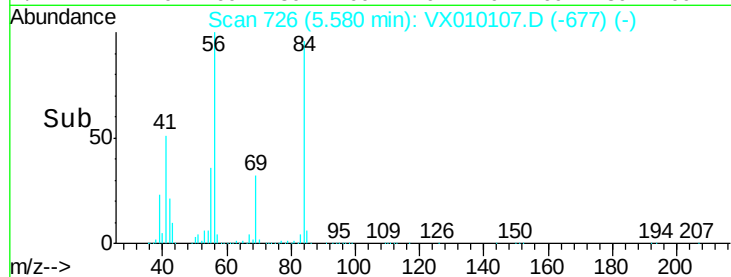
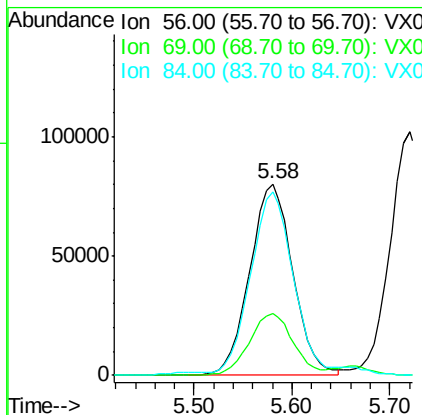
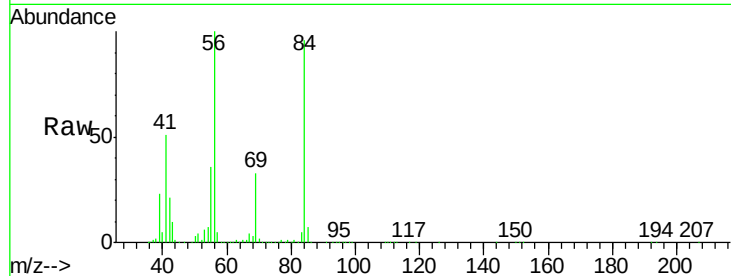
ClientSampleId :

ICVVX060719

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.5	21.6	32.4#
84	94.2	56.8	85.2#

Manual Integrations
APPROVED

MMDadoda
6/10/2019 10:53:50 AM



#32

1,1,1-Trichloroethane

Concen: 48.848 ug/l

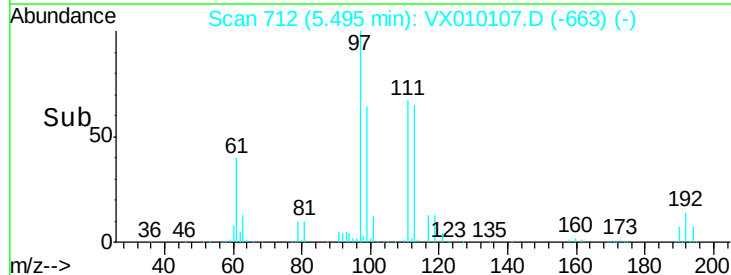
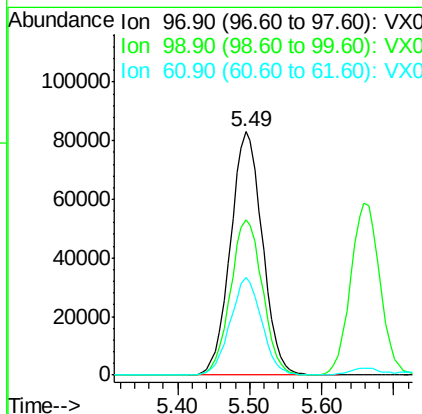
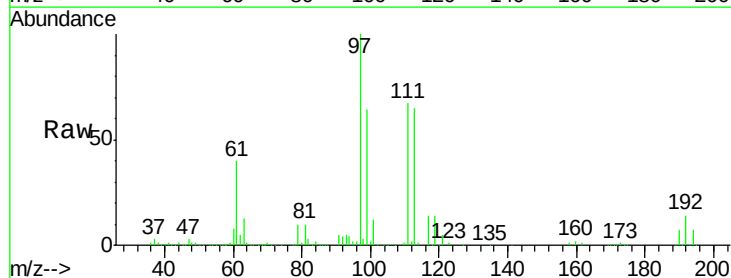
RT: 5.49 min Scan# 712

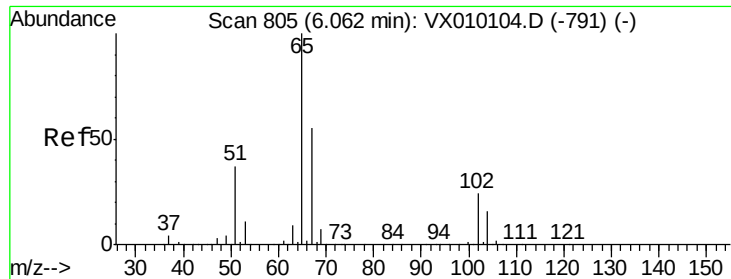
Delta R.T. -0.00 min

Lab File: VX010107.D

Acq: 07 Jun 2019 13:51

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.0	76.4
61	39.5	38.7	58.1





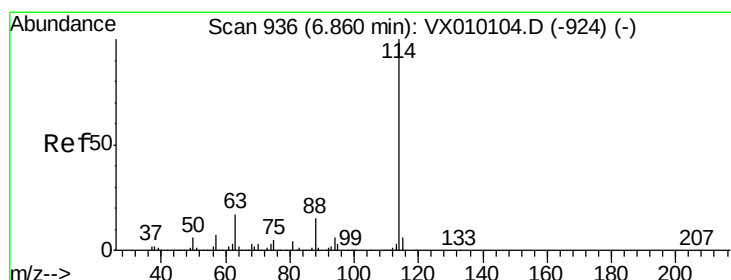
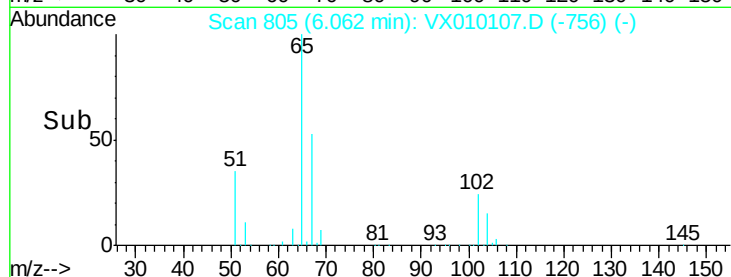
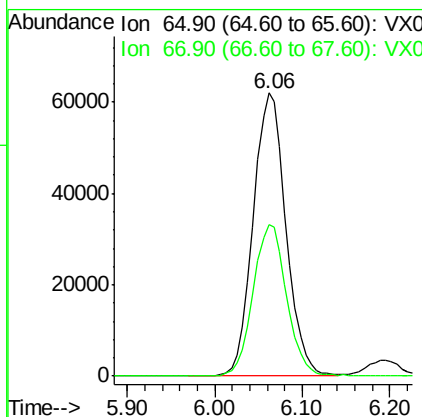
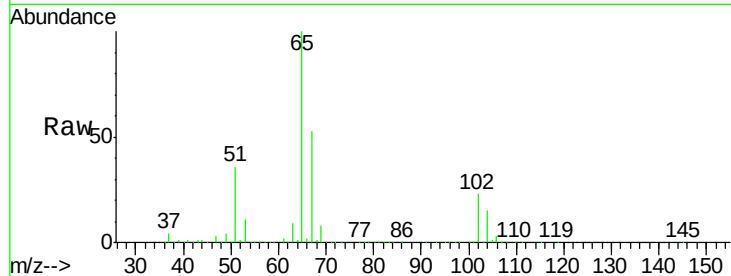
#33
 1,2-Dichloroethane-d4
 Concen: 48.981 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010107.D
 Acq: 07 Jun 2019 13:51

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX060719

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.1	0.0	108.4

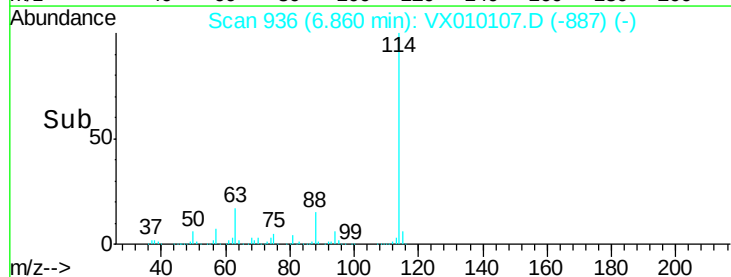
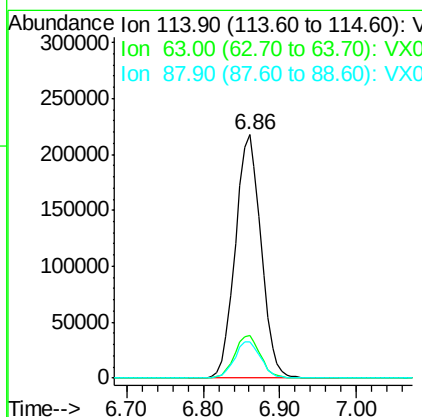
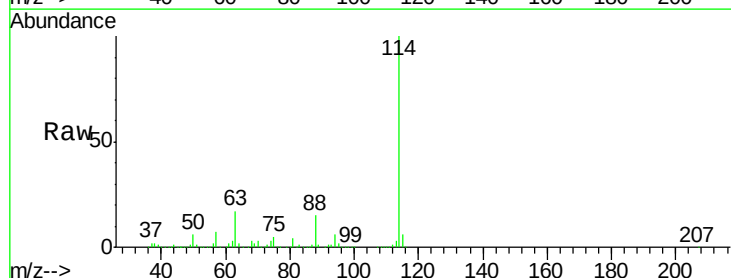
Manual Integrations
 APPROVED

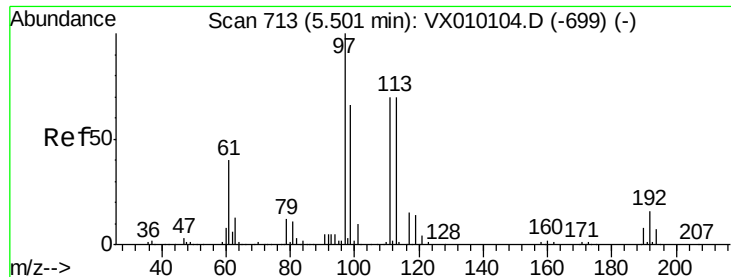
MMDadoda
 6/10/2019 10:53:50 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX010107.D
 Acq: 07 Jun 2019 13:51

Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.2	0.0	47.4
88	14.9	0.0	33.0





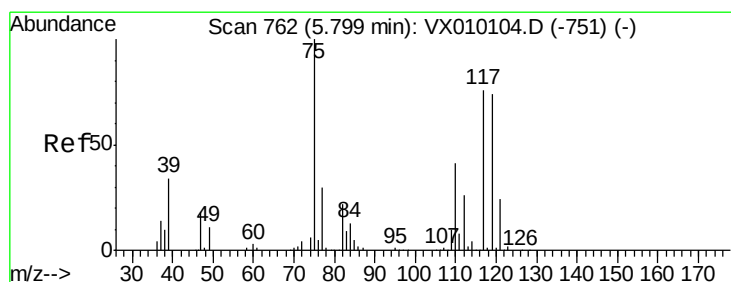
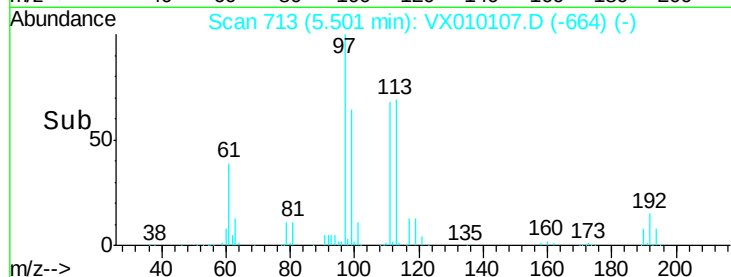
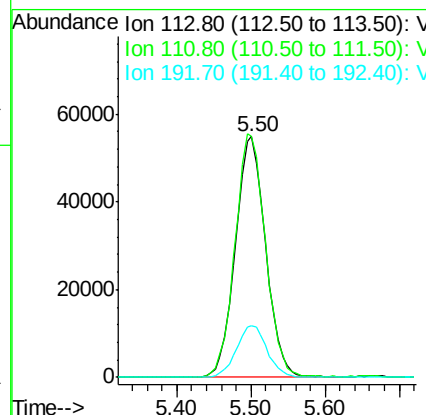
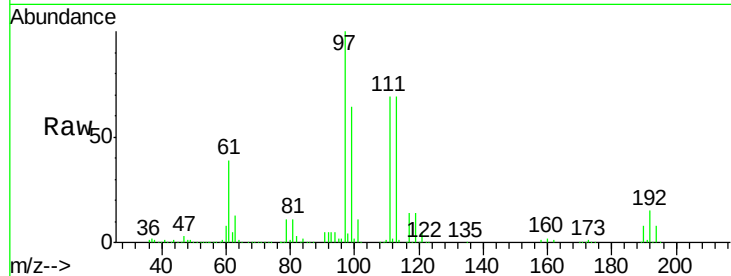
#35
Dibromofluoromethane
Concen: 49.997 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX010107.D
Acq: 07 Jun 2019 13:51

Instrument :
MSVOA_X
ClientSampleId :
ICVVX060719

Tot Ion	Ratio	Resp	Lower	Upper
113	100	156432		
111	102.1	82.2	123.2	
192	22.0	17.1	25.7	

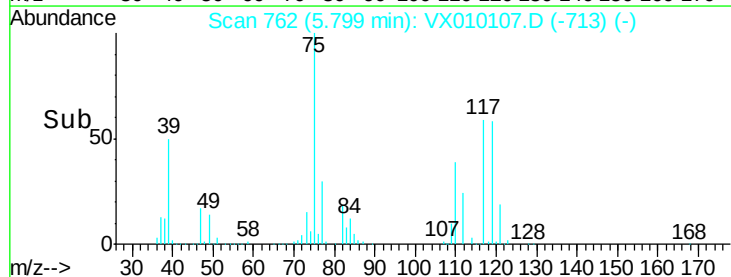
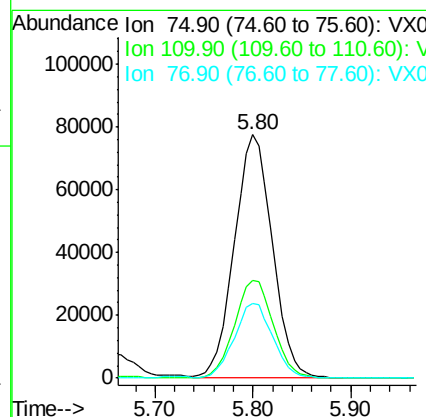
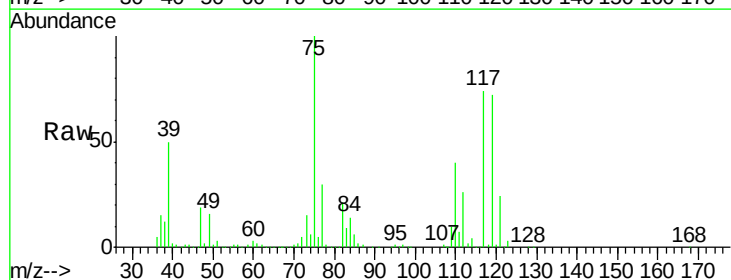
Manual Integrations
APPROVED

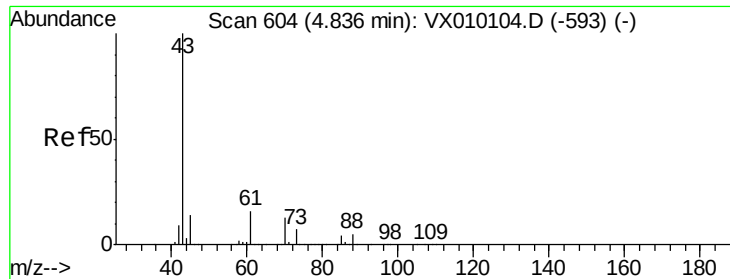
MMDadoda
6/10/2019 10:53:50 AM



#36
1,1-Dichloropropene
Concen: 50.342 ug/l
RT: 5.80 min Scan# 762
Delta R.T. -0.00 min
Lab File: VX010107.D
Acq: 07 Jun 2019 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	208332		
110	41.2	16.7	50.1	
77	30.9	25.0	37.4	





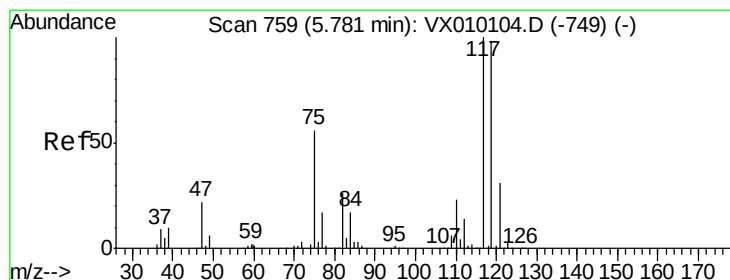
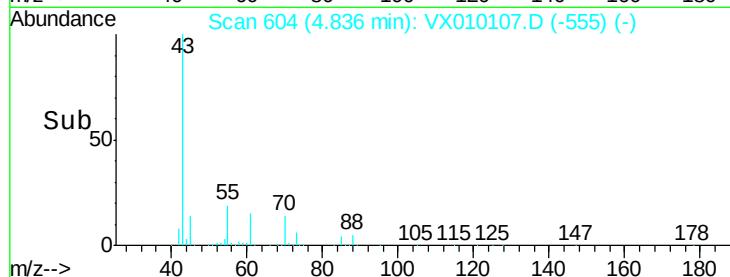
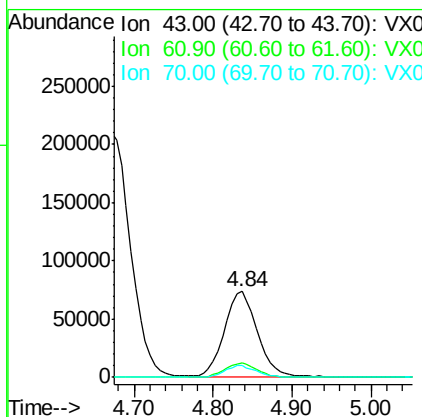
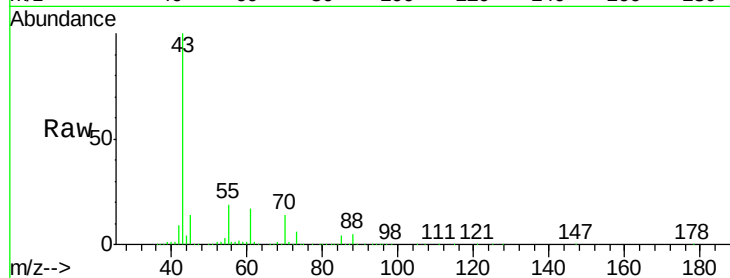
#37
Ethyl Acetate
Concen: 49.664 ug/l
RT: 4.84 min Scan# 604
Delta R.T. -0.00 min
Lab File: VX010107.D
Acq: 07 Jun 2019 13:51

Instrument :
MSVOA_X
ClientSampleId :
ICVVX060719

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.0	10.2	15.2#
70	13.3	7.4	11.2#

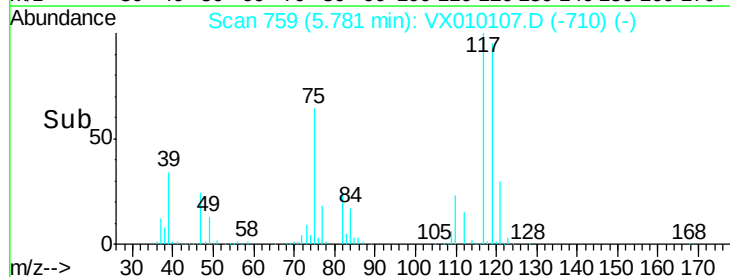
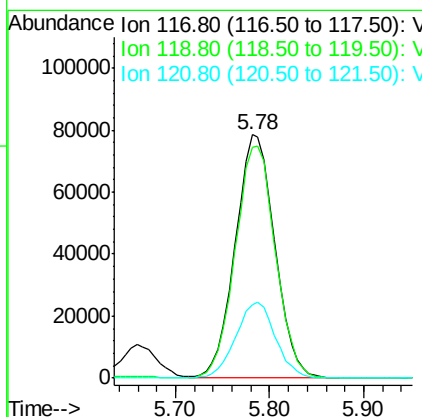
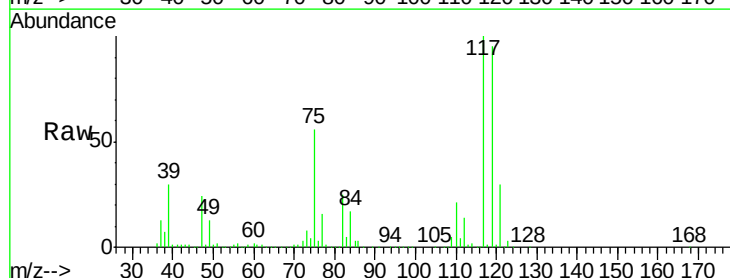
Manual Integrations
APPROVED

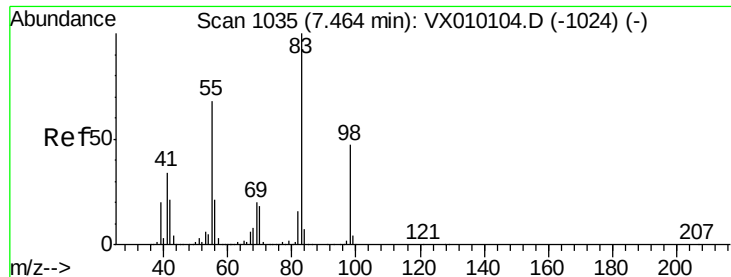
MMDadoda
6/10/2019 10:53:50 AM



#38
Carbon Tetrachloride
Concen: 48.965 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX010107.D
Acq: 07 Jun 2019 13:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.0	77.3	115.9
121	30.1	25.4	38.0





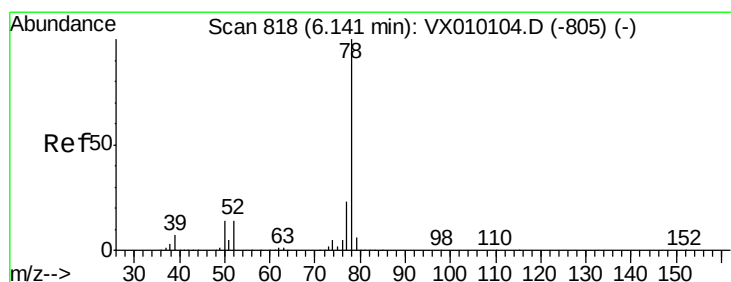
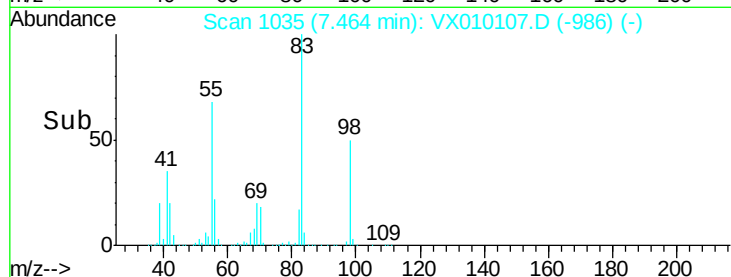
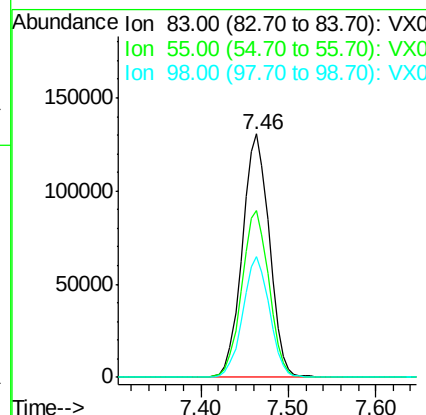
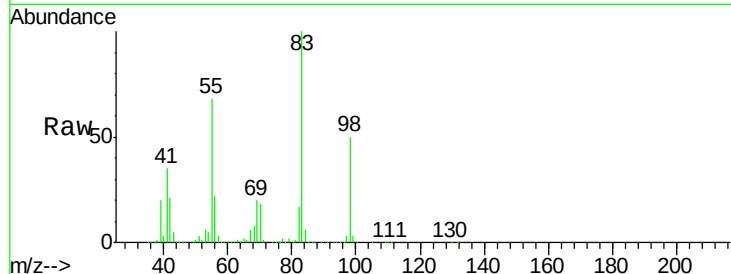
#39
Methylvlcyclohexane
Concen: 49.751 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX010107.D
Acq: 07 Jun 2019 13:51

Instrument :
MSVOA_X
ClientSampleId :
ICVVX060719

Tot Ion	Ratio	Resp	Lower	Upper
83	100	280354		
55	68.2		69.9	104.9#
98	49.8		35.1	52.7

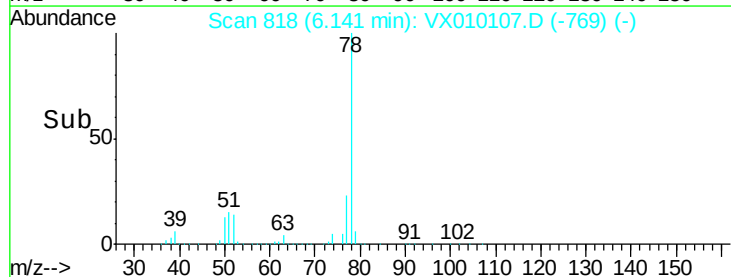
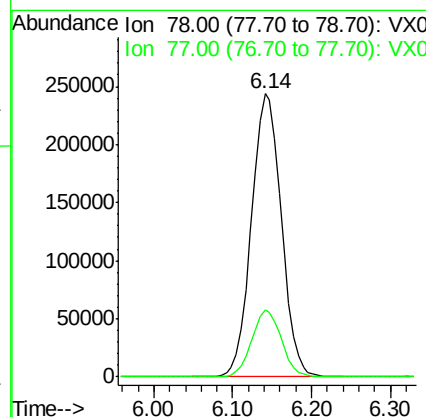
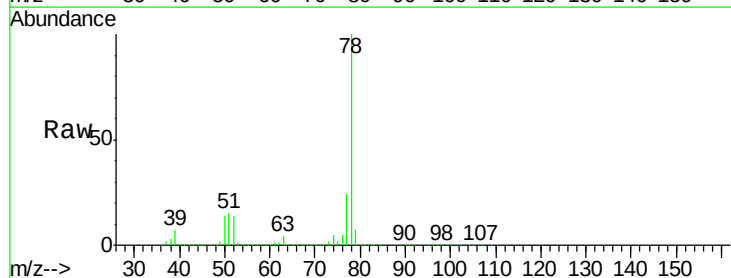
Manual Integrations
APPROVED

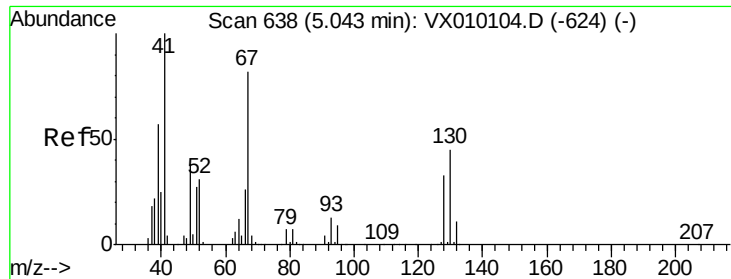
MMDadoda
6/10/2019 10:53:50 AM



#40
Benzene
Concen: 50.109 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX010107.D
Acq: 07 Jun 2019 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	641221		
77	23.8		19.2	28.8





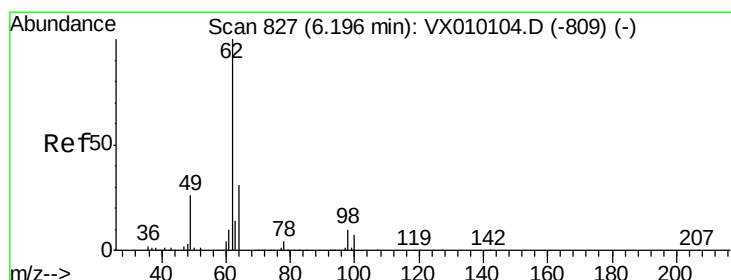
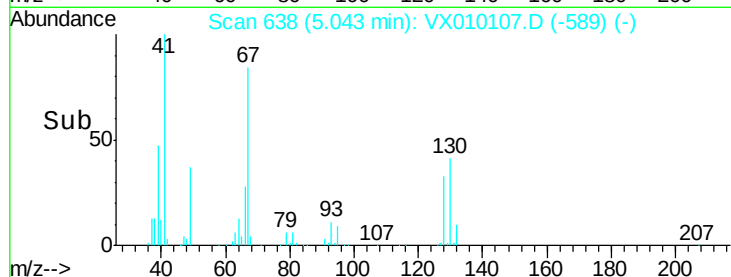
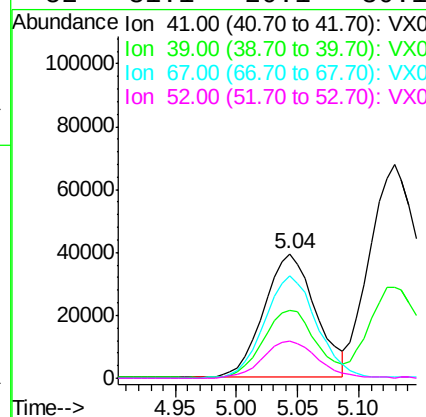
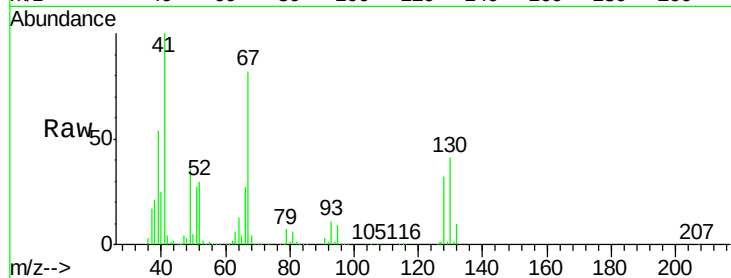
#41
Methacrylonitrile
Concen: 49.884 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX010107.D
Acq: 07 Jun 2019 13:51

Instrument :
MSVOA_X
ClientSampleId :
ICVVX060719

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	55.5	42.2	63.4		
67	84.1	48.9	73.3		
52	31.1	20.1	30.1		

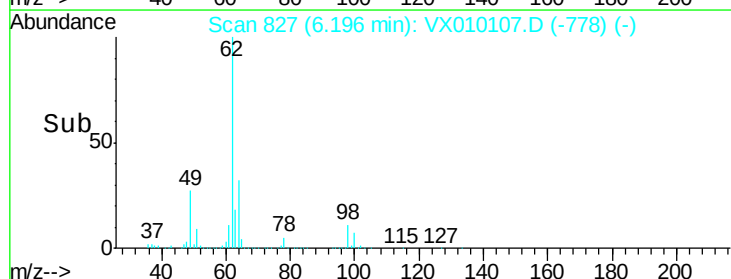
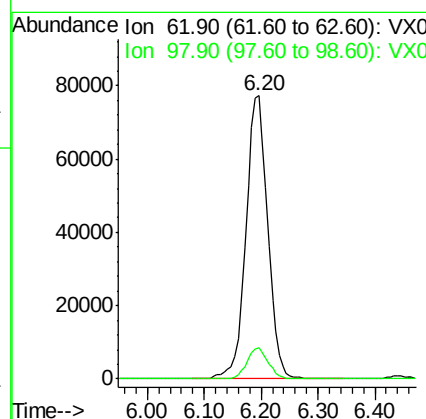
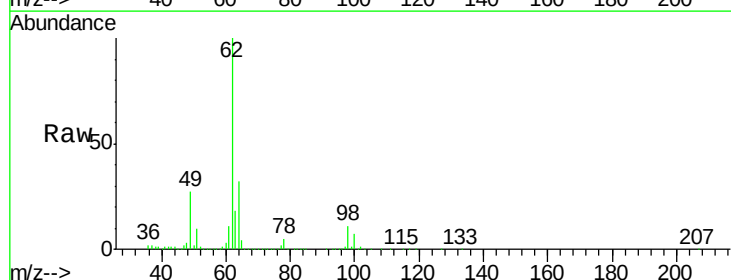
Manual Integrations
APPROVED

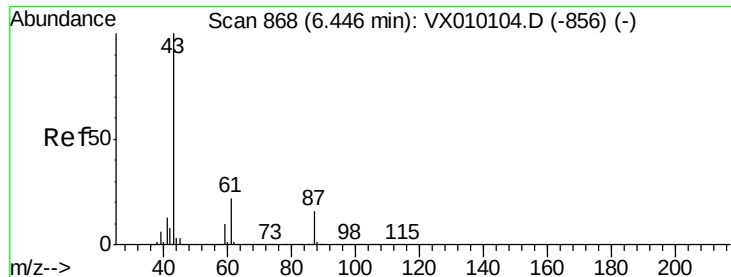
MMDadoda
6/10/2019 10:53:50 AM



#42
1,2-Dichloroethane
Concen: 50.731 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX010107.D
Acq: 07 Jun 2019 13:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	10.3	0.0	17.2		





#43

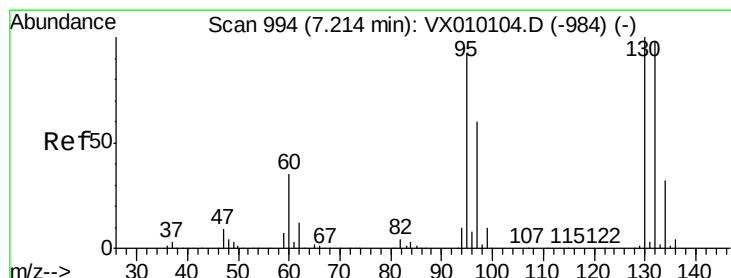
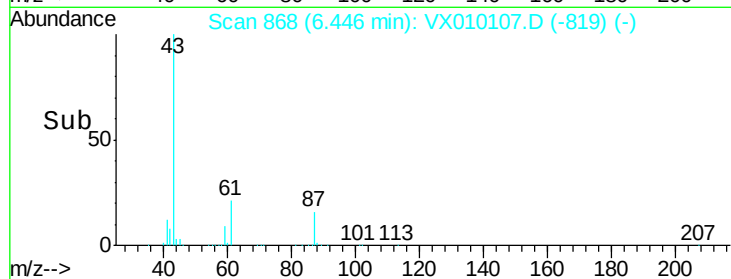
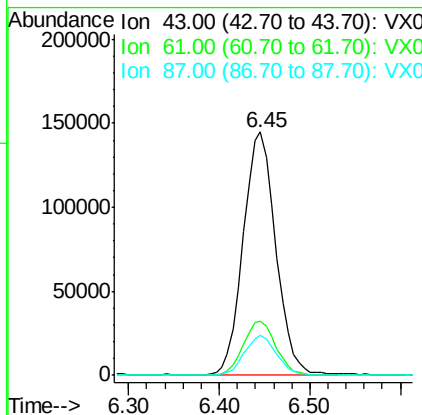
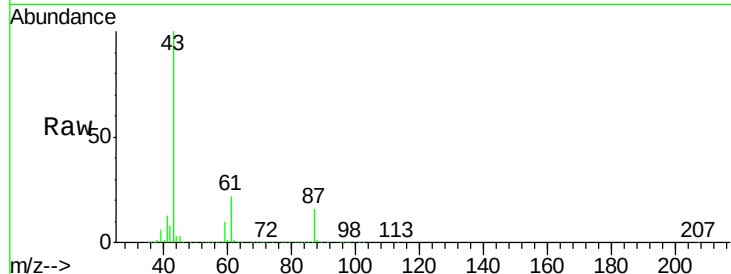
Isopropyl Acetate
 Concen: 49.624 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX010107.D
 Acq: 07 Jun 2019 13:51

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX060719

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.5	14.6	21.8#
87	16.4	8.7	13.1#

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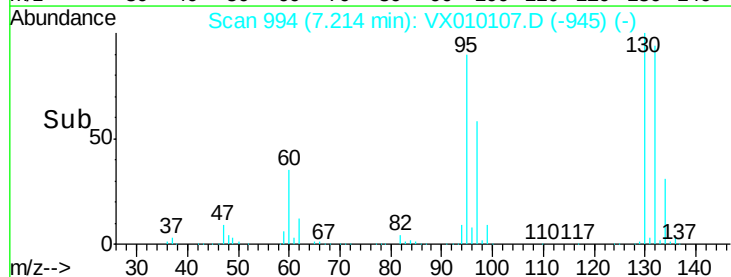
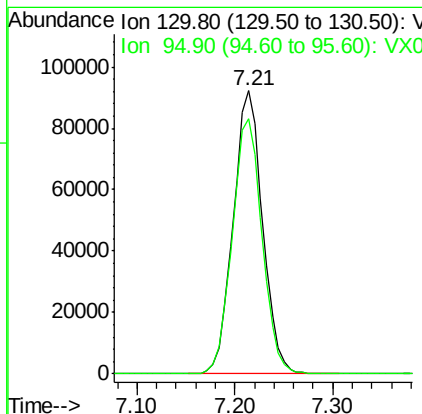
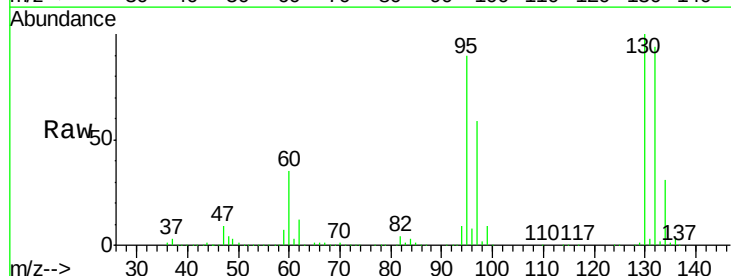
MMDadoda
 6/10/2019 10:53:50 AM

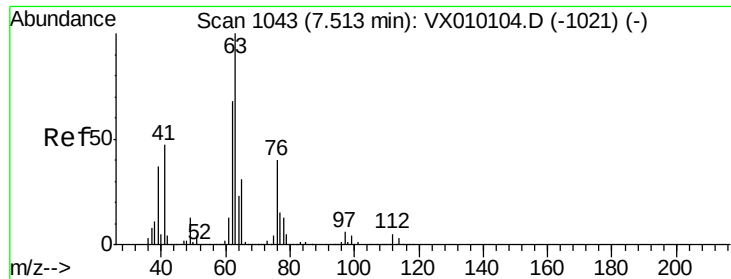


#44

Trichloroethene
 Concen: 49.757 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX010107.D
 Acq: 07 Jun 2019 13:51

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.0	0.0	207.4





#45

1,2-Dichloropropane

Concen: 50.404 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX010107.D

Acq: 07 Jun 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

ICVVX060719

Tot Ion: 63 Resp: 161437

Ion Ratio Lower Upper

63 100

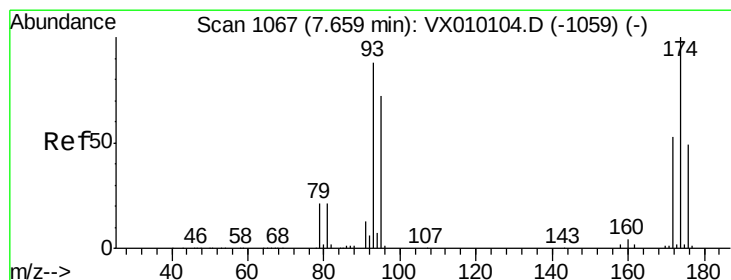
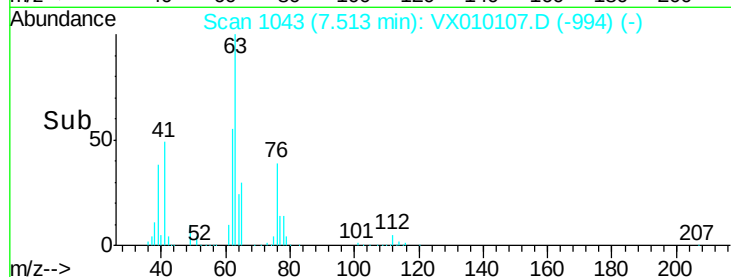
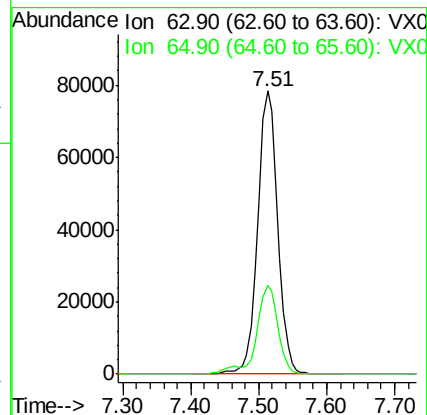
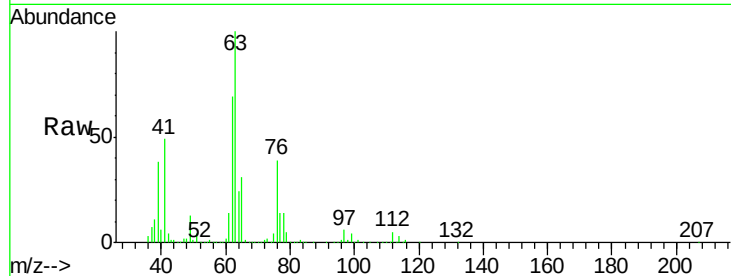
65 31.3 25.7 38.5

Manual Integrations

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MMDadoda

6/10/2019 10:53:50 AM



#46

Dibromomethane

Concen: 48.550 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX010107.D

Acq: 07 Jun 2019 13:51

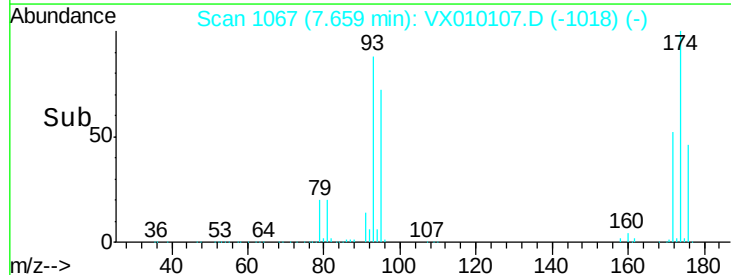
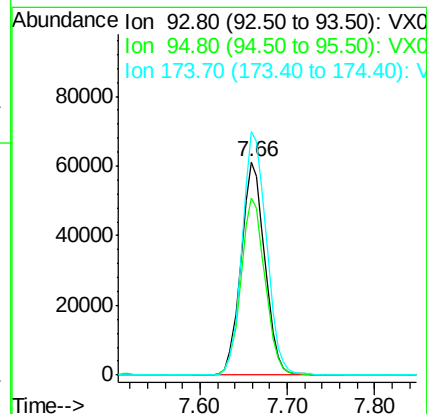
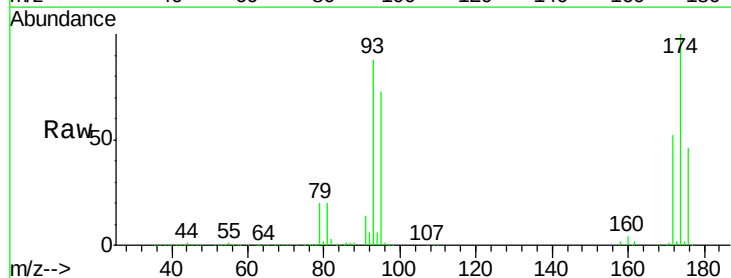
Tgt Ion: 93 Resp: 116497

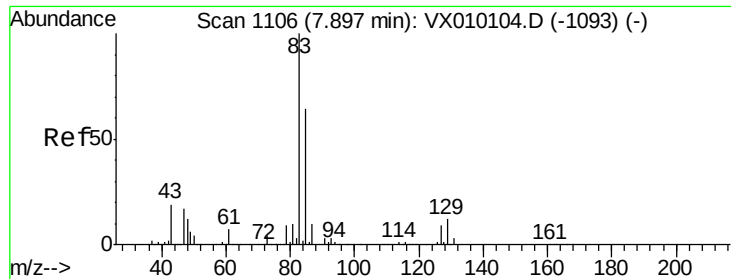
Ion Ratio Lower Upper

93 100

95 83.4 66.8 100.2

174 116.6 81.9 122.9





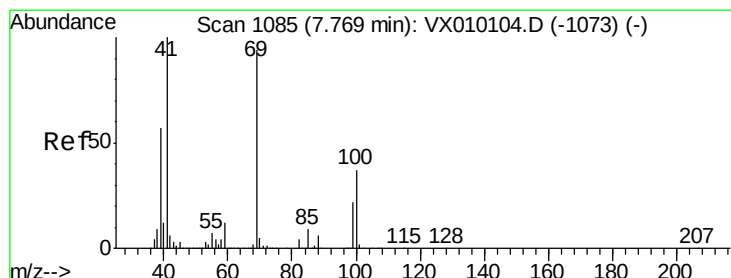
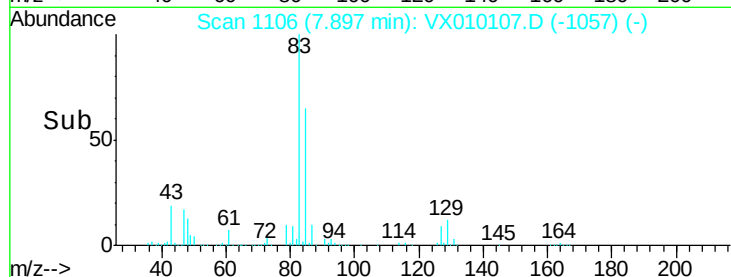
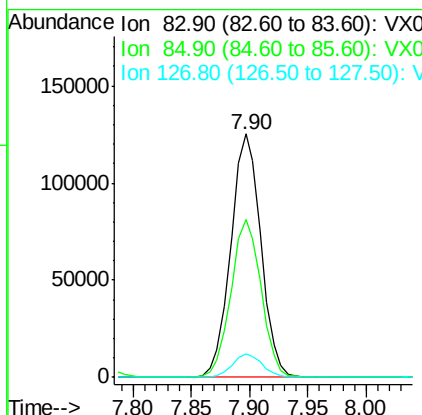
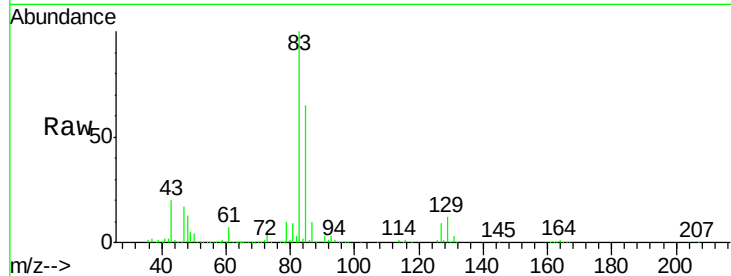
#47
Bromodichloromethane
Concen: 50.100 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VX010107.D
Acq: 07 Jun 2019 13:51

Instrument :
MSVOA_X
ClientSampleId :
ICVVX060719

Tot Ion	Ratio	Resp	Lower	Upper
83	100	224636		
85	64.9		51.4	77.2
127	9.5		6.4	9.6

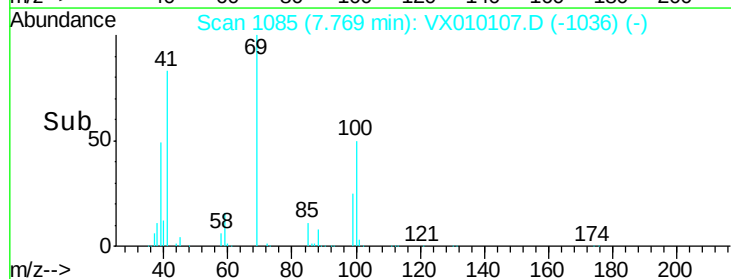
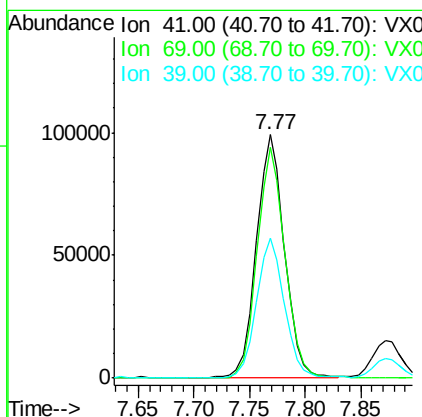
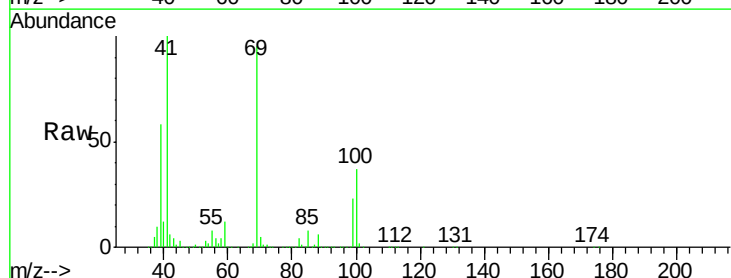
Manual Integrations
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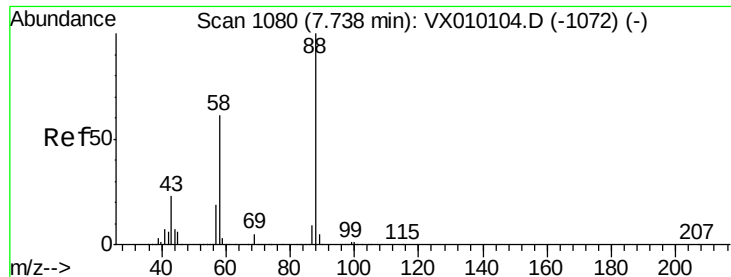
MMDadoda
6/10/2019 10:53:50 AM



#48
Methyl methacrylate
Concen: 51.491 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. -0.00 min
Lab File: VX010107.D
Acq: 07 Jun 2019 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	173367		
69	94.5		56.4	84.6#
39	57.2		40.6	60.8





#49

1,4-Dioxane

Concen: 967.117 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.00 min

Lab File: VX010107.D

Acq: 07 Jun 2019 13:51

Instrument :

MSVOA_X

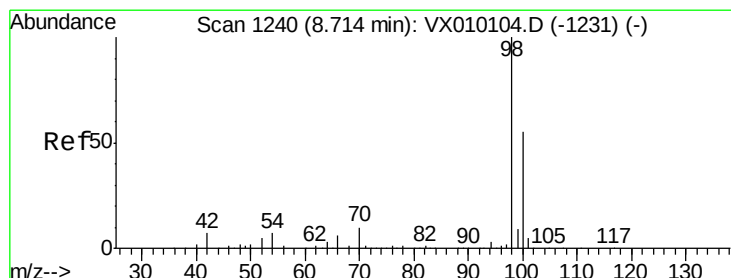
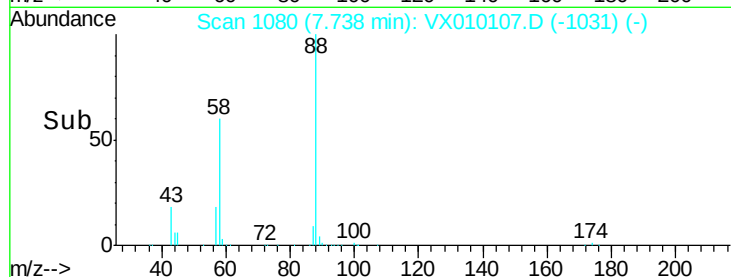
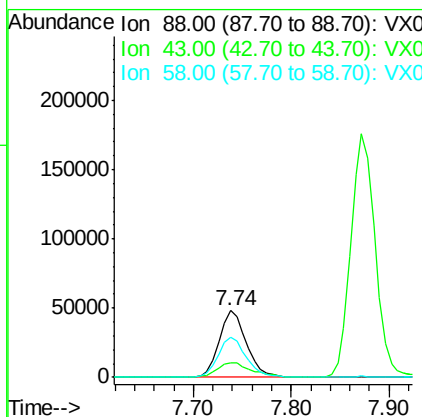
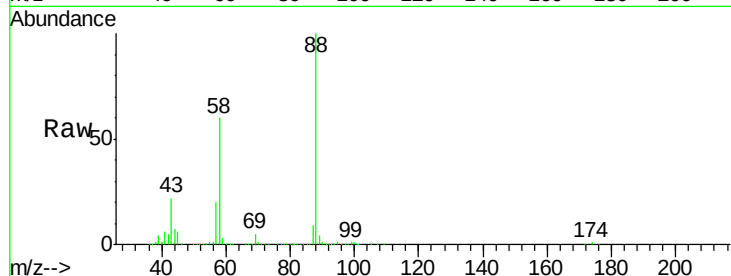
ClientSampleId :

ICVVX060719

Tot Ion:	88	Resp:	92838
Ion	Ratio	Lower	Upper
88	100		
43	26.8	30.2	45.4#
58	62.3	64.0	96.0#

Manual Integrations
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MMDadoda
6/10/2019 10:53:50 AM



#50

Toluene-d8

Concen: 50.420 ug/l

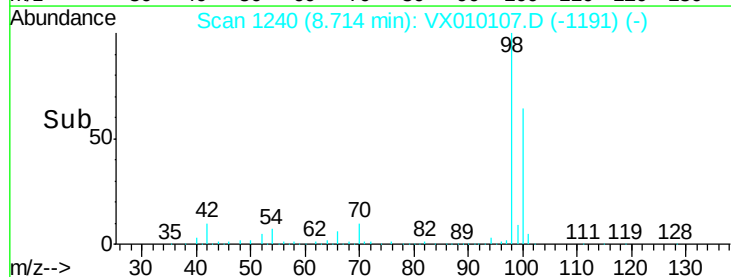
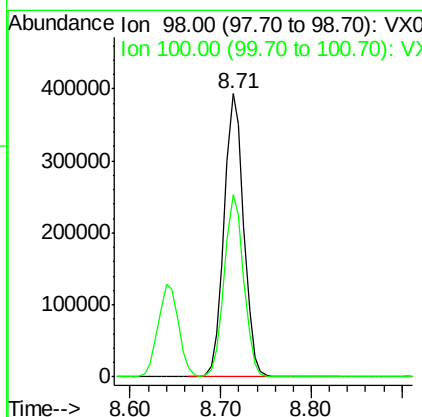
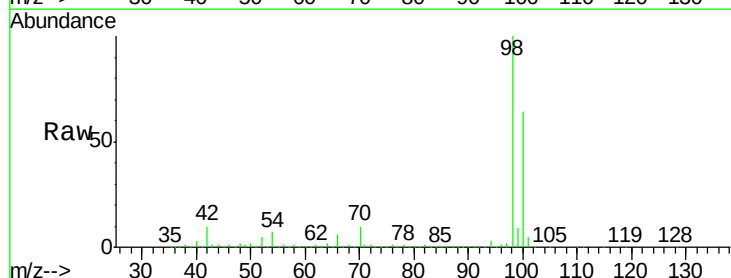
RT: 8.71 min Scan# 1240

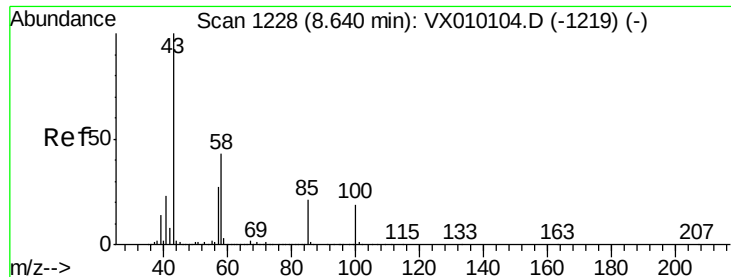
Delta R.T. 0.00 min

Lab File: VX010107.D

Acq: 07 Jun 2019 13:51

Tgt Ion:	98	Resp:	591234
Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.5	77.3





#51

4-Methyl-2-Pentanone

Concen: 254.959 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX010107.D

Acq: 07 Jun 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

ICVVX060719

Tot Ion: 43 Resp: 1096546

Ion Ratio Lower Upper

43 100

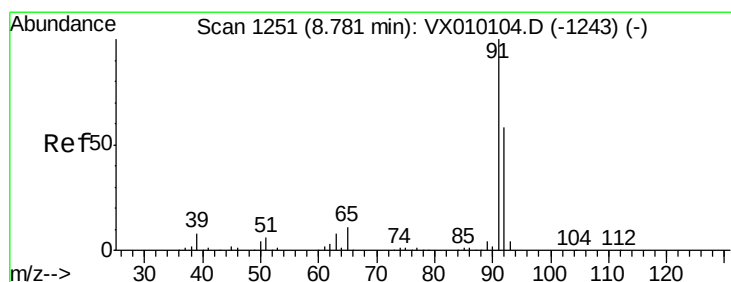
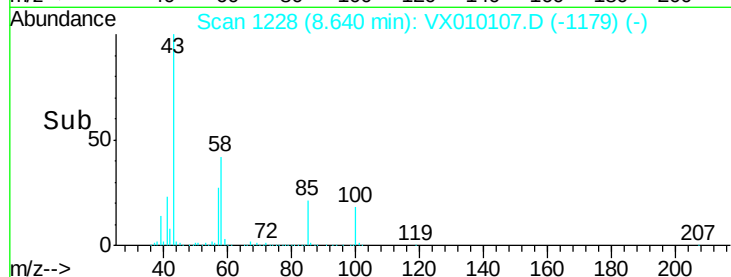
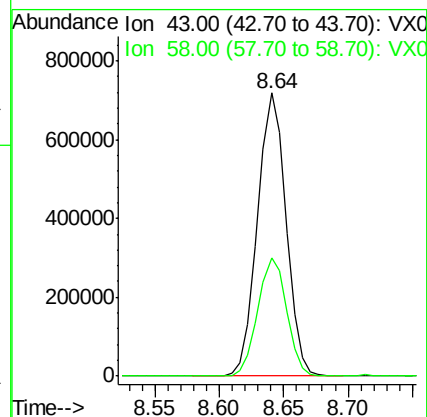
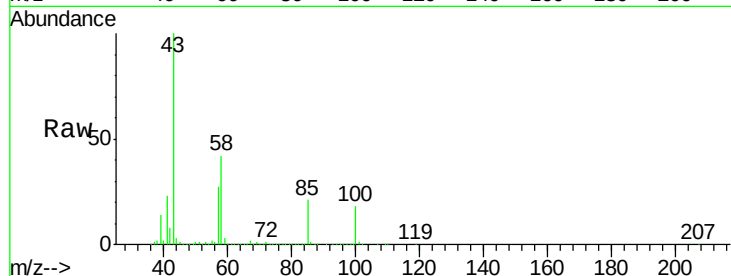
58 42.4 28.8 43.2

Manual Integrations

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MMDadoda

6/10/2019 10:53:50 AM



#52

Toluene

Concen: 49.897 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX010107.D

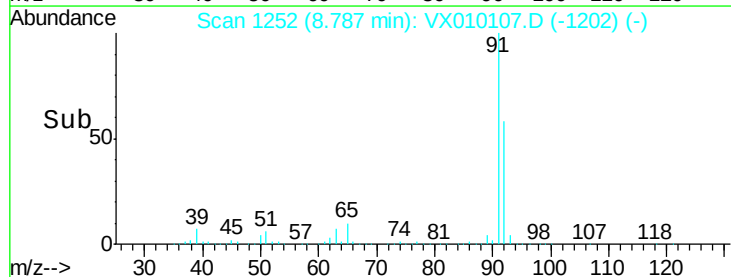
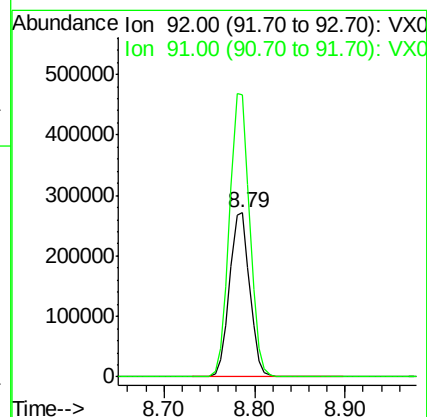
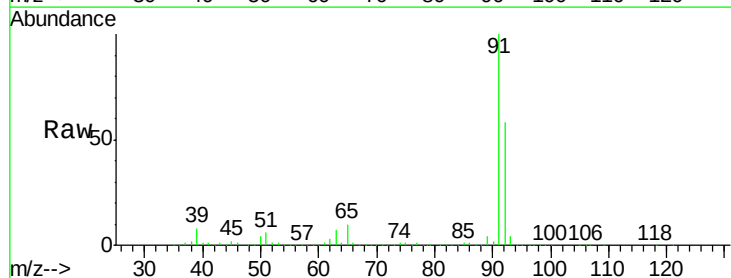
Acq: 07 Jun 2019 13:51

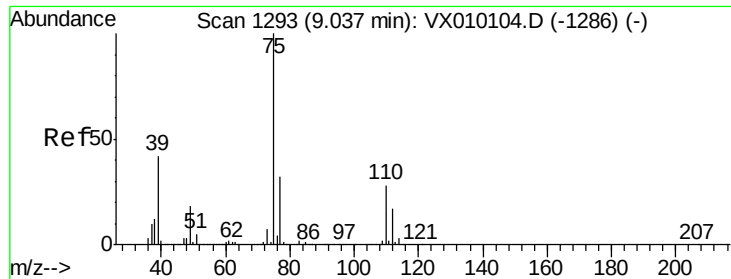
Tgt Ion: 92 Resp: 419722

Ion Ratio Lower Upper

92 100

91 173.4 139.9 209.9





#53

t-1,3-Dichloropropene

Concen: 50.758 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VX010107.D

Acq: 07 Jun 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

ICVVX060719

Tot Ion: 75 Resp: 263243

Ion Ratio Lower Upper

75 100

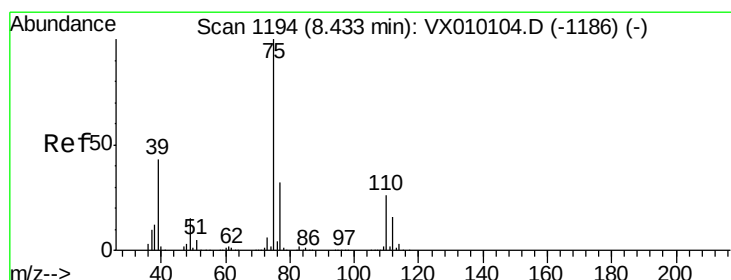
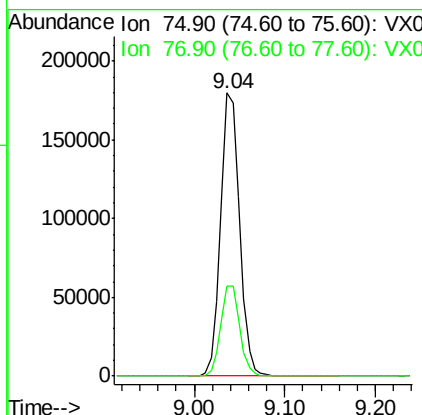
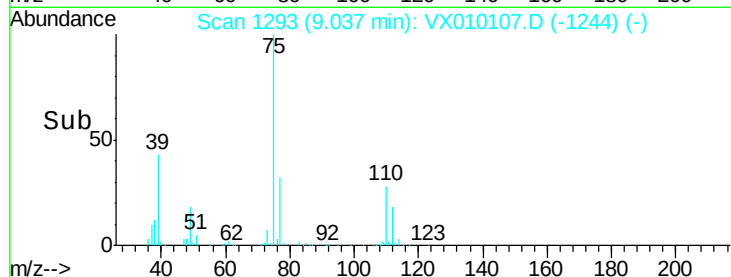
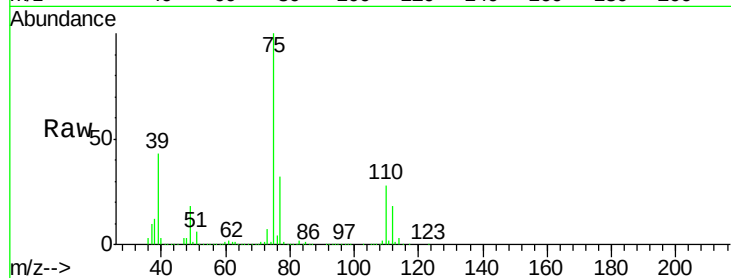
77 31.6 24.6 36.8

Manual Integrations

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MMDadoda

6/10/2019 10:53:50 AM



#54

cis-1,3-Dichloropropene

Concen: 49.930 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX010107.D

Acq: 07 Jun 2019 13:51

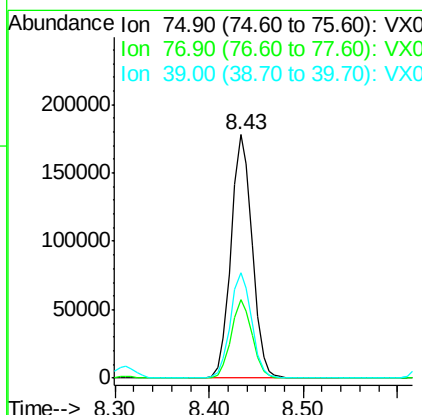
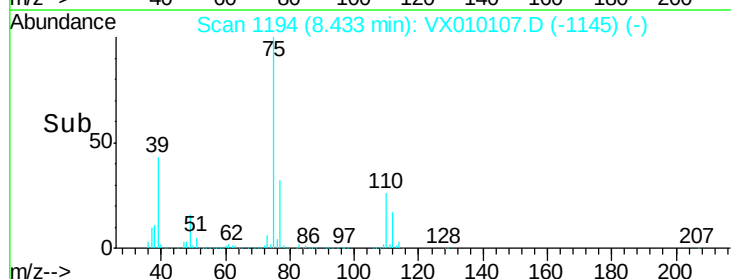
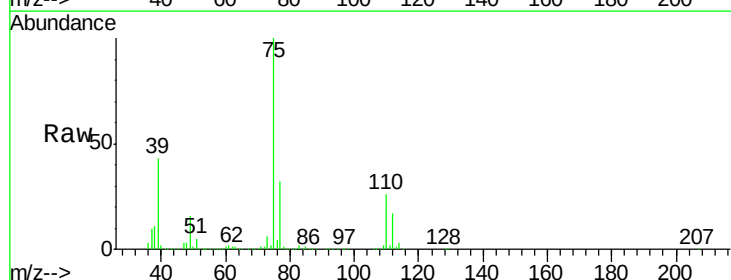
Tgt Ion: 75 Resp: 277604

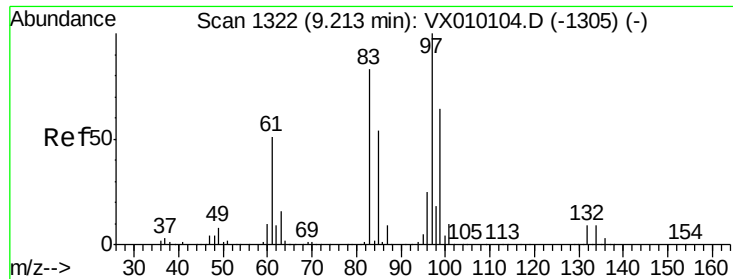
Ion Ratio Lower Upper

75 100

77 32.0 24.8 37.2

39 43.1 43.4 65.0#





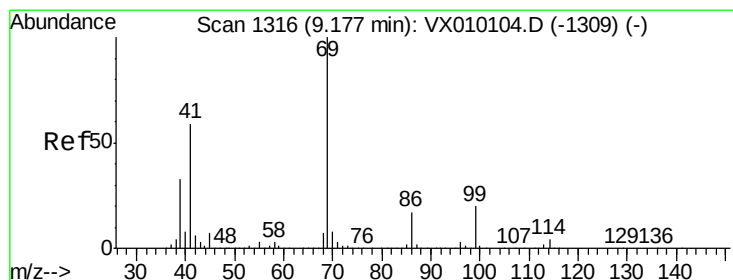
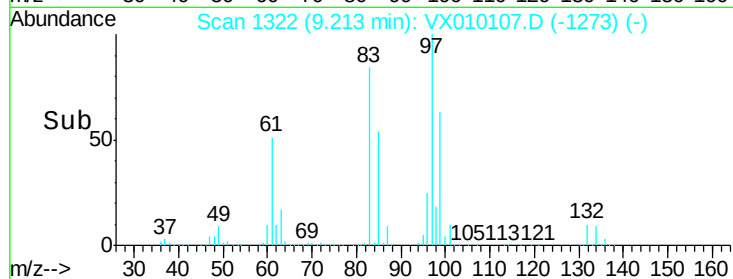
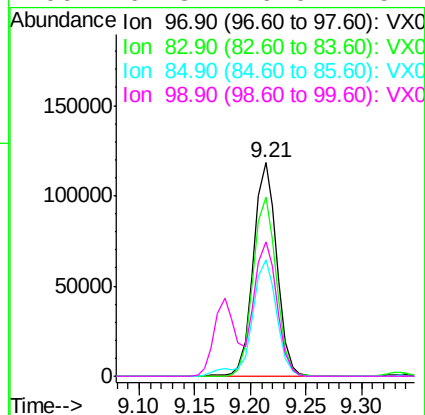
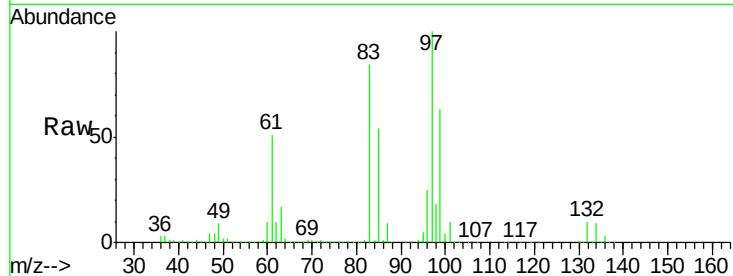
#55
1,1,2-Trichloroethane
Concen: 50.350 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VX010107.D
Acq: 07 Jun 2019 13:51

Instrument :
MSVOA_X
ClientSampleId :
ICVVX060719

Tot Ion:	97	Resp:	173453
Ion	Ratio	Lower	Upper
97	100		
83	83.9	69.8	104.8
85	54.3	45.3	67.9
99	62.8	49.0	73.4

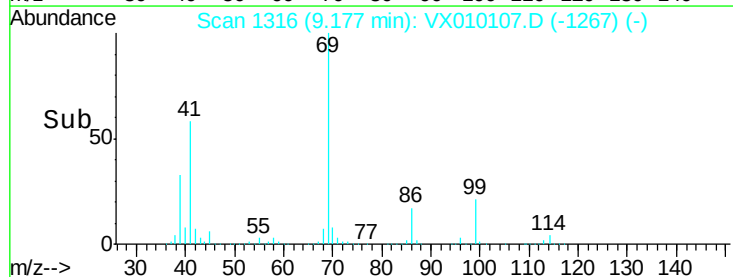
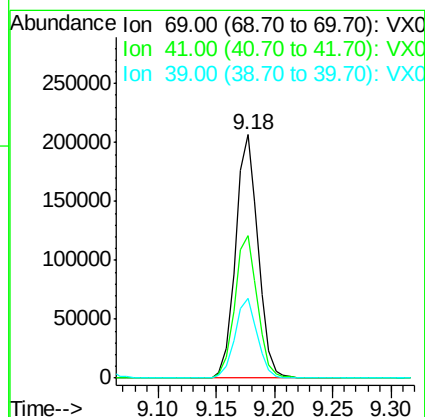
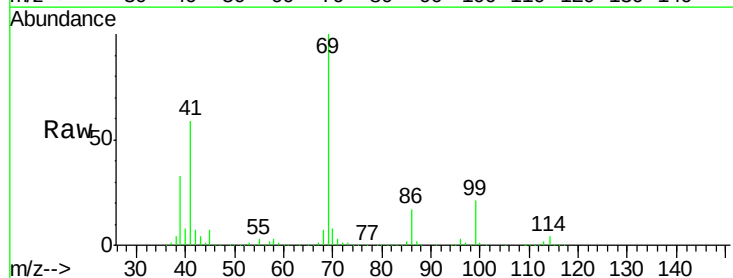
Manual Integrations
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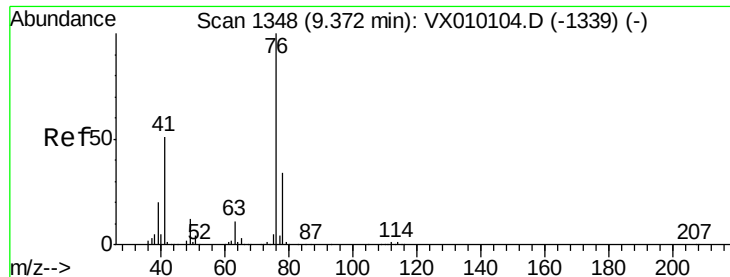
MMDadoda
6/10/2019 10:53:50 AM



#56
Ethyl methacrylate
Concen: 50.816 ug/l
RT: 9.18 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VX010107.D
Acq: 07 Jun 2019 13:51

Tgt Ion:	69	Resp:	276533
Ion	Ratio	Lower	Upper
69	100		
41	59.0	62.7	94.1#
39	32.5	29.5	44.3





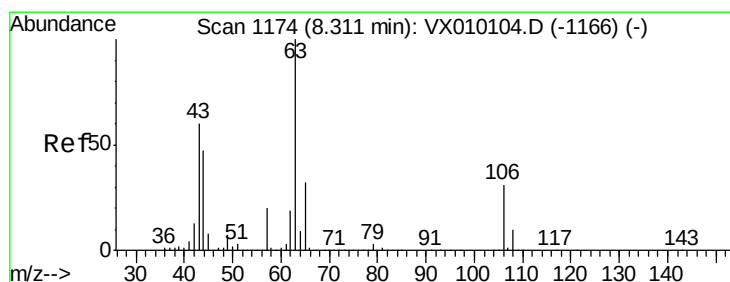
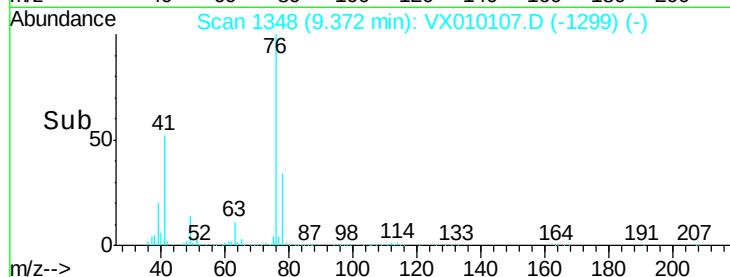
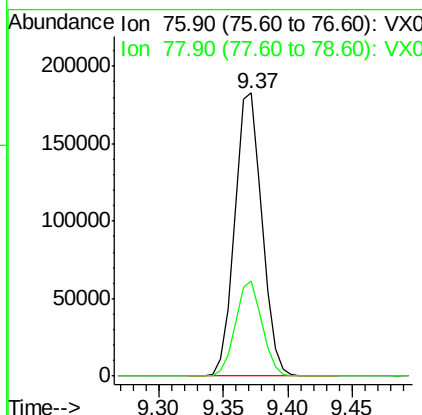
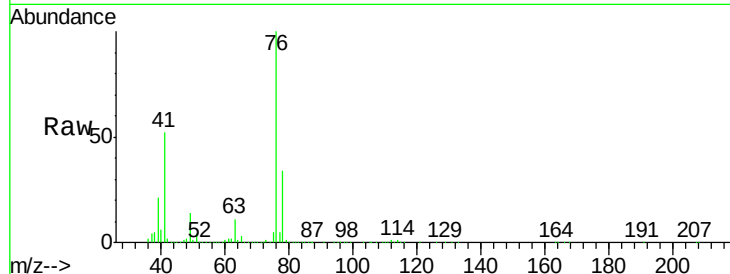
#57
 1,3-Dichloropropane
 Concen: 49.530 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX010107.D
 Acq: 07 Jun 2019 13:51

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX060719

Tot Ion	Ratio	Lower	Upper
76	100		
78	33.0	25.4	38.0

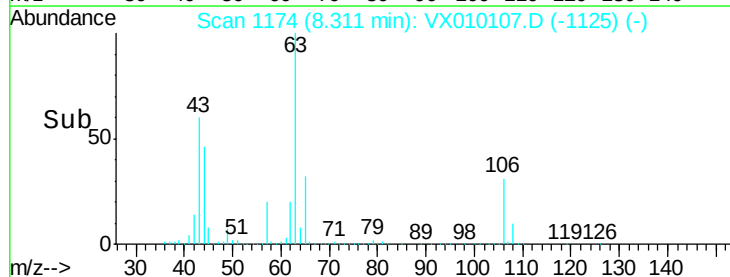
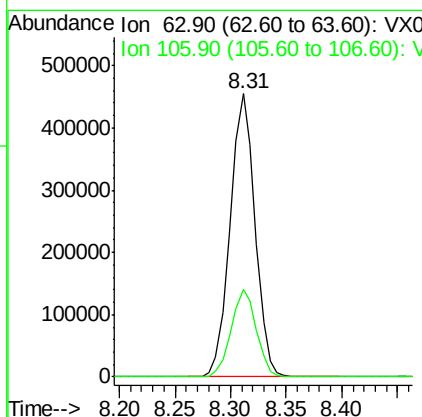
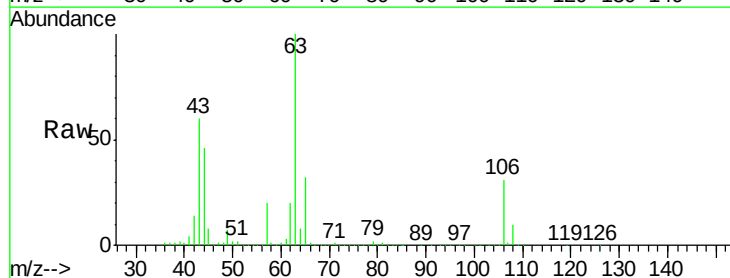
Manual Integrations
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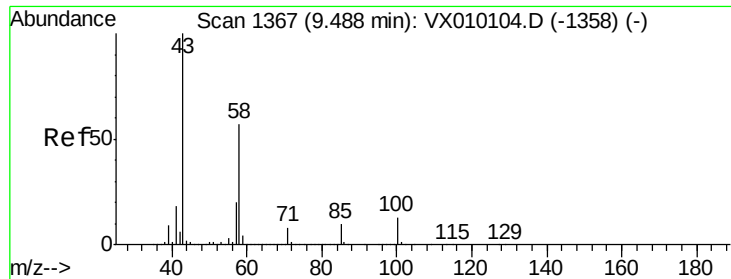
MMDadoda
 6/10/2019 10:53:50 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 273.802 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX010107.D
 Acq: 07 Jun 2019 13:51

Tgt Ion	Ratio	Lower	Upper
63	100		
106	31.1	19.4	29.2#





#59

2-Hexanone

Concen: 252.903 ug/l

RT: 9.49 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VX010107.D

Acq: 07 Jun 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

ICVVX060719

Tot Ion: 43 Resp: 867238

Ion Ratio Lower Upper

43 100

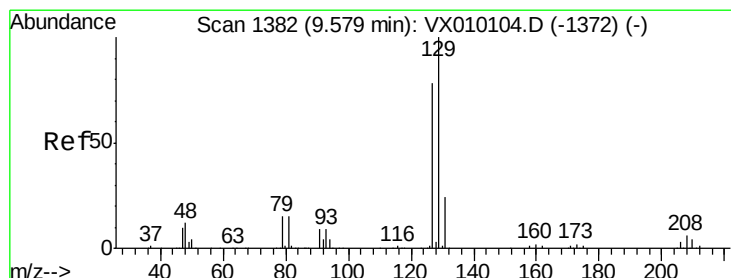
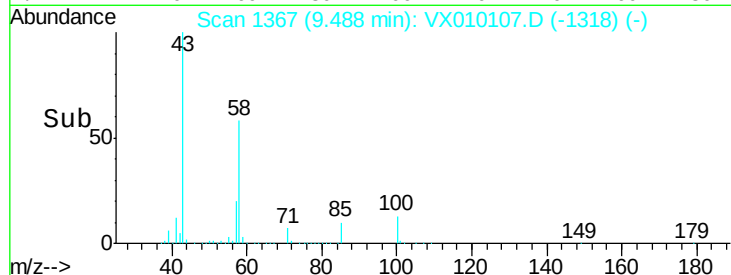
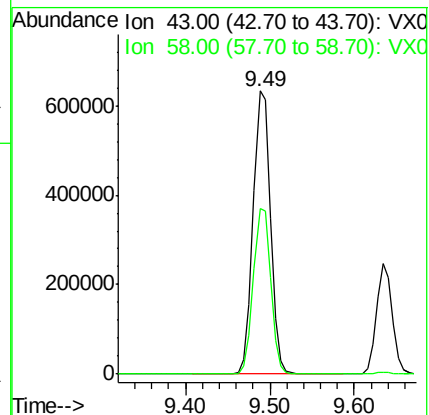
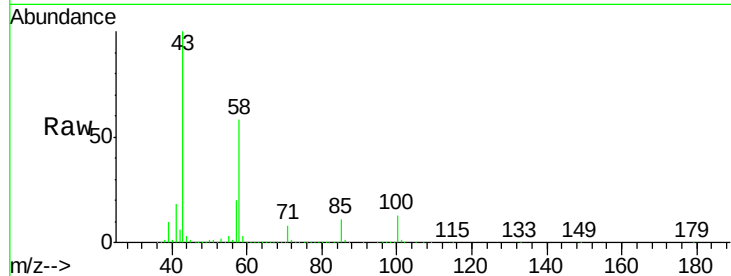
58 59.1 25.1 75.3

Manual Integrations

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MMDadoda

6/10/2019 10:53:50 AM



#60

Dibromochloromethane

Concen: 50.562 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VX010107.D

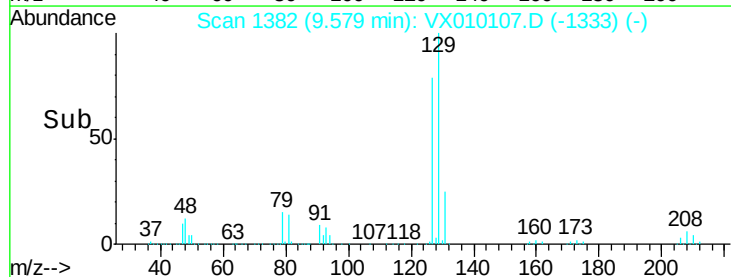
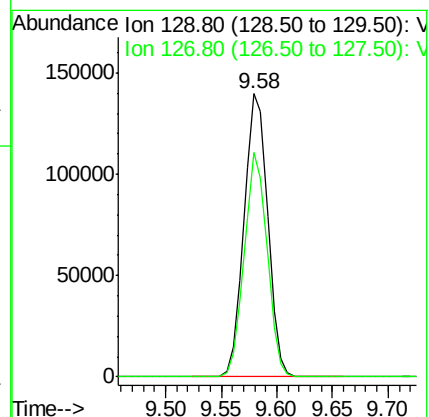
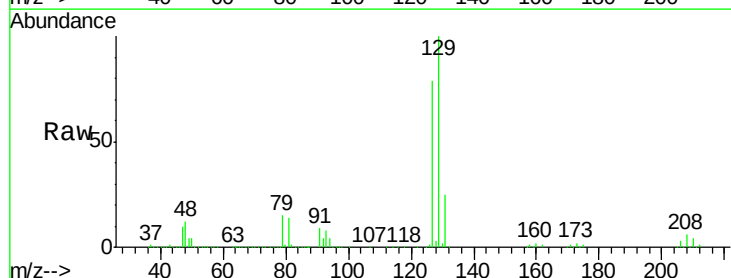
Acq: 07 Jun 2019 13:51

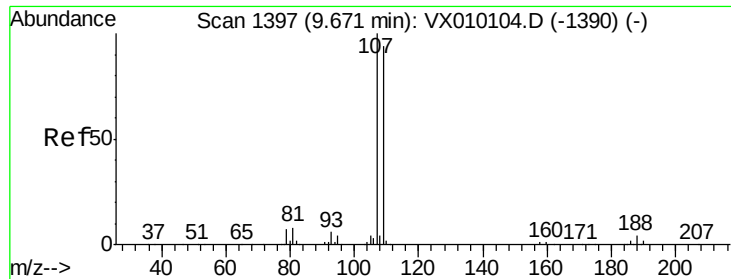
Tgt Ion: 129 Resp: 206031

Ion Ratio Lower Upper

129 100

127 76.9 38.5 115.5





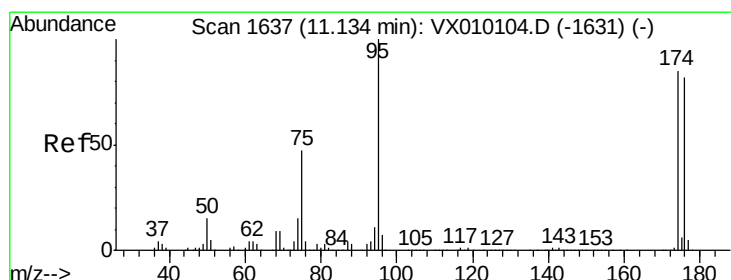
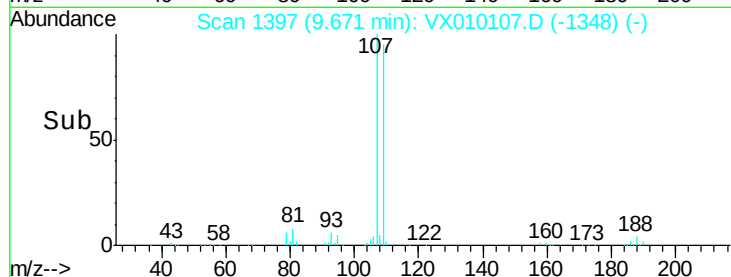
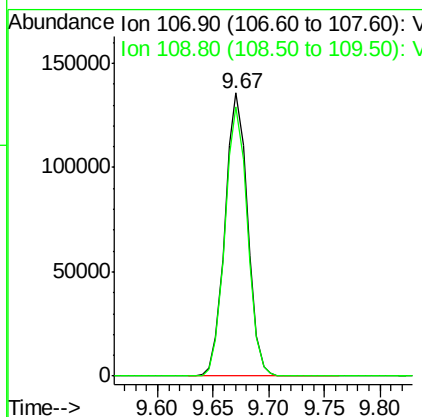
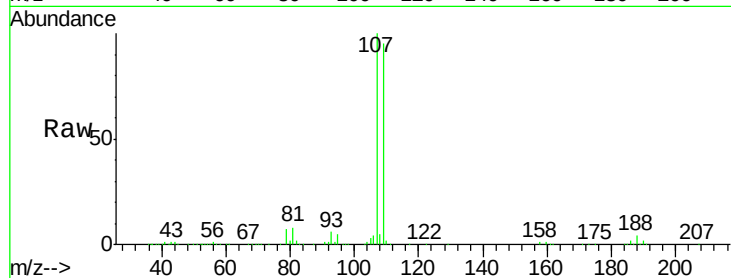
#61
 1,2-Dibromoethane
 Concen: 49.709 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX010107.D
 Acq: 07 Jun 2019 13:51

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX060719

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.1	75.4	113.2

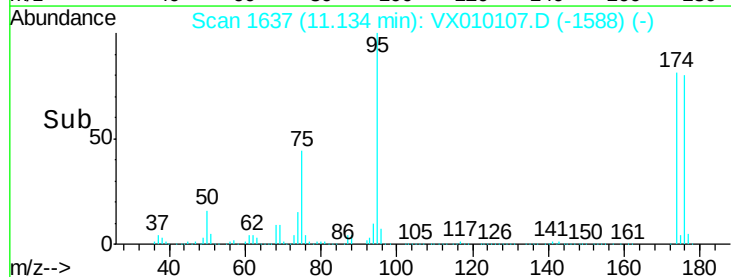
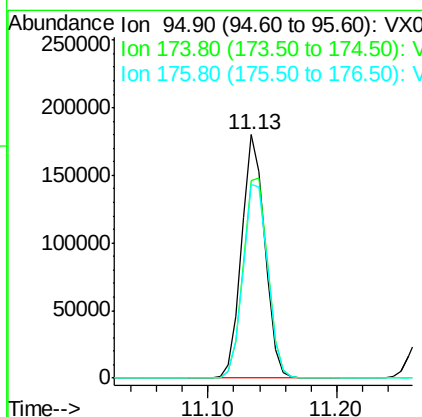
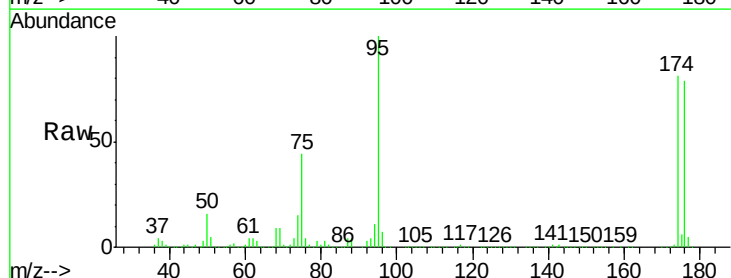
Manual Integrations
 APPROVED

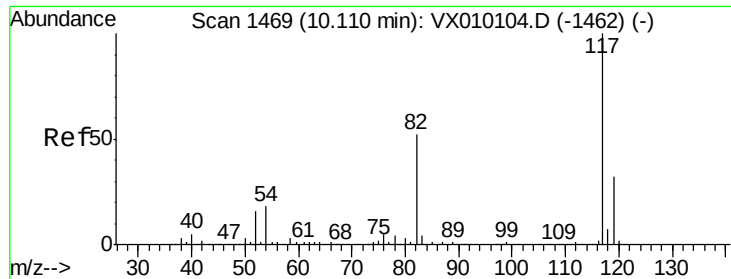
MMDadoda
 6/10/2019 10:53:50 AM



#62
 4-Bromofluorobenzene
 Concen: 50.828 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX010107.D
 Acq: 07 Jun 2019 13:51

Tgt Ion	Ratio	Lower	Upper
95	100		
174	87.4	0.0	160.4
176	84.9	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: VX010107.D

Acq: 07 Jun 2019 13:51

Instrument :

MSVOA_X

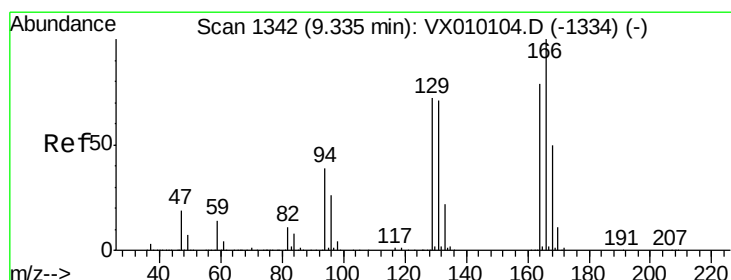
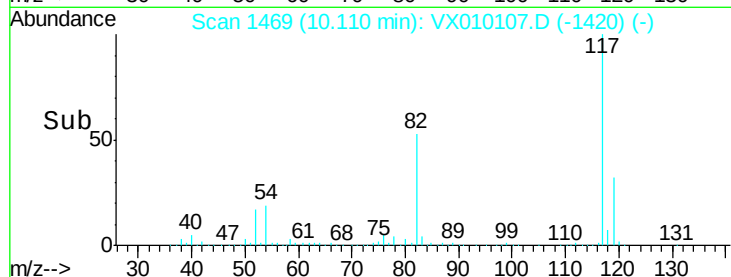
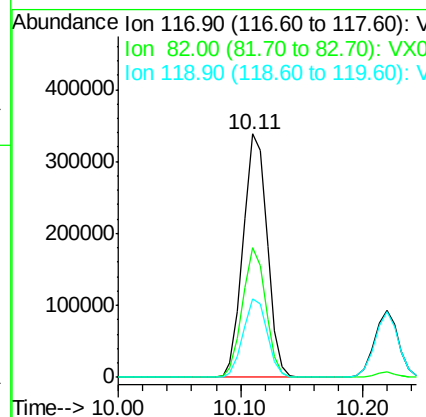
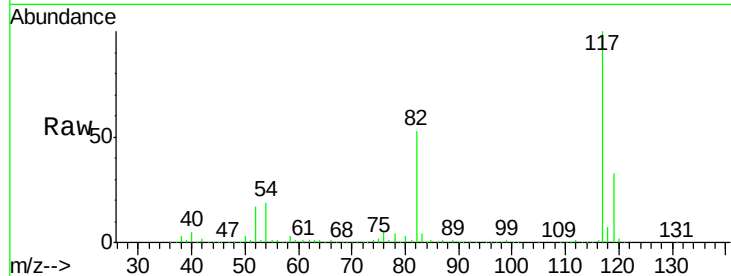
ClientSampleId :

ICVVX060719

Tot Ion:	117	Resp:	460200
Ion Ratio		Lower	Upper
117	100		
82	53.3	49.2	73.8
119	32.5	25.2	37.8

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MMDadoda
6/10/2019 10:53:50 AM



#64

Tetrachloroethene

Concen: 48.149 ug/l

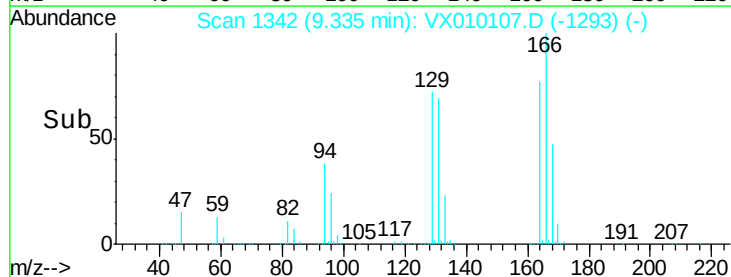
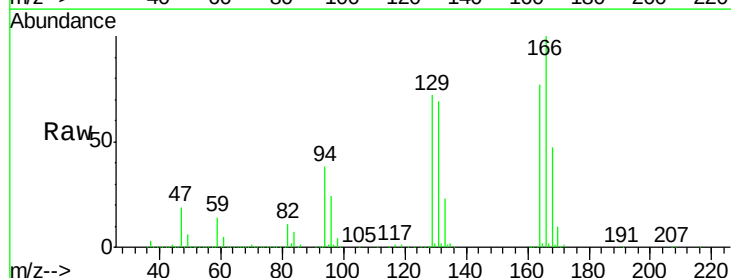
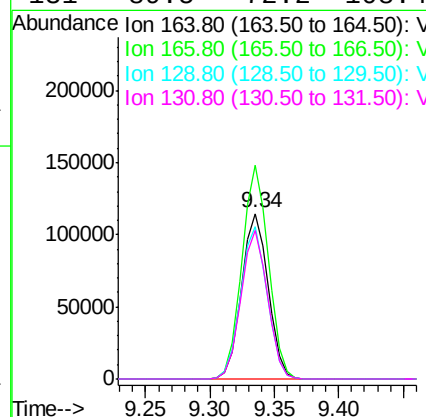
RT: 9.34 min Scan# 1342

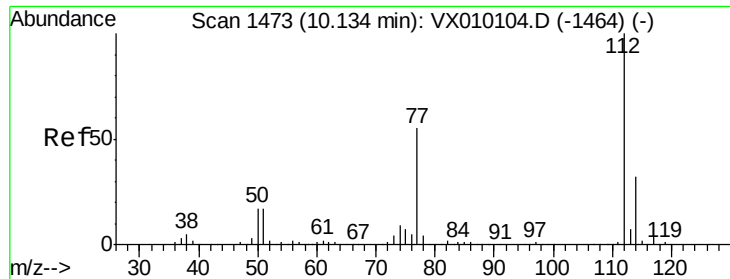
Delta R.T. -0.00 min

Lab File: VX010107.D

Acq: 07 Jun 2019 13:51

Tgt Ion:	164	Resp:	164572
Ion Ratio		Lower	Upper
164	100		
166	129.0	105.0	157.4
129	92.3	75.1	112.7
131	89.5	72.2	108.4





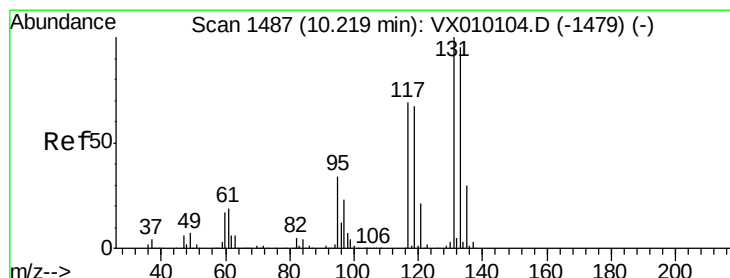
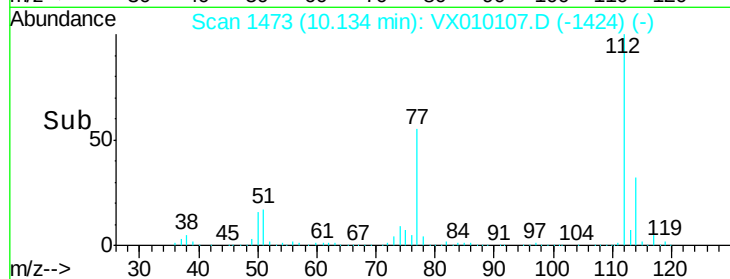
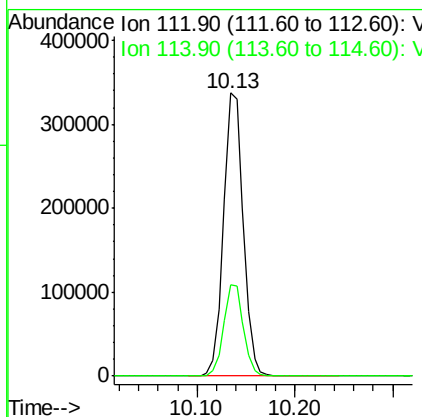
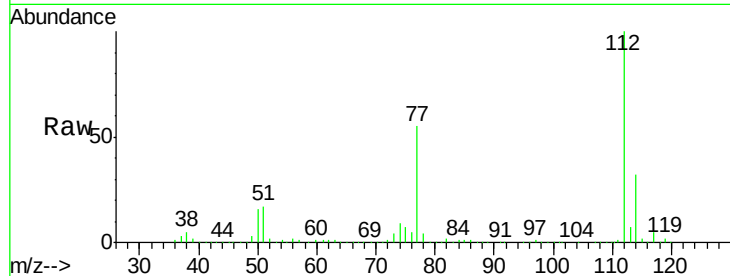
#65
Chlorobenzene
Concen: 49.659 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX010107.D
Acq: 07 Jun 2019 13:51

Instrument :
MSVOA_X
ClientSampleId :
ICVVX060719

Tot Ion:112 Resp: 471673
Ion Ratio Lower Upper
112 100
114 32.3 25.8 38.8

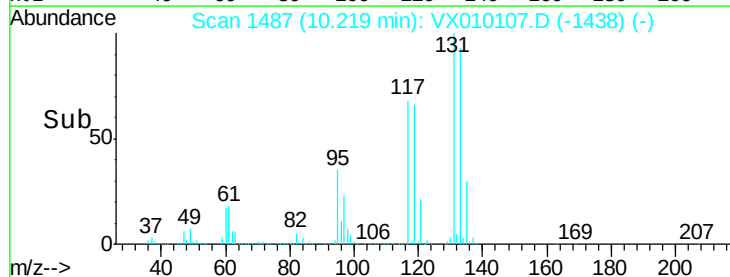
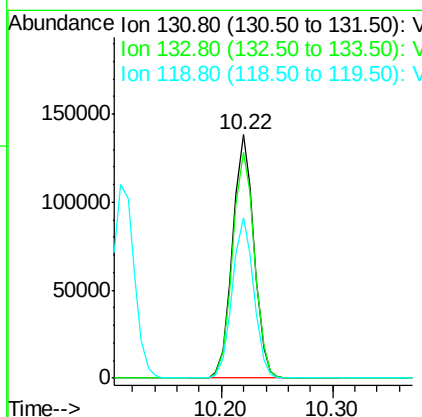
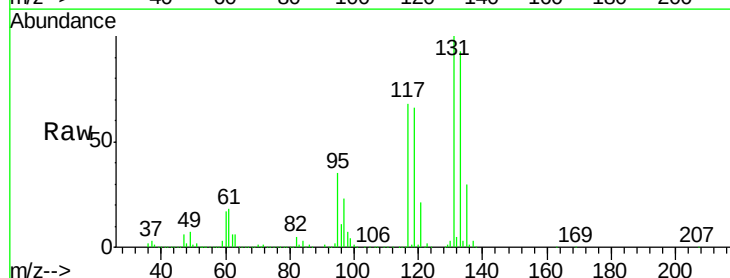
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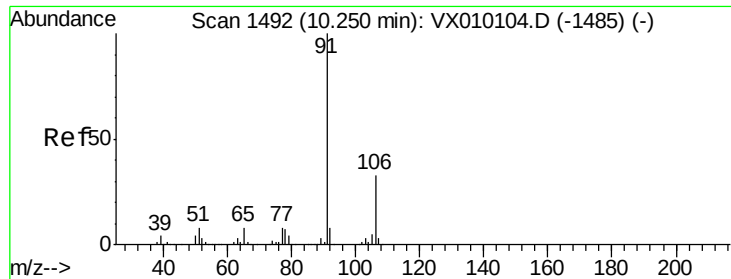
MMDadoda
6/10/2019 10:53:50 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 50.245 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX010107.D
Acq: 07 Jun 2019 13:51

Tgt Ion:131 Resp: 183526
Ion Ratio Lower Upper
131 100
133 95.0 47.5 142.6
119 66.2 33.4 100.1





#67

Ethyl Benzene

Concen: 49.825 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX010107.D

Acq: 07 Jun 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

ICVVX060719

Tot Ion: 91 Resp: 805638

Ion Ratio Lower Upper

91 100

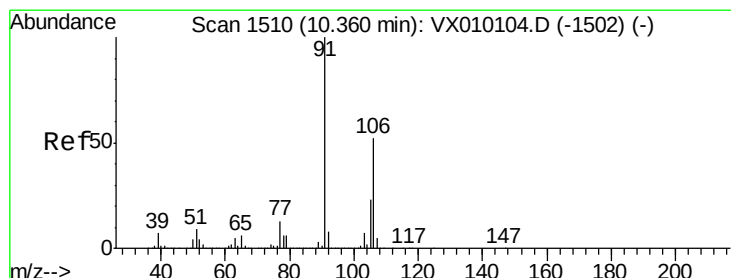
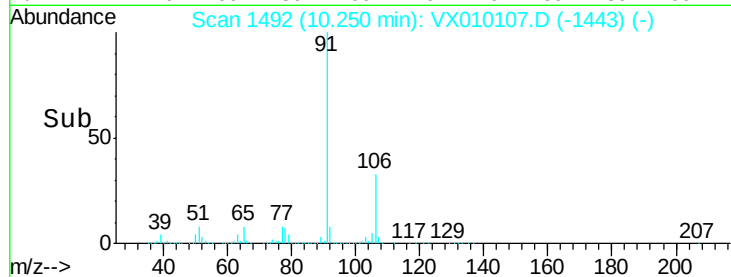
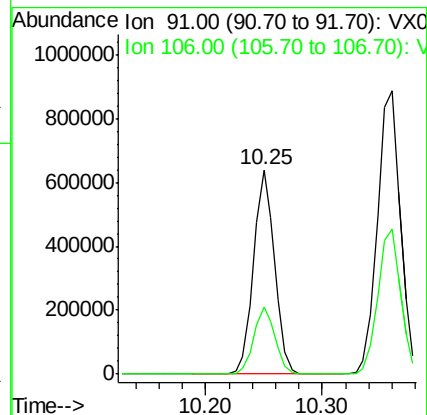
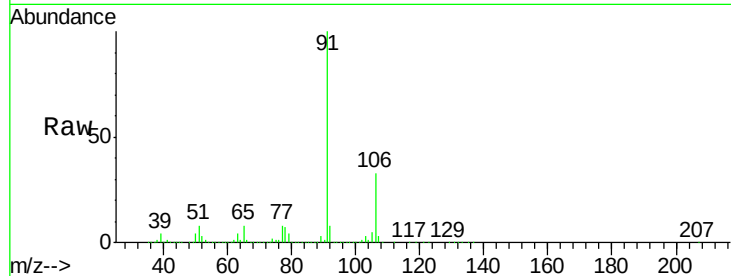
106 32.7 23.9 35.9

Manual Integrations

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MMDadoda

6/10/2019 10:53:50 AM



#68

m/p-Xylenes

Concen: 99.574 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX010107.D

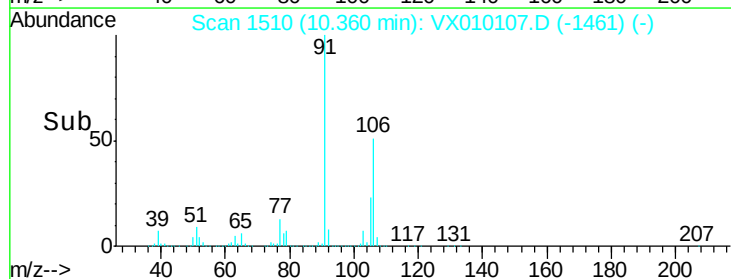
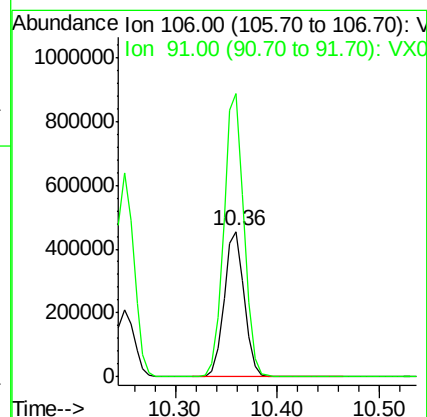
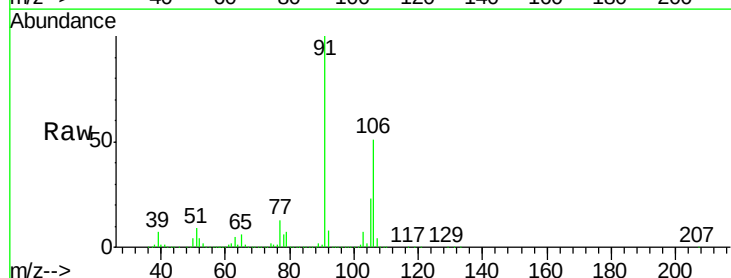
Acq: 07 Jun 2019 13:51

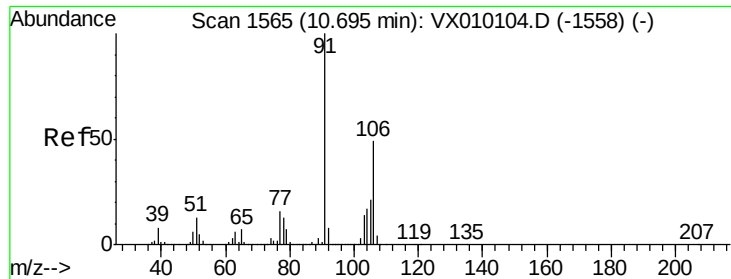
Tgt Ion: 106 Resp: 623031

Ion Ratio Lower Upper

106 100

91 195.8 167.3 250.9





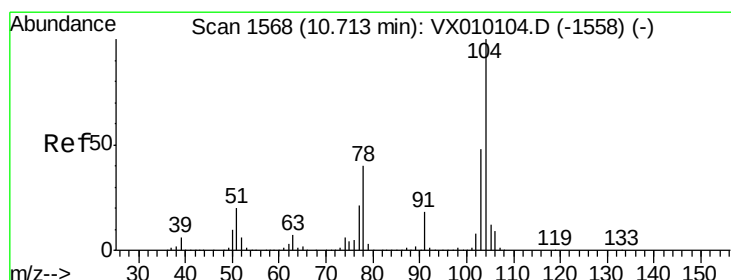
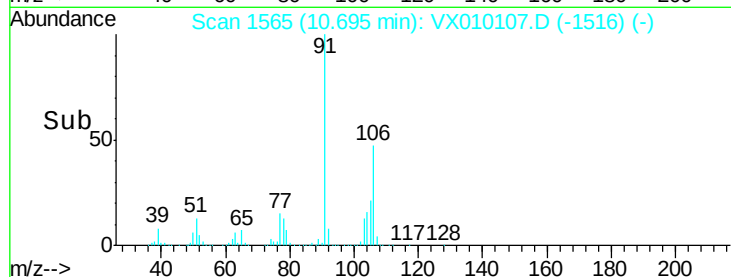
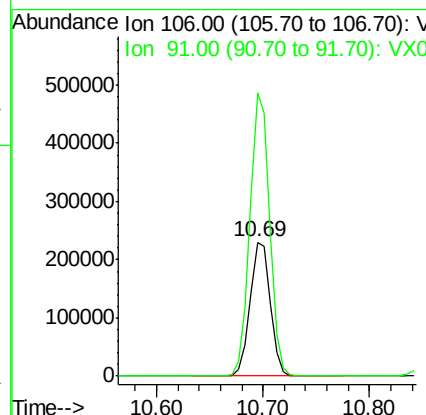
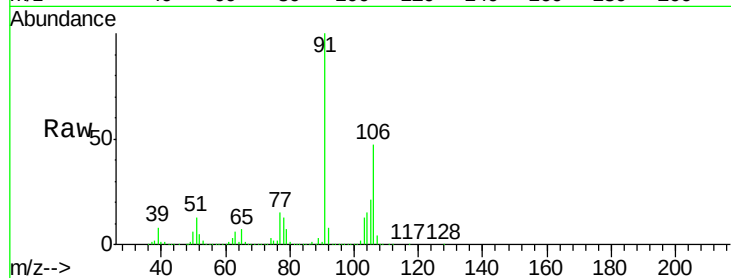
#69
o-Xylene
Concen: 49.472 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010107.D
Acq: 07 Jun 2019 13:51

Instrument :
MSVOA_X
ClientSampled :
ICVVX060719

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	307707		
91	91	205.9	110.4	331.2	

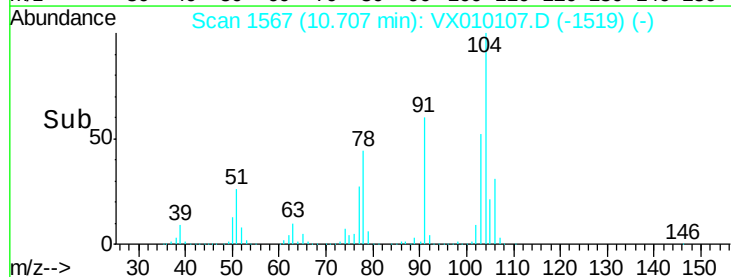
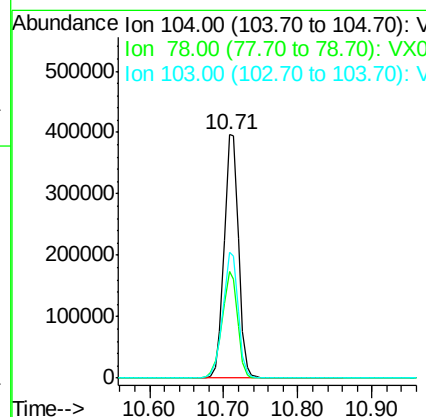
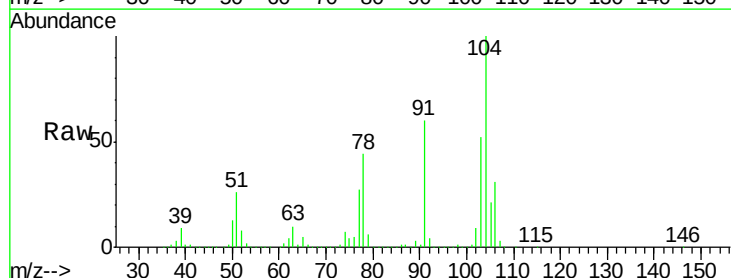
Manual Integrations
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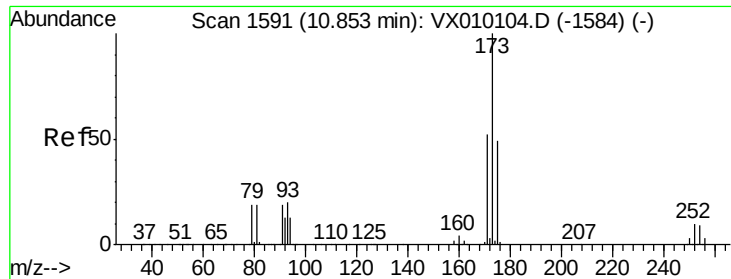
MMDadoda
6/10/2019 10:53:50 AM



#70
Styrene
Concen: 50.180 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX010107.D
Acq: 07 Jun 2019 13:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	528607		
78	78	47.0	42.1	63.1	
103	103	54.6	44.1	66.1	





#71

Bromoform

Concen: 49.771 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX010107.D

Acq: 07 Jun 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

ICVVX060719

Tot Ion:173 Resp: 167127

Ion Ratio Lower Upper

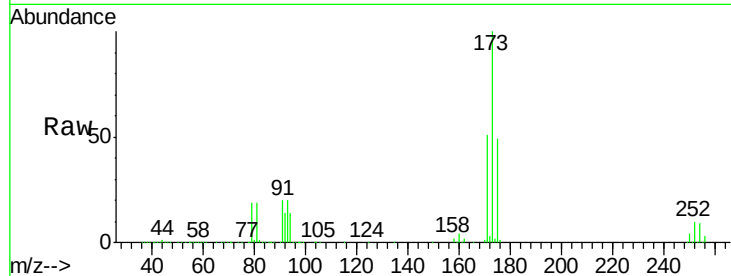
173 100

175 49.0 25.0 75.0

254 0.1 0.2 0.2#

Manual Integrations
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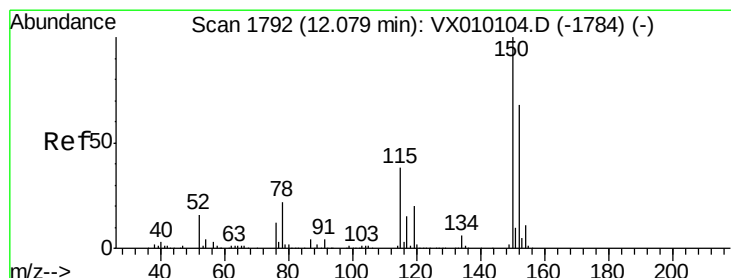
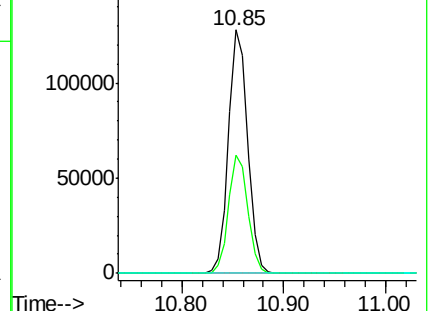
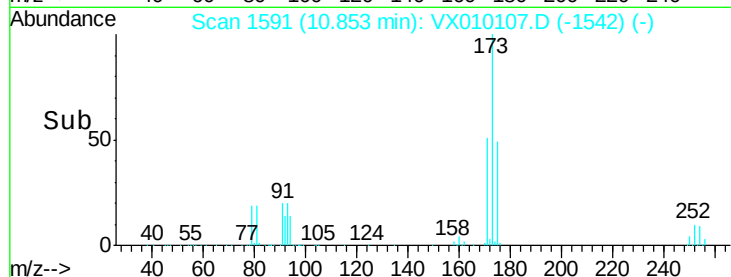
MMDadoda
6/10/2019 10:53:50 AM



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: VX010107.D

Acq: 07 Jun 2019 13:51

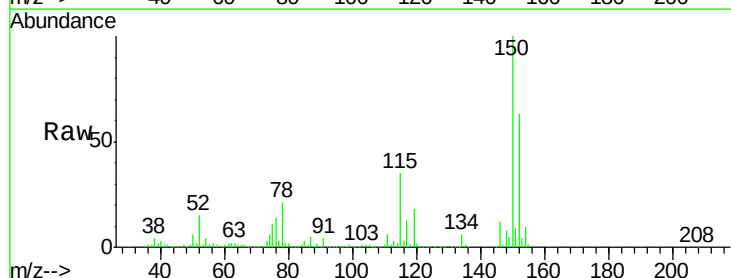
Tgt Ion:152 Resp: 227194

Ion Ratio Lower Upper

152 100

115 79.1 41.4 124.2

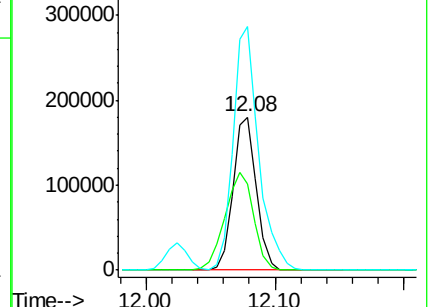
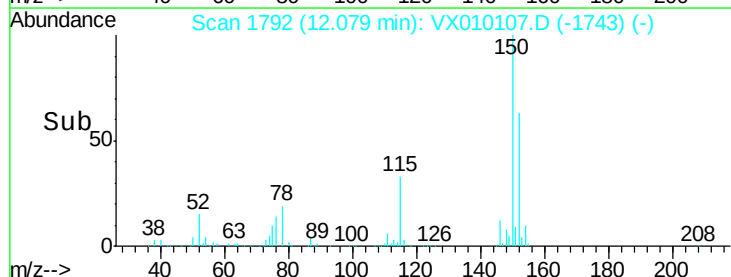
150 174.4 0.0 345.2

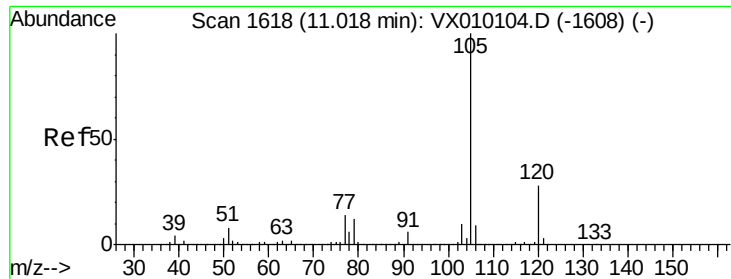


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





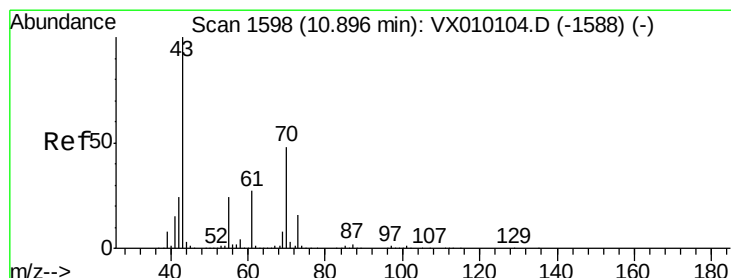
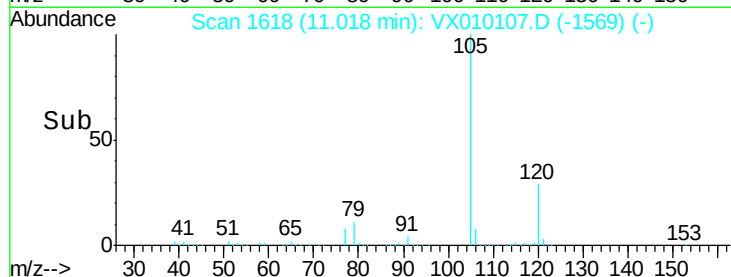
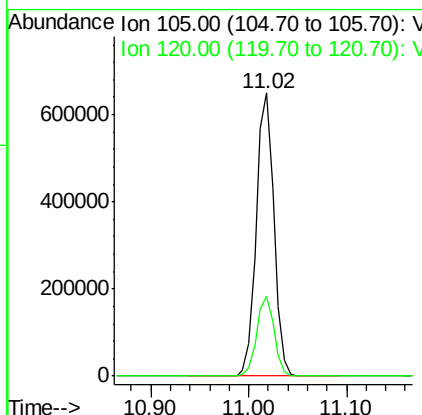
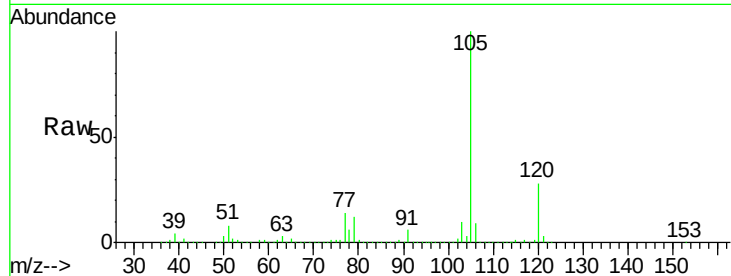
#73
Isopropylbenzene
Concen: 50.989 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX010107.D
Acq: 07 Jun 2019 13:51

Instrument :
MSVOA_X
ClientSampleId :
ICVVX060719

Tot Ion: 105 Resp: 808665
Ion Ratio Lower Upper
105 100
120 28.0 12.8 38.4

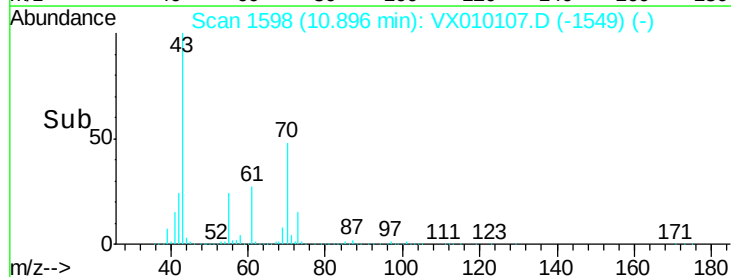
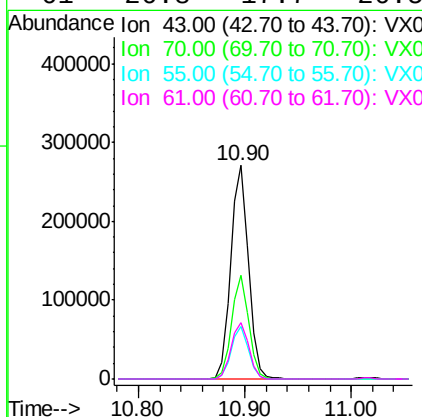
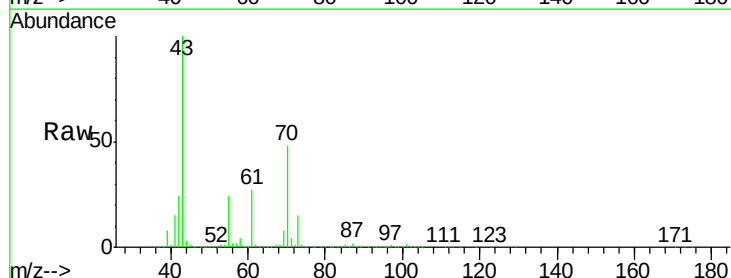
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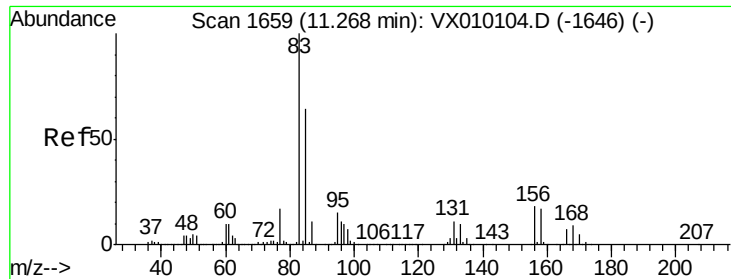
MMDadoda
6/10/2019 10:53:50 AM



#74
N-ethyl acetate
Concen: 50.080 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX010107.D
Acq: 07 Jun 2019 13:51

Tgt Ion: 43 Resp: 313965
Ion Ratio Lower Upper
43 100
70 47.1 28.6 43.0#
55 24.2 17.8 26.8
61 26.8 17.7 26.5#





#75

1,1,2,2-Tetrachloroethane

Concen: 49.123 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX010107.D

Acq: 07 Jun 2019 13:51

Instrument :

MSVOA_X

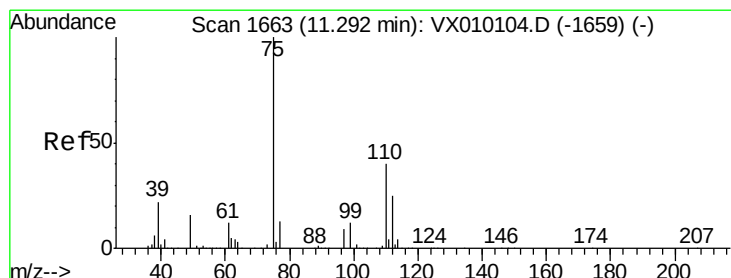
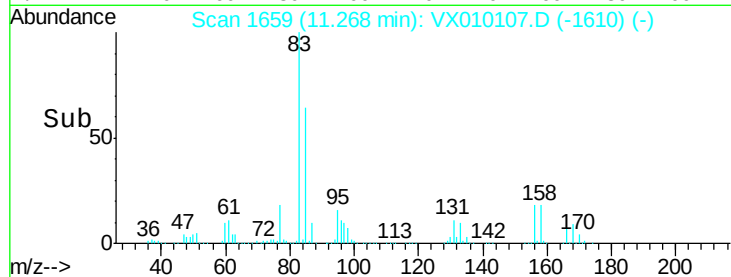
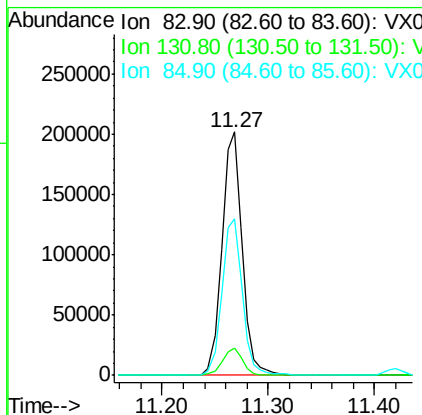
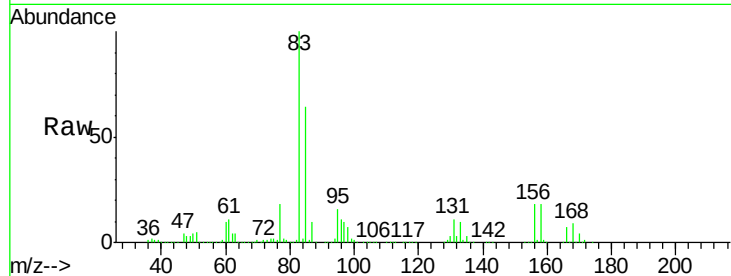
ClientSampleId :

ICVVX060719

Tot Ion:	83	Resp:	266682
Ion	Ratio	Lower	Upper
83	100		
131	11.0	4.7	14.1
85	64.9	31.9	95.9

Manual Integrations
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MMDadoda
6/10/2019 10:53:50 AM



#76

1,2,3-Trichloropropane

Concen: 50.151 ug/l m

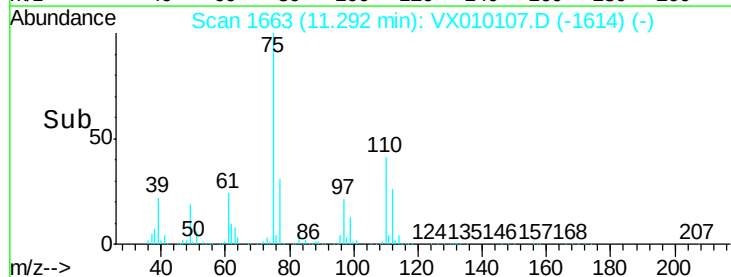
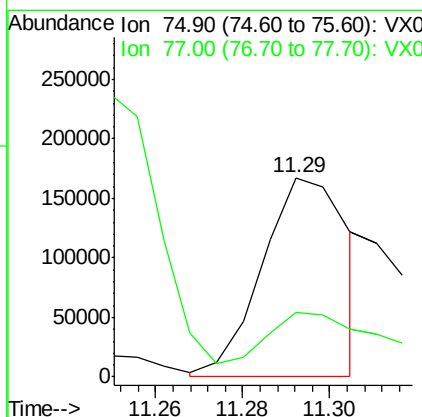
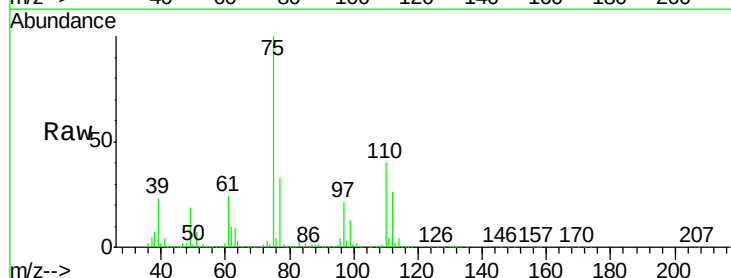
RT: 11.29 min Scan# 1663

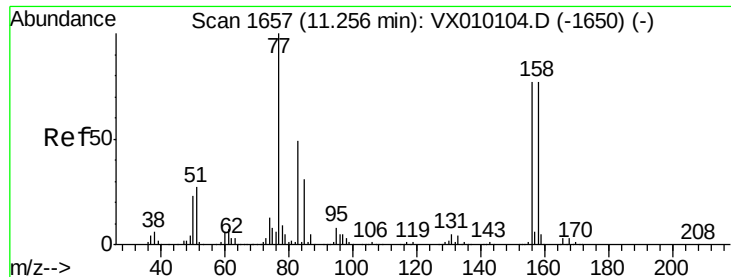
Delta R.T. -0.00 min

Lab File: VX010107.D

Acq: 07 Jun 2019 13:51

Tgt Ion:	75	Resp:	227902
Ion	Ratio	Lower	Upper
75	100		
77	45.3	22.1	66.1





#77

Bromobenzene

Concen: 49.930 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX010107.D

Acq: 07 Jun 2019 13:51

Instrument :

MSVOA_X

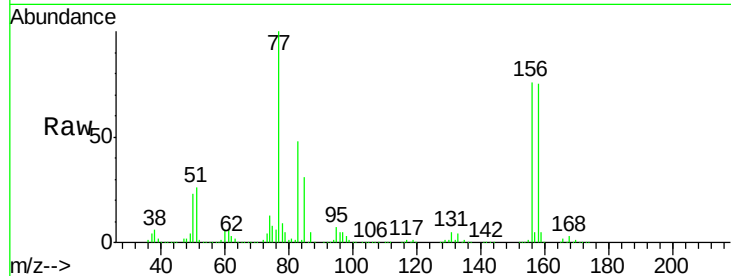
ClientSampleId :

ICVVX060719

Tot Ion	Ratio	Lower	Upper
156	100		
77	141.2	86.8	260.3
158	98.3	49.6	148.8

Manual Integrations
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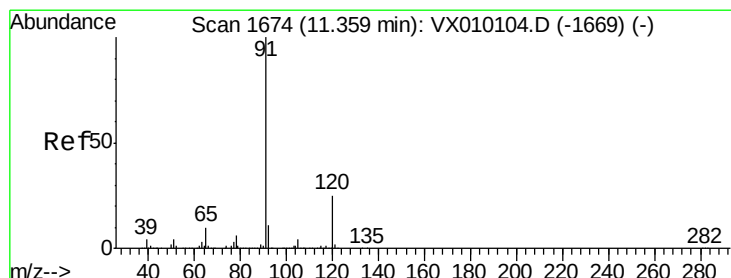
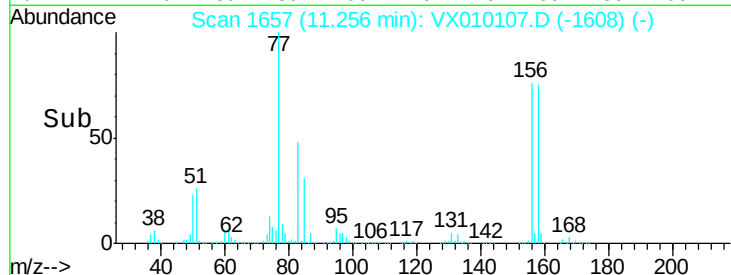
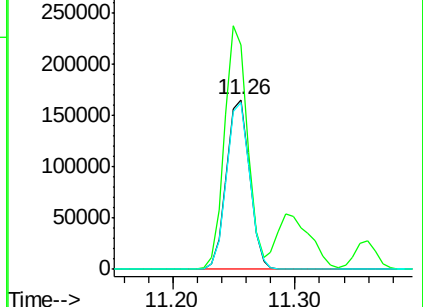
MMDadoda
6/10/2019 10:53:50 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.242 ug/l

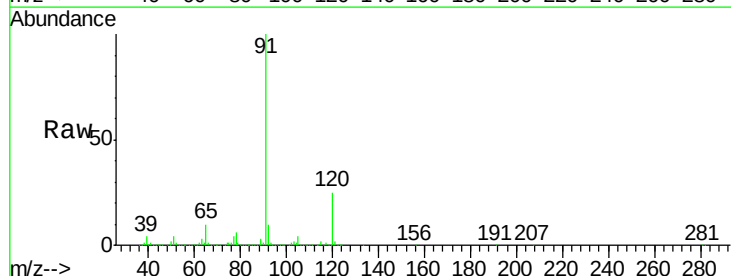
RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010107.D

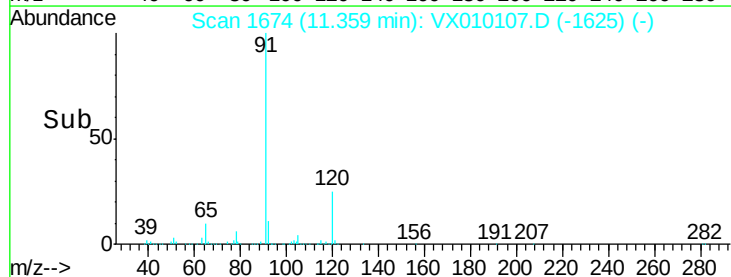
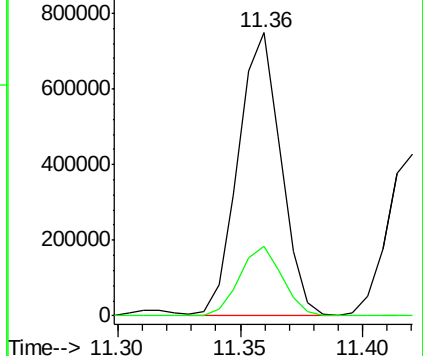
Acq: 07 Jun 2019 13:51

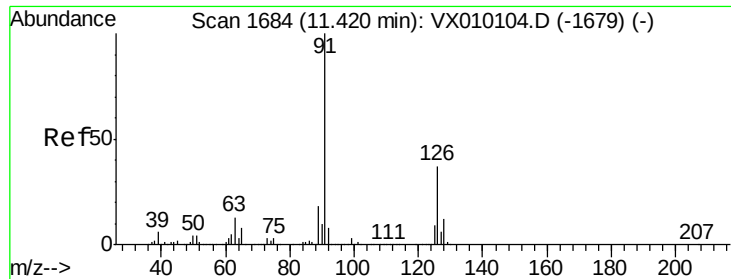
Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.9	11.1	33.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.292 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX010107.D

Acq: 07 Jun 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

ICVVX060719

Tot Ion: 91 Resp: 533314

Ion Ratio Lower Upper

91 100

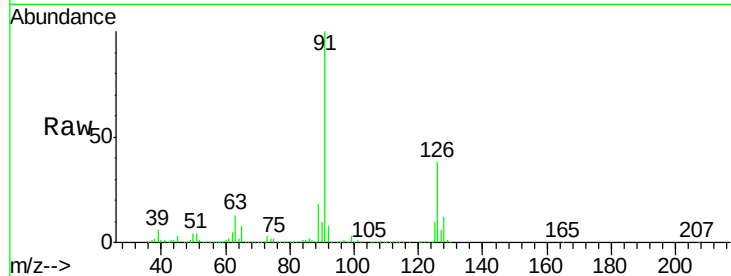
126 37.1 16.1 48.3

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX010107.D (-1635) (-)

Ion 125.90 (125.60 to 126.60): VX010107.D (-1635) (-)

800000

600000

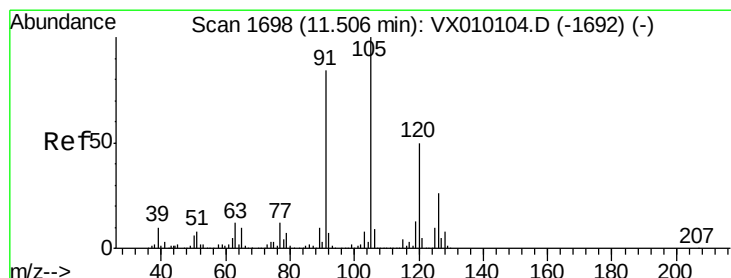
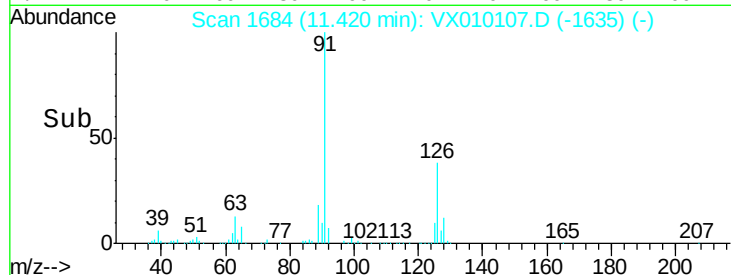
400000

200000

0

11.40 11.42 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 49.957 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010107.D

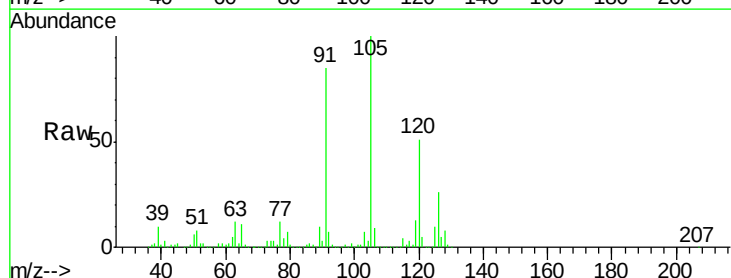
Acq: 07 Jun 2019 13:51

Tgt Ion: 105 Resp: 667326

Ion Ratio Lower Upper

105 100

120 50.0 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): VX010107.D (-1649) (-)

Ion 120.00 (119.70 to 120.70): VX010107.D (-1649) (-)

600000

500000

400000

300000

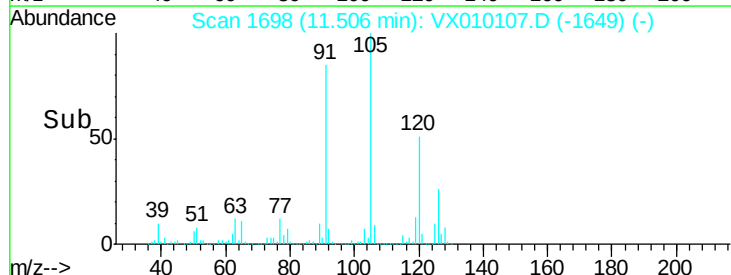
200000

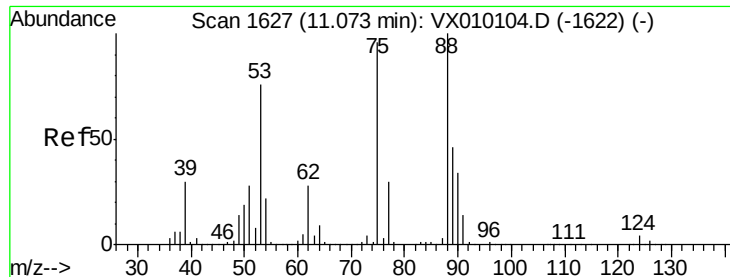
100000

0

11.50 11.51 11.60

Time-->





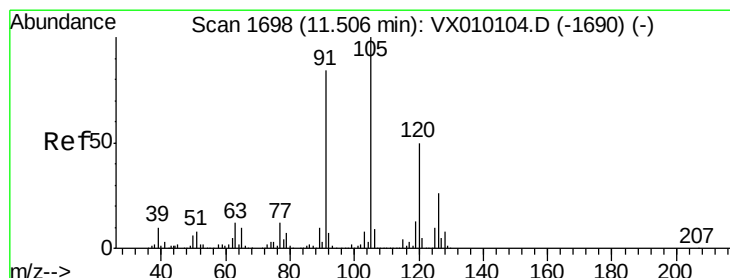
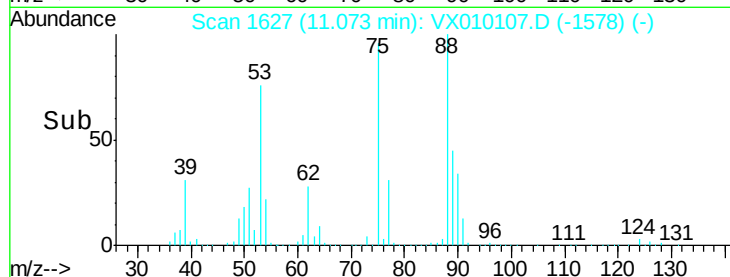
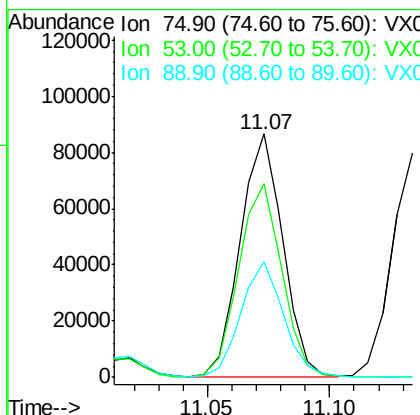
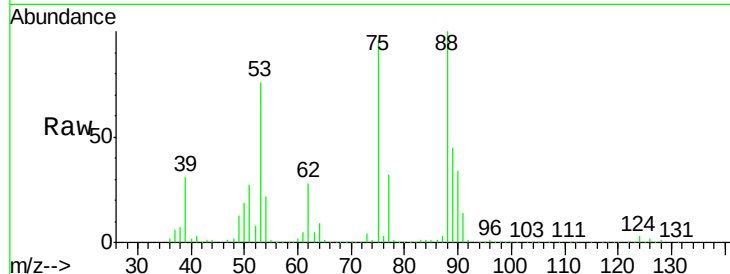
#81
trans-1,4-Dichloro-2-butene
Concen: 50.867 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX010107.D
Acq: 07 Jun 2019 13:51

Instrument :
MSVOA_X
ClientSampleId :
ICVVX060719

Tot Ion	Ratio	Lower	Upper
75	100		
53	80.4	79.8	119.6
89	48.4	34.2	51.4

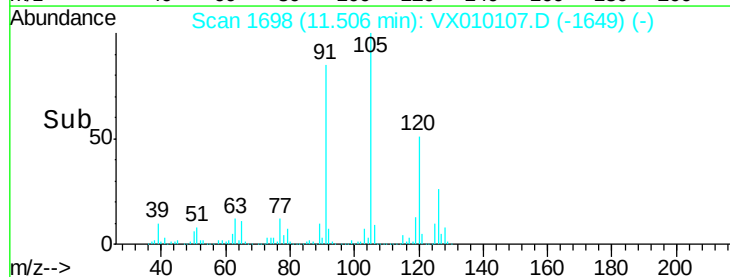
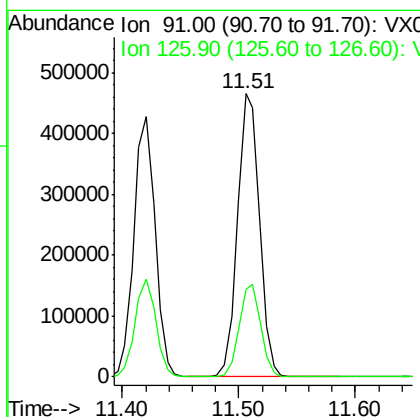
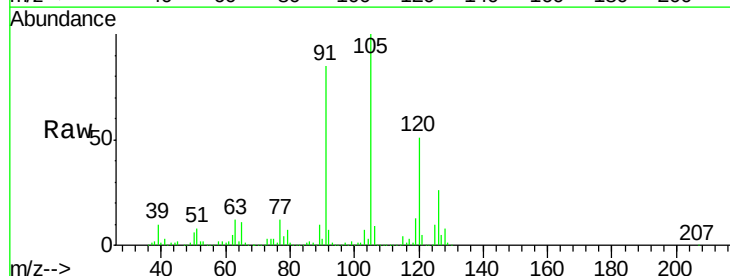
Manual Integrations
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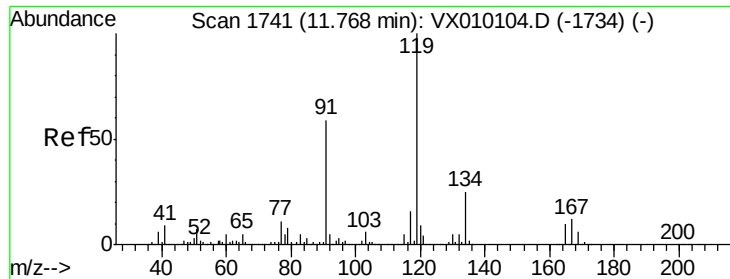
MMDadoda
6/10/2019 10:53:50 AM



#82
4-Chlorotoluene
Concen: 50.858 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX010107.D
Acq: 07 Jun 2019 13:51

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.1	14.2	42.6





#83

tert-Butylbenzene

Concen: 50.671 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX010107.D

Acq: 07 Jun 2019 13:51

Instrument :

MSVOA_X

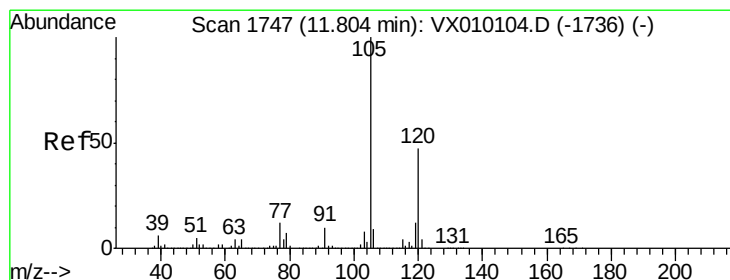
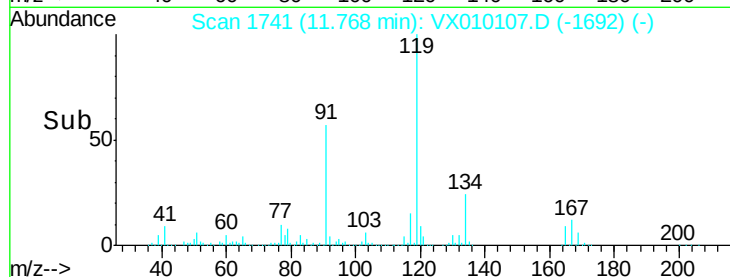
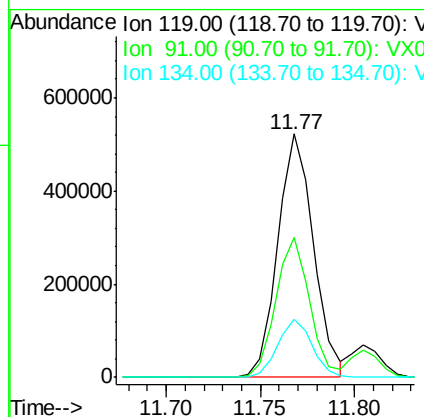
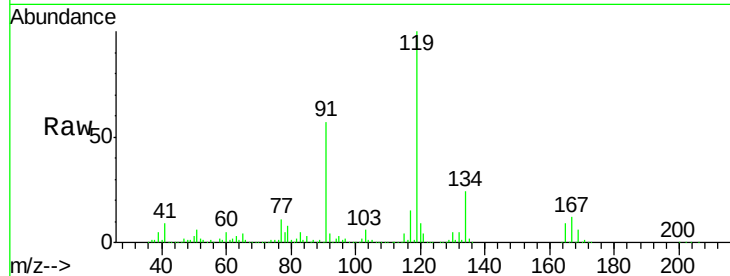
ClientSampleId :

ICVVX060719

Tot Ion:	119	Resp:	685079
Ion Ratio	Lower	Upper	
119	100		
91	54.5	30.0	90.0
134	22.8	11.2	33.5

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 50.179 ug/l

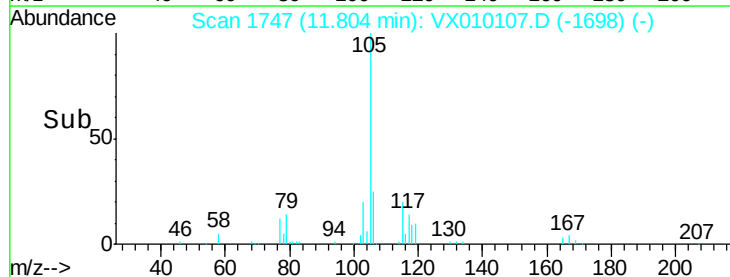
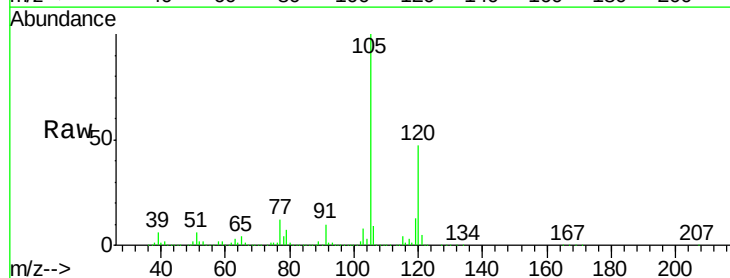
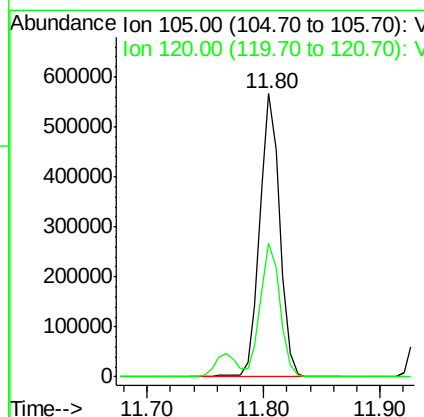
RT: 11.80 min Scan# 1747

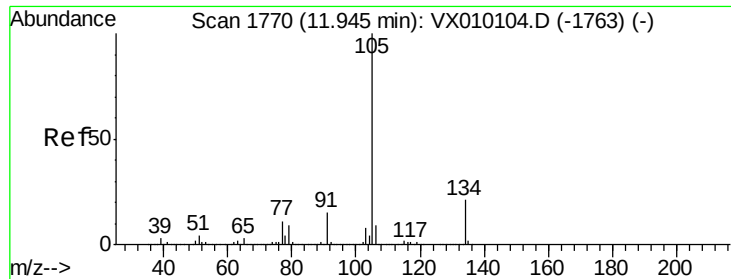
Delta R.T. -0.00 min

Lab File: VX010107.D

Acq: 07 Jun 2019 13:51

Tgt Ion:	105	Resp:	677061
Ion Ratio	Lower	Upper	
105	100		
120	45.9	22.1	66.1





#85

sec-Butylbenzene

Concen: 50.156 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX010107.D

Acq: 07 Jun 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

ICVVX060719

Tot Ion:105 Resp: 790029

Ion Ratio Lower Upper

105 100

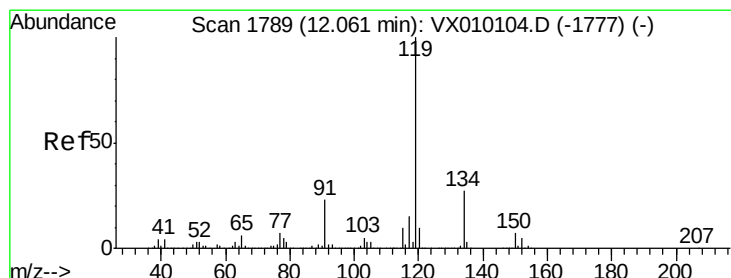
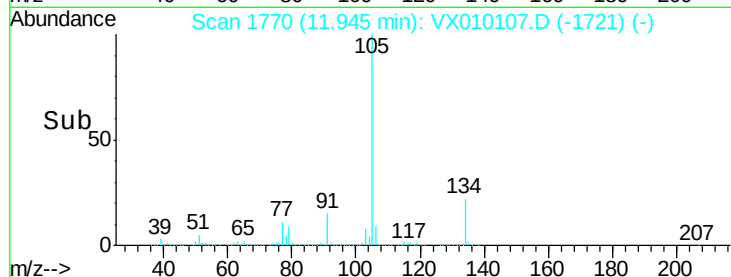
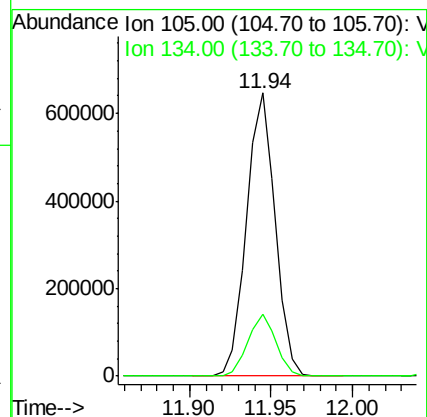
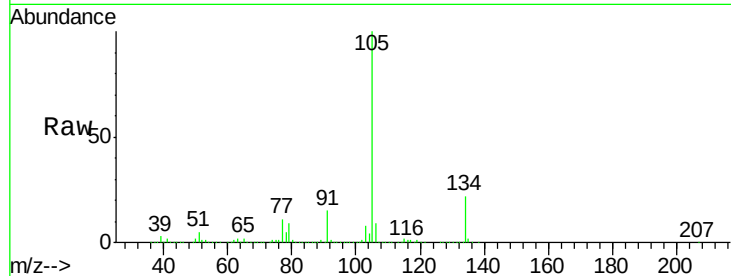
134 21.5 9.7 28.9

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#86

p-Isopropyltoluene

Concen: 50.149 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX010107.D

Acq: 07 Jun 2019 13:51

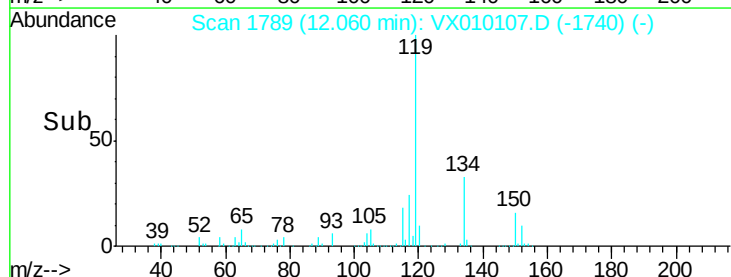
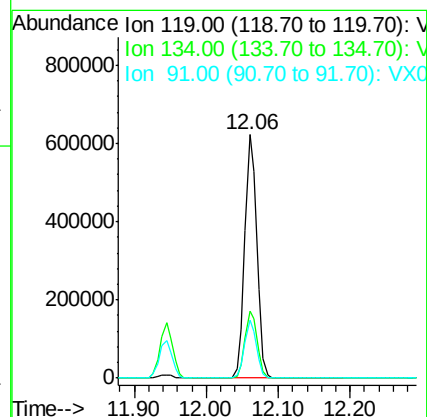
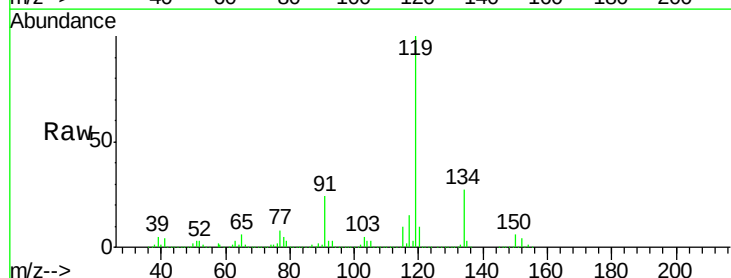
Tgt Ion:119 Resp: 722142

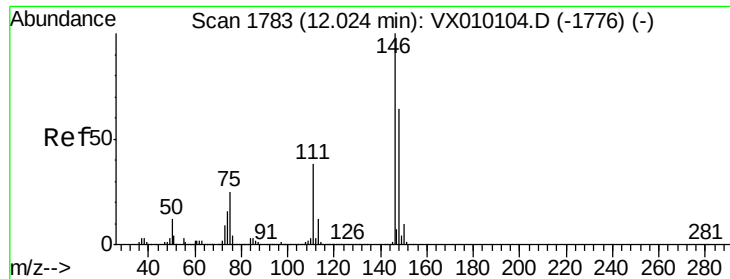
Ion Ratio Lower Upper

119 100

134 27.9 12.9 38.6

91 23.1 11.9 35.9





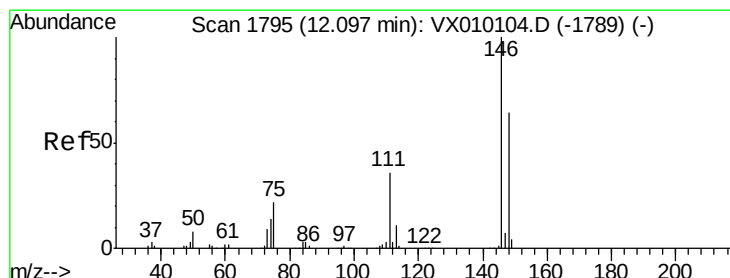
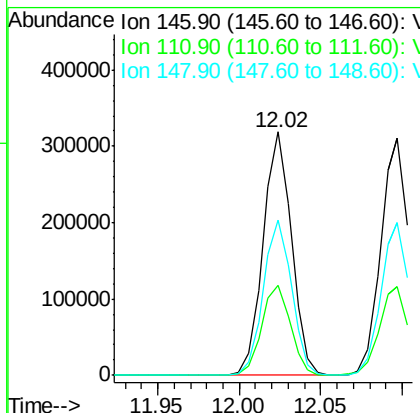
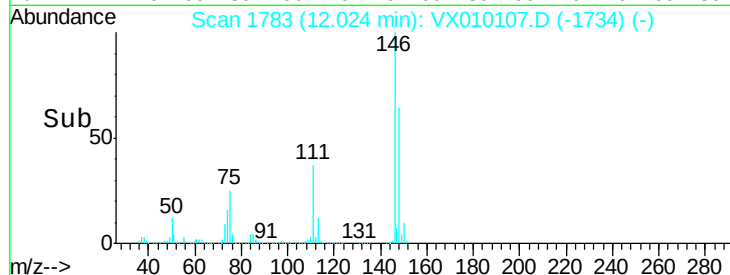
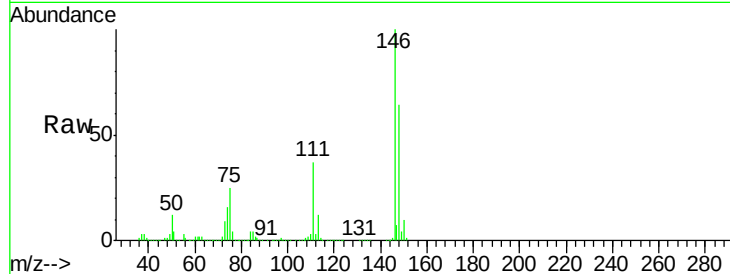
#87
 1,3-Dichlorobenzene
 Concen: 50.023 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX010107.D
 Acq: 07 Jun 2019 13:51

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX060719

Tot Ion	Ratio	Resp	Lower	Upper
146	100	384282		
111	38.0	20.1	60.2	
148	64.0	31.9	95.5	

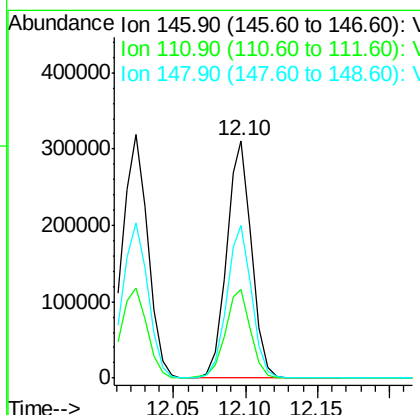
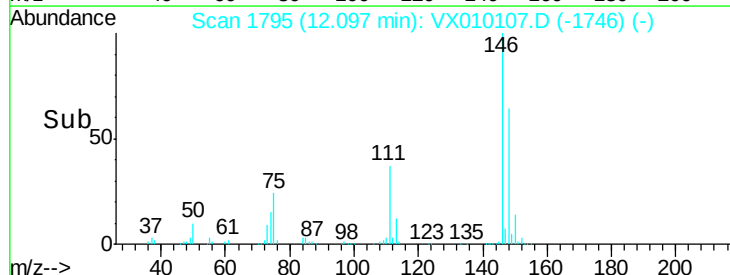
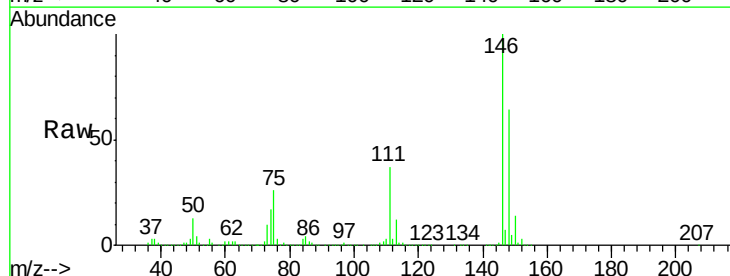
Manual Integrations
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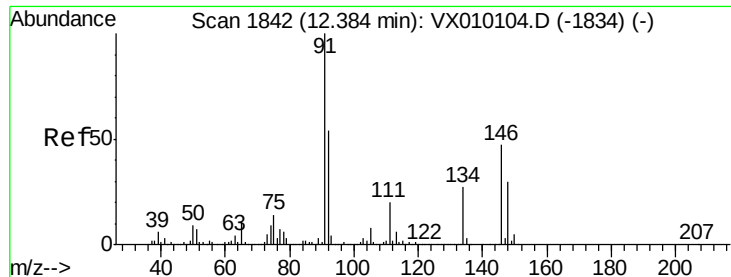
MMDadoda
 6/10/2019 10:53:50 AM



#88
 1,4-Dichlorobenzene
 Concen: 48.693 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX010107.D
 Acq: 07 Jun 2019 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	377081		
111	37.9	20.0	59.9	
148	64.1	32.3	96.9	





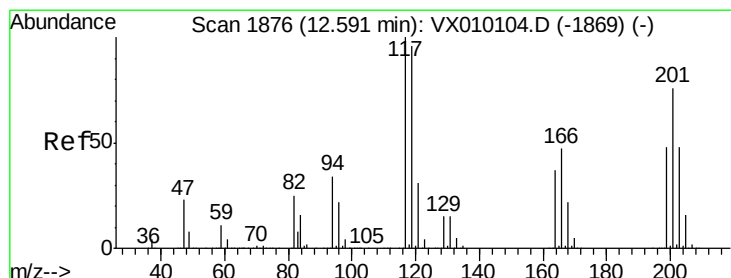
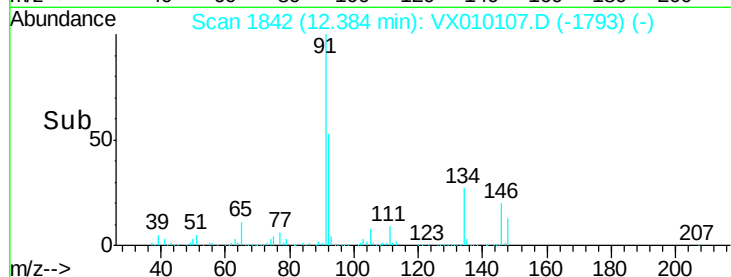
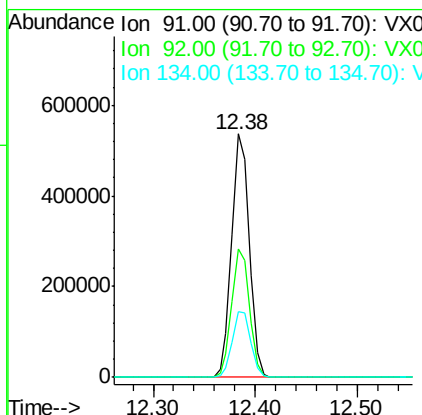
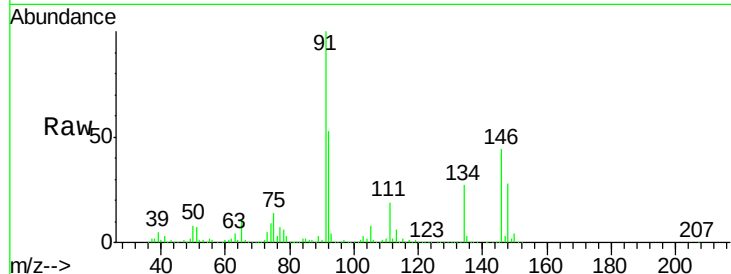
#89
n-Butylbenzene
Concen: 51.296 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX010107.D
Acq: 07 Jun 2019 13:51

Instrument :
MSVOA_X
ClientSampleId :
ICVVX060719

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.2	26.3	78.8
134	28.3	12.3	36.8

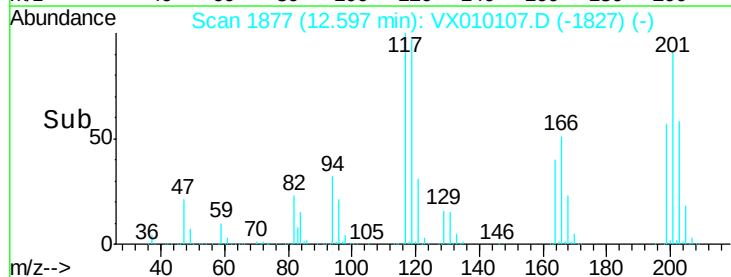
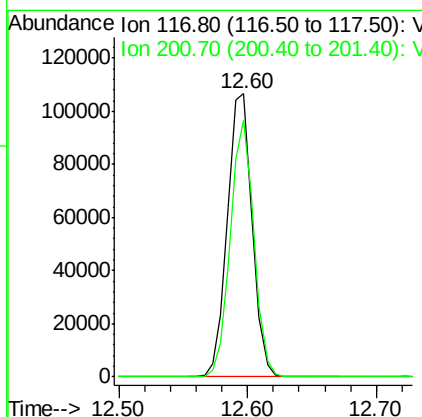
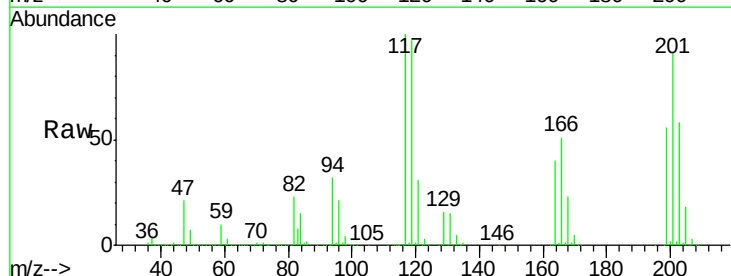
Manual Integrations
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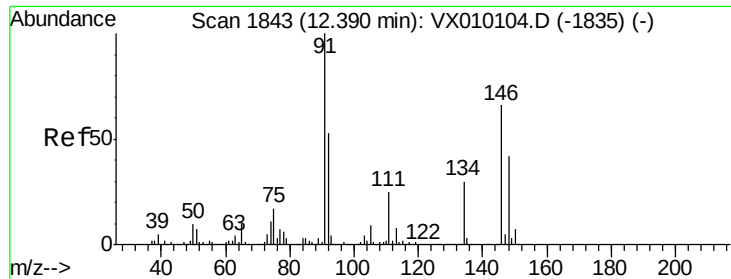
MMDadoda
6/10/2019 10:53:50 AM



#90
Hexachloroethane
Concen: 50.405 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.01 min
Lab File: VX010107.D
Acq: 07 Jun 2019 13:51

Tgt Ion	Ratio	Lower	Upper
117	100		
201	85.8	43.6	130.9





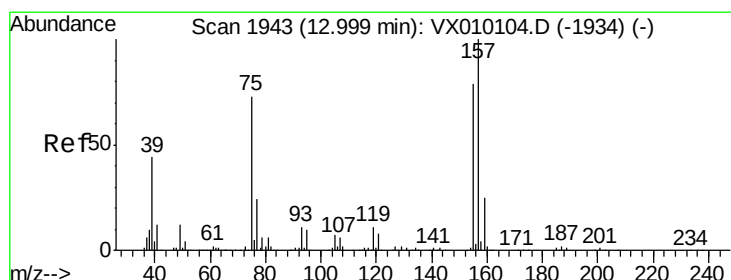
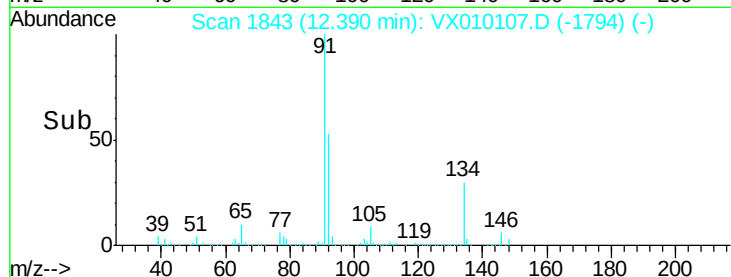
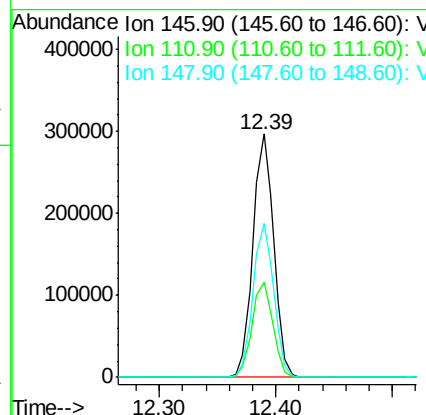
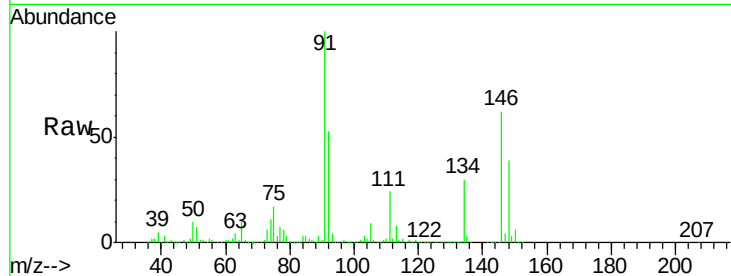
#91
 1,2-Dichlorobenzene
 Concen: 49.733 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX010107.D
 Acq: 07 Jun 2019 13:51

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX060719

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	21.1	63.1
148	63.4	32.3	96.8

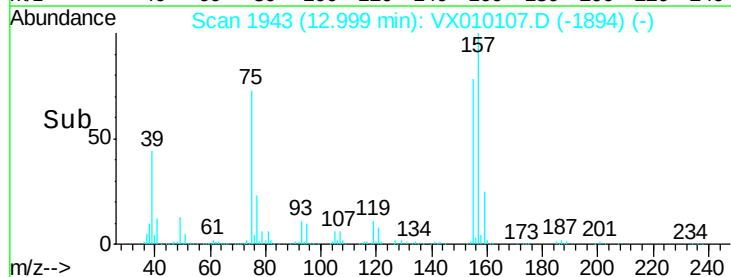
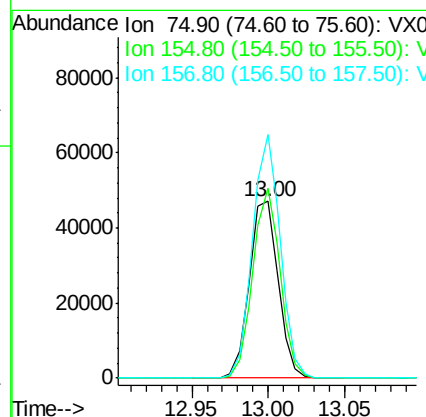
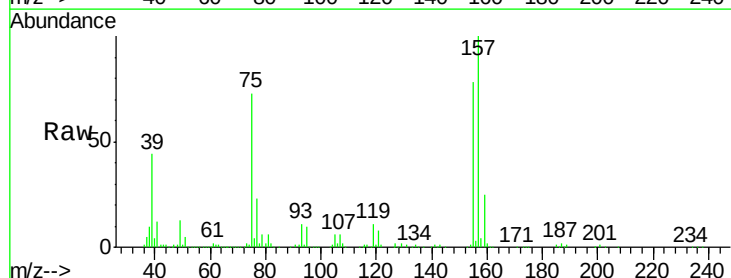
Manual Integrations
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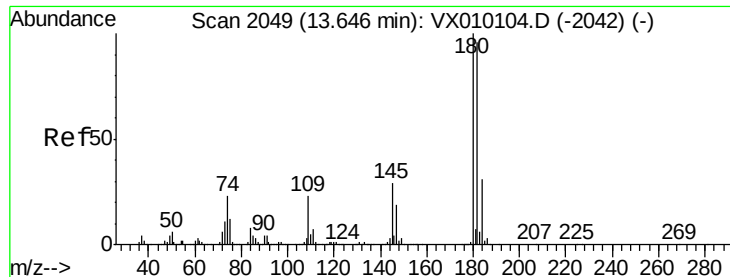
MMDadoda
 6/10/2019 10:53:50 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.423 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX010107.D
 Acq: 07 Jun 2019 13:51

Tgt Ion	Ratio	Lower	Upper
75	100		
155	101.4	39.3	117.8
157	132.5	50.6	151.8





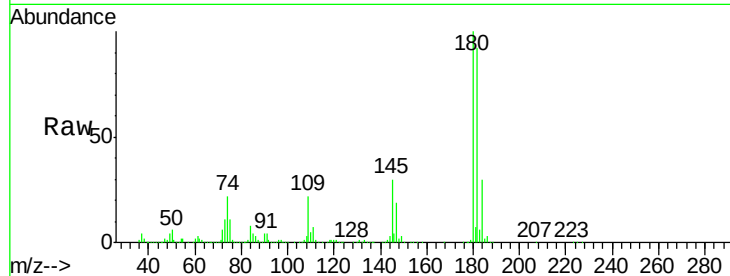
#93
1,2,4-Trichlorobenzene
Concen: 49.183 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. -0.00 min
Lab File: VX010107.D
Acq: 07 Jun 2019 13:51

Instrument :
MSVOA_X
ClientSampleId :
ICVVX060719

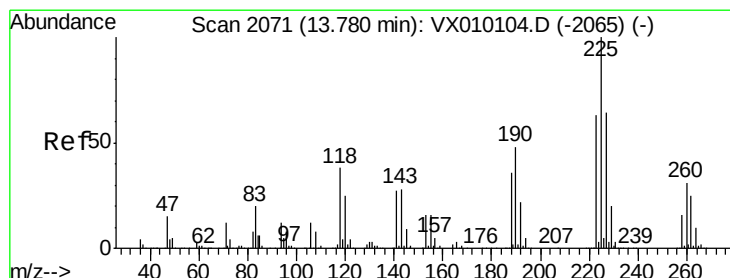
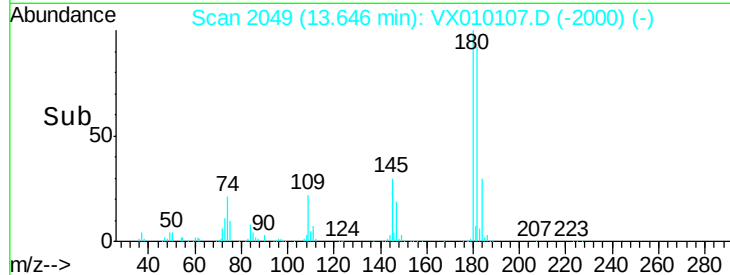
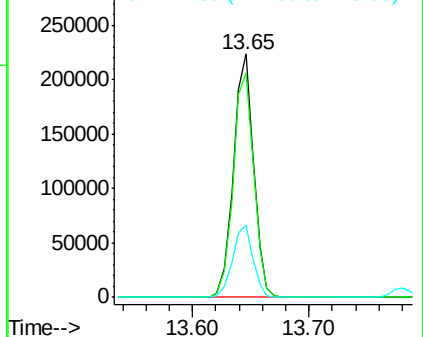
Tot Ion	Ratio	Resp	Lower	Upper
180	100	268874		
182	94.8	47.4	142.2	
145	30.0	14.5	43.5	

Manual Integrations
APPROVED

MMDadoda
6/10/2019 10:53:50 AM

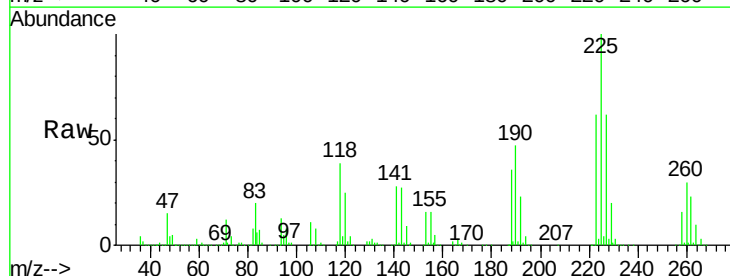


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

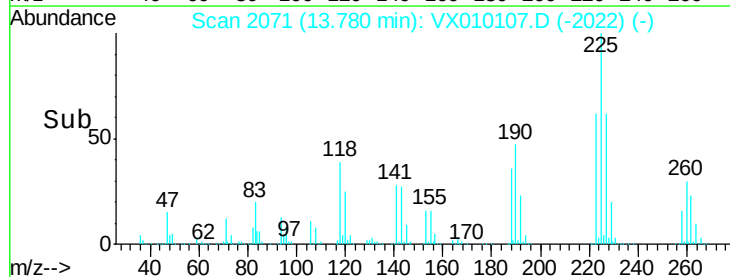
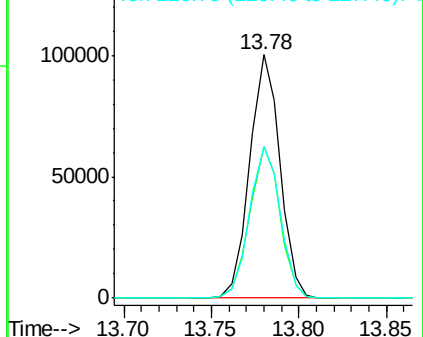


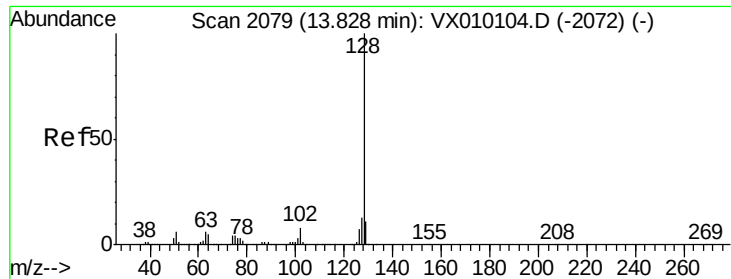
#94
Hexachlorobutadiene
Concen: 49.513 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. -0.00 min
Lab File: VX010107.D
Acq: 07 Jun 2019 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	120379		
223	62.4	31.3	93.8	
227	63.3	32.3	96.8	



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





#95

Naphthalene

Concen: 50.088 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.01 min

Lab File: VX010107.D

Acq: 07 Jun 2019 13:51

Instrument :

MSVOA_X

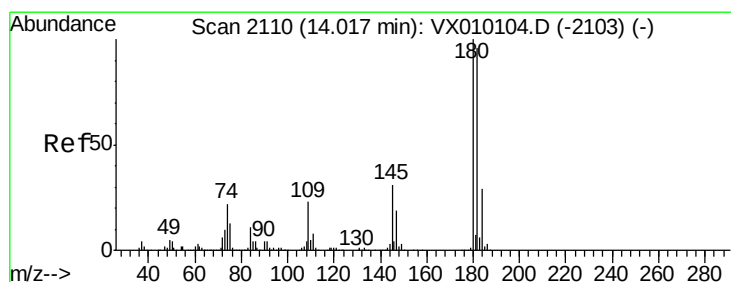
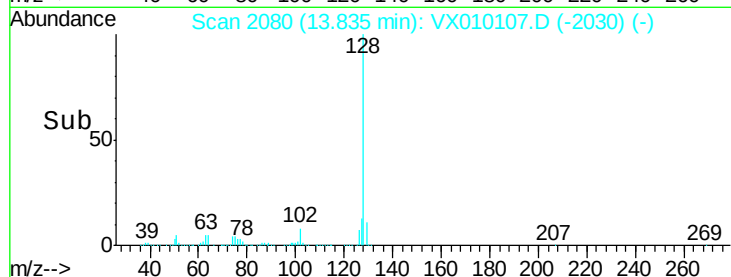
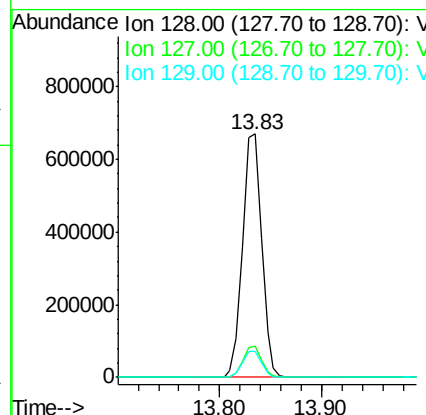
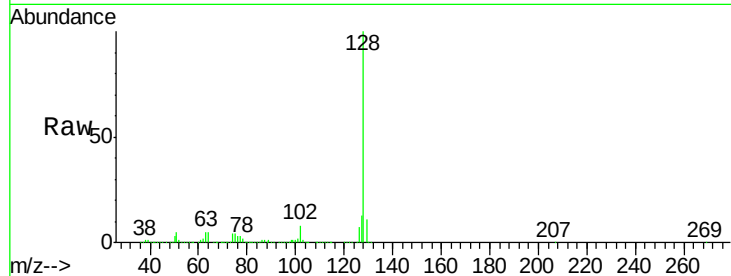
ClientSampleId :

ICVVX060719

Tot Ion:	128	Resp:	861966
Ion Ratio		Lower	Upper
128	100		
127	12.7	10.6	16.0
129	10.9	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
6/10/2019 10:53:50 AM



#96

1,2,3-Trichlorobenzene

Concen: 48.788 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX010107.D

Acq: 07 Jun 2019 13:51

Tgt Ion:	180	Resp:	263713
Ion Ratio		Lower	Upper
180	100		
182	97.8	47.3	142.0
145	32.0	15.6	46.7

