

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070319\
 Data File : VX010656.D
 Acq On : 03 Jul 2019 21:28
 Operator : JC/SP
 Sample : K3636-05MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SP19-JMW0991MS

Manual Integrations
 APPROVED

MMDadoda
 7/8/2019 2:40:50 PM

Quant Time: Jul 04 05:27:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	193222	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	306664	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	280276	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	142385	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	105167	58.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.10%	
35) Dibromofluoromethane	5.50	113	99174	52.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.72%	
50) Toluene-d8	8.71	98	341657	47.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.20%	
62) 4-Bromofluorobenzene	11.13	95	128831	49.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	75203	55.982	ug/l	98
3) Chloromethane	1.32	50	93384	59.699	ug/l	98
4) Vinyl Chloride	1.41	62	96524	56.338	ug/l	99
5) Bromomethane	1.64	94	48791	58.454	ug/l	99
6) Chloroethane	1.71	64	61903	61.241	ug/l	100
7) Trichlorofluoromethane	1.92	101	146770	54.039	ug/l	99
8) Diethyl Ether	2.19	74	65784	67.540	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	76158	46.271	ug/l	98
10) Methyl Iodide	2.51	142	121923	51.906	ug/l	98
11) Tert butyl alcohol	3.05	59	121261	255.798	ug/l	99
12) 1,1-Dichloroethene	2.37	96	88999	53.140	ug/l	98
13) Acrolein	2.29	56	87426	278.008	ug/l	98
14) Allyl chloride	2.73	41	134940	56.751	ug/l	98
15) Acrylonitrile	3.14	53	285555	304.247	ug/l	99
16) Acetone	2.45	43	233913	257.630	ug/l	97
17) Carbon Disulfide	2.57	76	230494	51.298	ug/l	100
18) Methyl Acetate	2.78	43	96628	53.398	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	312581	59.327	ug/l	98
20) Methylene Chloride	2.85	84	111940	59.909	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	99810	55.411	ug/l	97
22) Diisopropyl ether	3.86	45	297542	59.852	ug/l	# 87
23) Vinyl Acetate	3.81	43	1164358	271.116	ug/l	97
24) 1,1-Dichloroethane	3.70	63	170083	59.188	ug/l	99
25) 2-Butanone	4.68	43	385166	289.199	ug/l	100
26) 2,2-Dichloropropane	4.58	77	96120	38.505	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	118391	56.877	ug/l	99
28) Bromochloromethane	5.02	49	72600	52.842	ug/l	95
29) Tetrahydrofuran	5.13	42	255125	309.261	ug/l	98
30) Chloroform	5.21	83	178922	57.869	ug/l	99
31) Cyclohexane	5.58	56	119677	45.734	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	146964	53.832	ug/l	99
36) 1,1-Dichloropropene	5.80	75	116815	47.935	ug/l	99
37) Ethyl Acetate	4.84	43	133128	53.102	ug/l	98
38) Carbon Tetrachloride	5.79	117	122149	46.289	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	128182	40.016	ug/l	98
40) Benzene	6.14	78	408883	53.856	ug/l	99
41) Methacrylonitrile	5.04	41	79522	57.811	ug/l	98
42) 1,2-Dichloroethane	6.20	62	138808	60.062	ug/l	98
43) Isopropyl Acetate	6.45	43	218419	52.659	ug/l	99
44) Trichloroethene	7.21	130	111305	48.995	ug/l	100
45) 1,2-Dichloropropane	7.51	63	102705	53.569	ug/l	99
46) Dibromomethane	7.66	93	77007	55.982	ug/l	95
47) Bromodichloromethane	7.90	83	135014	53.558	ug/l	98
48) Methyl methacrylate	7.77	41	112704	58.458	ug/l	98
49) 1,4-Dioxane	7.74	88	57814	1040.955	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	780550	294.239	ug/l	98
52) Toluene	8.78	92	252848	50.572	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	140863	49.840	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	154061	50.160	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	113209	54.903	ug/l	99
56) Ethyl methacrylate	9.18	69	175881	56.306	ug/l	97
57) 1,3-Dichloropropane	9.37	76	177568	55.476	ug/l	99
59) 2-Hexanone	9.49	43	603300	288.961	ug/l	97
60) Dibromochloromethane	9.58	129	118811	51.461	ug/l	98
61) 1,2-Dibromoethane	9.67	107	122961	55.247	ug/l	99
64) Tetrachloroethene	9.34	164	95712	42.221	ug/l	98
65) Chlorobenzene	10.14	112	285559	50.185	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	107881	52.050	ug/l	99
67) Ethyl Benzene	10.25	91	472591	49.196	ug/l	98
68) m/p-Xylenes	10.36	106	363530	97.666	ug/l	98
69) o-Xylene	10.70	106	182563	49.875	ug/l	98
70) Stvrene	10.71	104	319530	52.052	ug/l	99
71) Bromoform	10.85	173	90071	49.972	ug/l #	98
73) Isopropylbenzene	11.02	105	454958	47.136	ug/l	99
74) N-amyl acetate	10.90	43	184671	50.627	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	177706	55.594	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	143755m	55.405	ug/l	
77) Bromobenzene	11.26	156	137018	50.840	ug/l	99
78) n-propylbenzene	11.36	91	505101	47.615	ug/l	99
79) 2-Chlorotoluene	11.42	91	311102	49.250	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	388500	48.826	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	47746	42.930	ug/l	89
82) 4-Chlorotoluene	11.51	91	360104	50.099	ug/l	100
83) tert-Butylbenzene	11.77	119	382438	47.887	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	399130	49.928	ug/l	99
85) sec-Butylbenzene	11.94	105	429551	45.810	ug/l	99
86) p-Isopropyltoluene	12.06	119	402333	46.387	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	229392	48.760	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	231618	48.361	ug/l	100
89) n-Butylbenzene	12.38	91	331782	45.017	ug/l	99
90) Hexachloroethane	12.60	117	66981	44.662	ug/l	93
91) 1,2-Dichlorobenzene	12.39	146	233483	49.936	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	36455	52.897	ug/l	92
93) 1,2,4-Trichlorobenzene	13.65	180	153661	47.390	ug/l	99

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Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	65650	41.427	ug/l	99
95) Naphthalene	13.83	128	521752	52.362	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	157324	48.800	ug/l	99

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

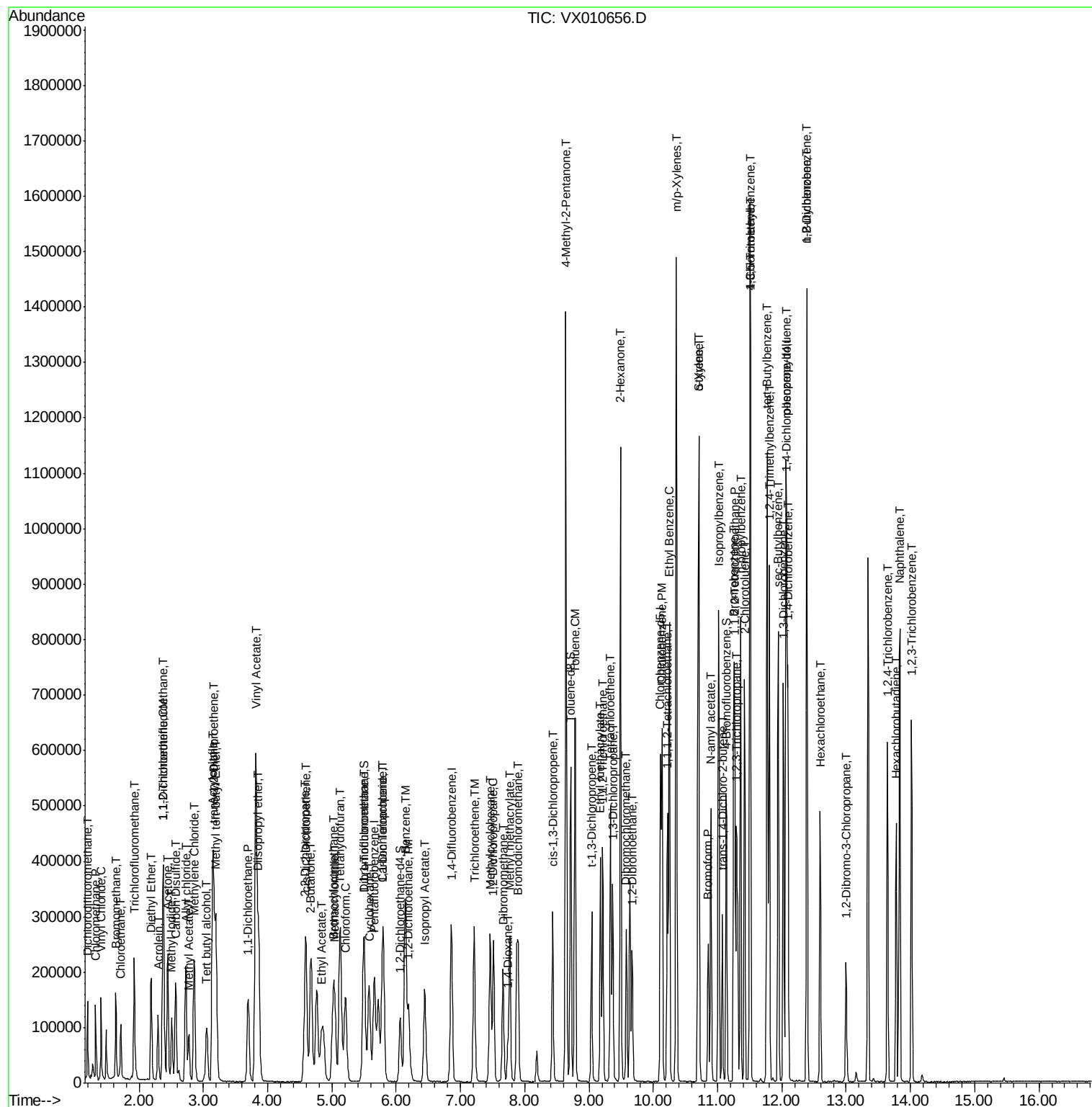
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX070319\
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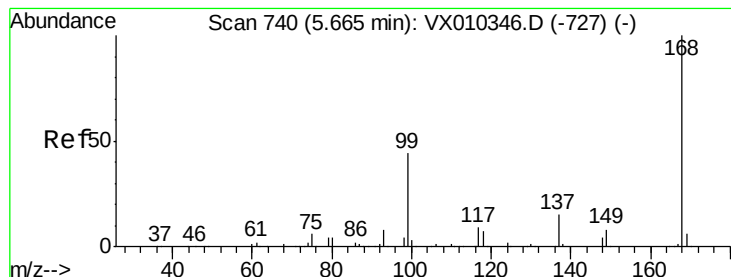
Instrument :
MSVOA_X
ClientSampleId :
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010656.D

Acq: 03 Jul 2019 21:28

Instrument :

MSVOA_X

ClientSampleId :

SP19-JMW0991MS

Tot Ion:168 Resp: 193222

Ion Ratio Lower Upper

168 100

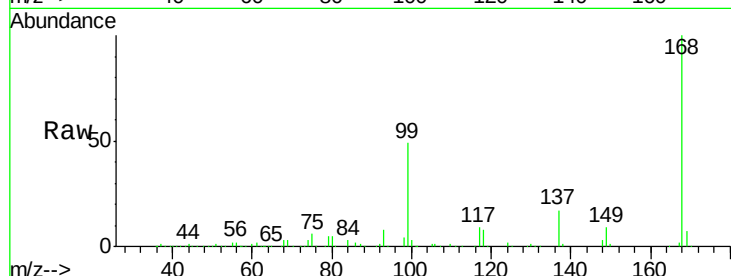
99 48.7 35.5 53.3

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

80000

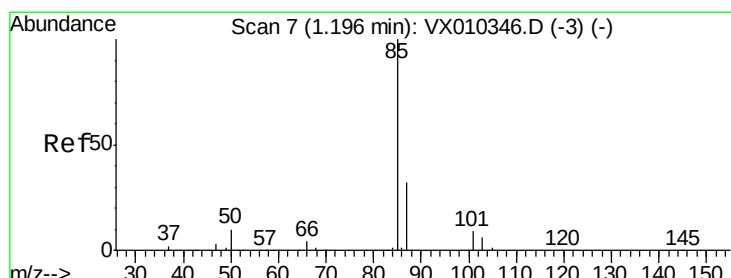
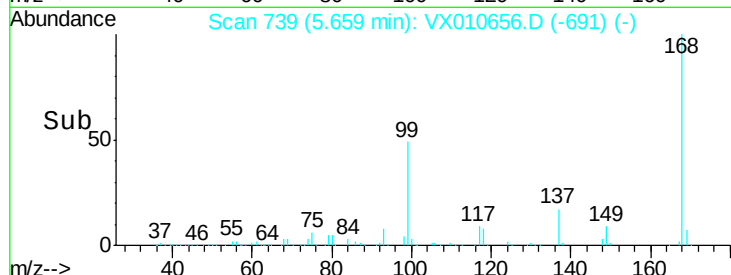
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 55.982 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010656.D

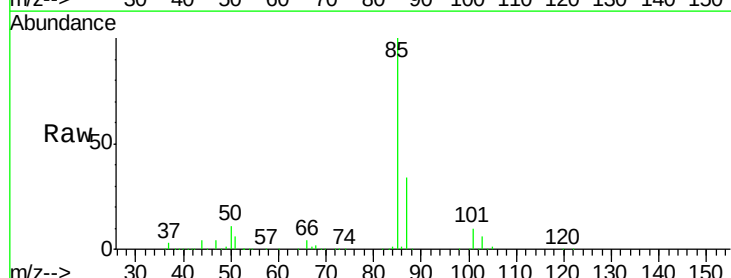
Acq: 03 Jul 2019 21:28

Tgt Ion: 85 Resp: 75203

Ion Ratio Lower Upper

85 100

87 33.5 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

80000

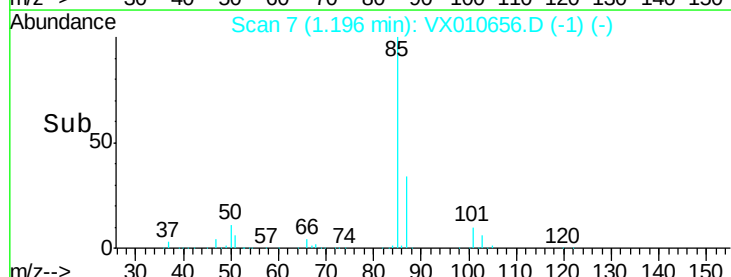
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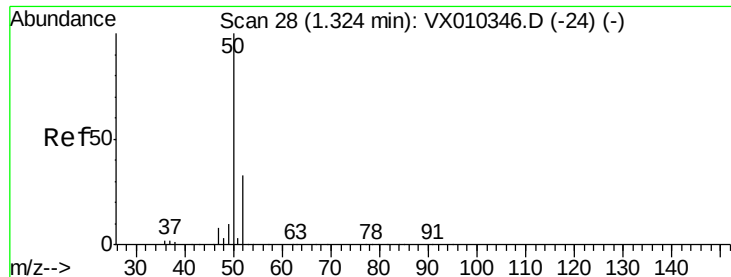
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20000

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Time-->





#3

Chloromethane

Concen: 59.699 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010656.D

Acq: 03 Jul 2019 21:28

Instrument :

MSVOA_X

ClientSampleId :

SP19-JMW0991MS

Tot Ion: 50 Resp: 93384

Ion Ratio Lower Upper

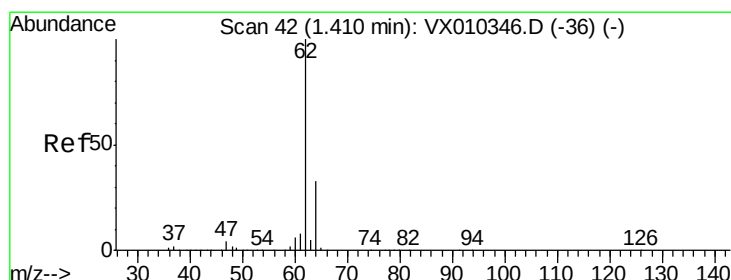
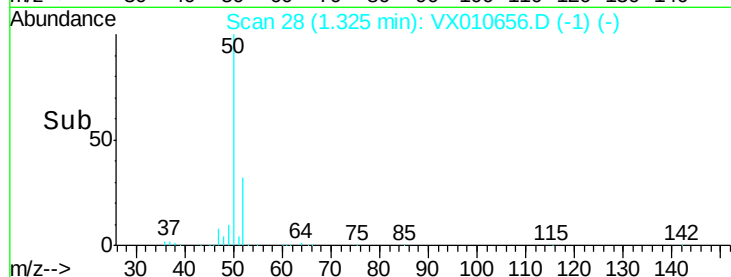
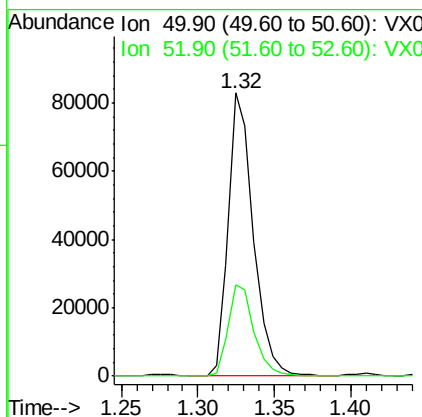
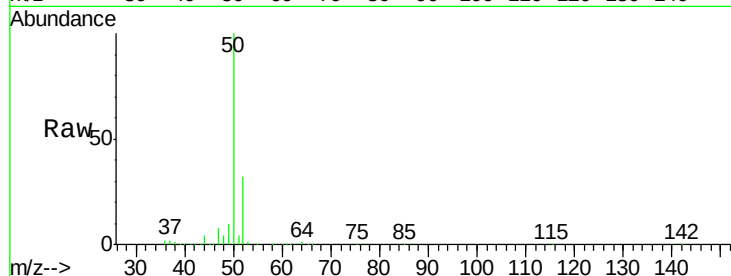
50 100

52 32.2 26.5 39.7

Manual Integrations
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#4

Vinyl Chloride

Concen: 56.338 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010656.D

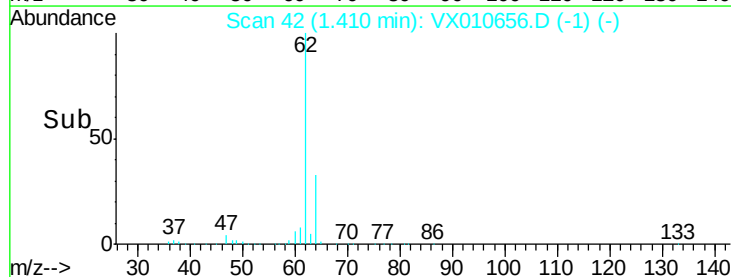
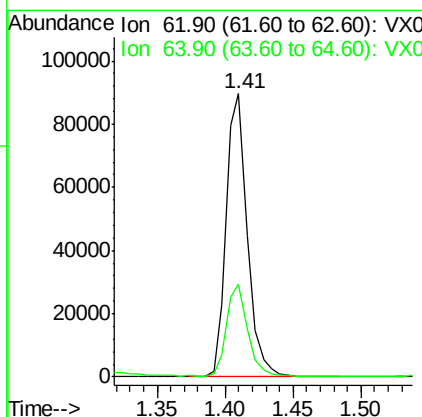
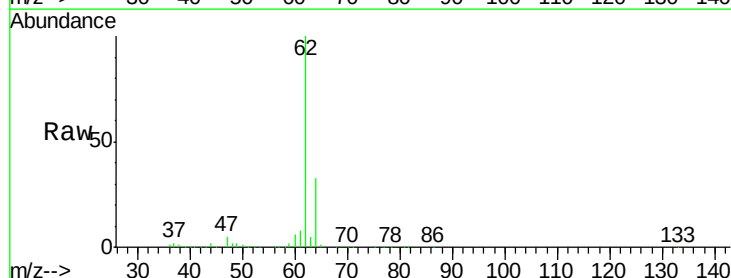
Acq: 03 Jul 2019 21:28

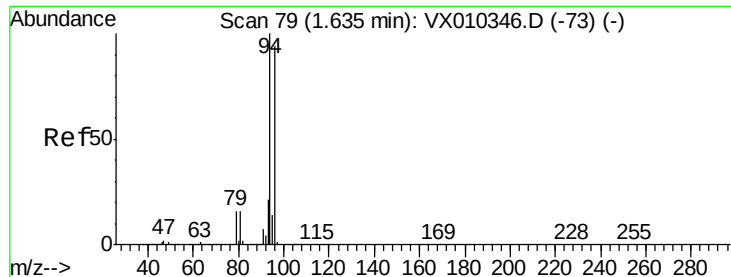
Tgt Ion: 62 Resp: 96524

Ion Ratio Lower Upper

62 100

64 32.3 26.2 39.4





#5

Bromomethane

Concen: 58.454 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010656.D

Acq: 03 Jul 2019 21:28

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 48791

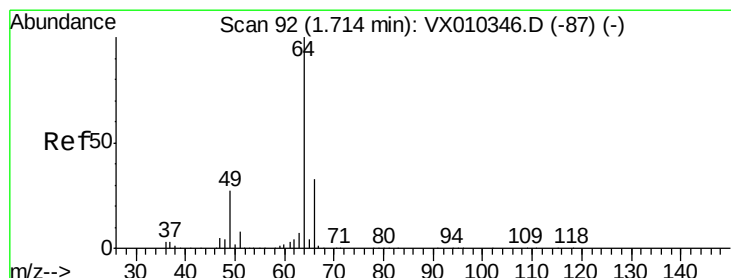
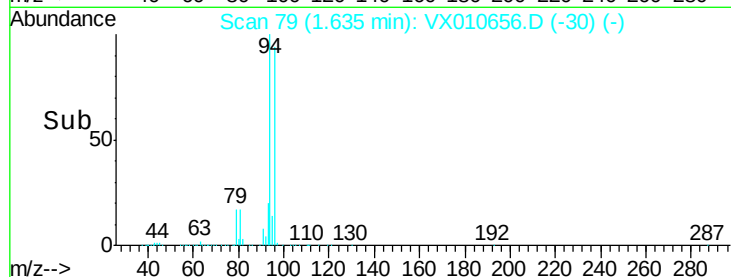
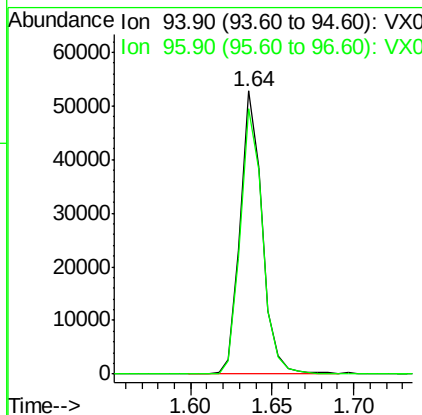
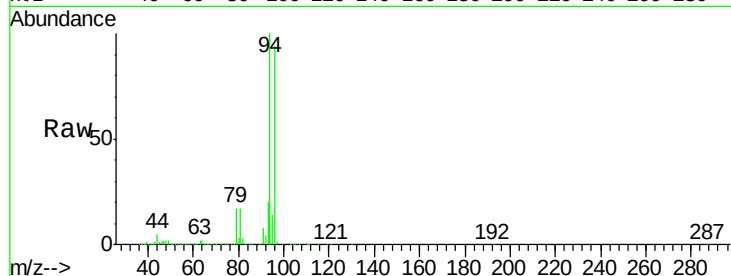
Ion Ratio Lower Upper

94 100

96 93.8 75.5 113.3

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#6

Chloroethane

Concen: 61.241 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010656.D

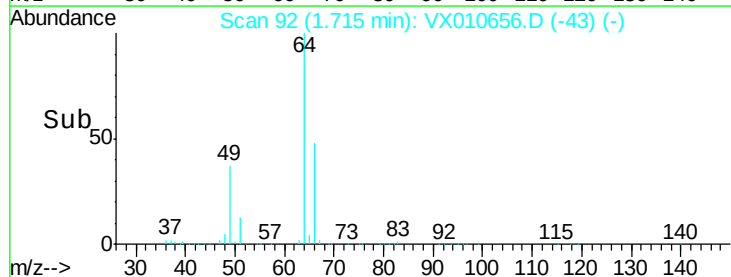
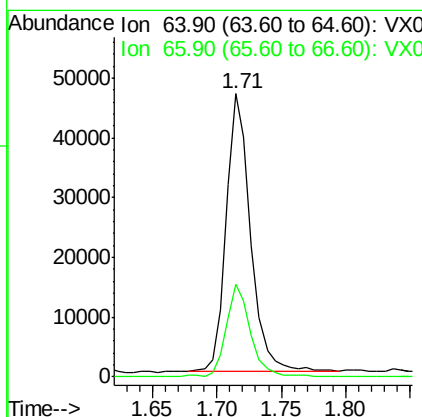
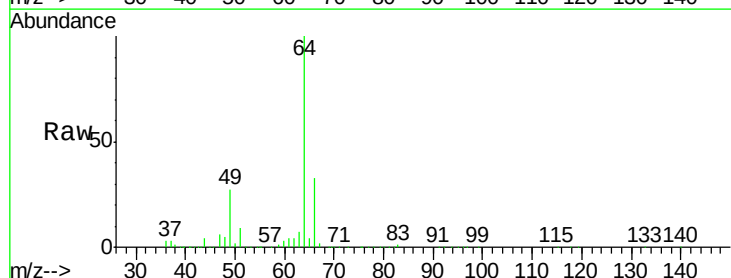
Acq: 03 Jul 2019 21:28

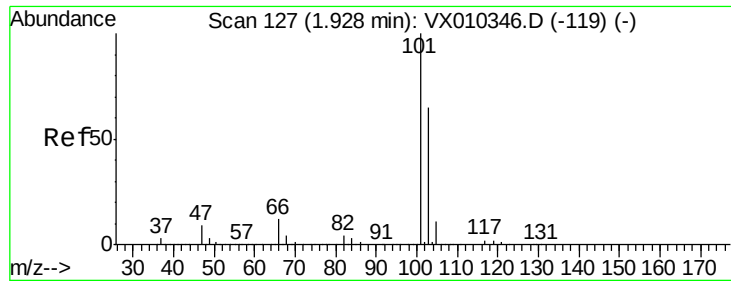
Tgt Ion: 64 Resp: 61903

Ion Ratio Lower Upper

64 100

66 33.1 26.6 40.0





#7

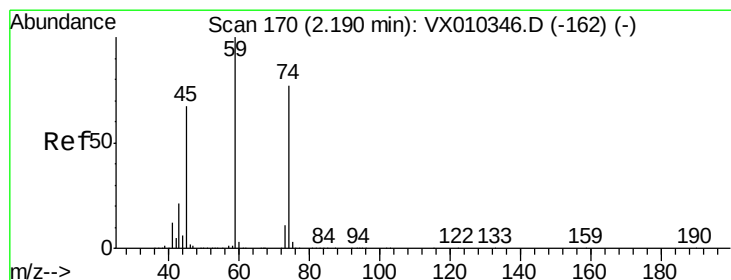
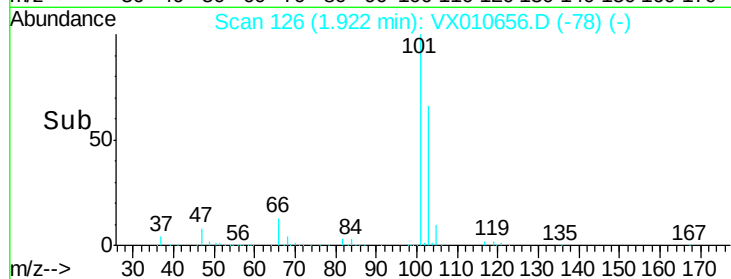
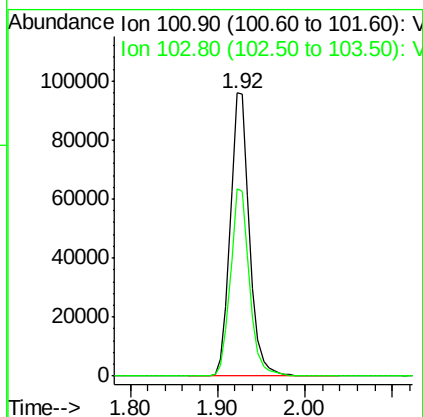
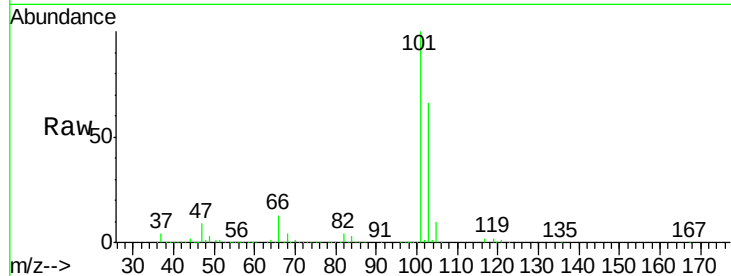
Trichlorofluoromethane
Concen: 54.039 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.01 min
Lab File: VX010656.D
Acq: 03 Jul 2019 21:28

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	146770		
103	66.1	52.3	78.5	

Manual Integrations
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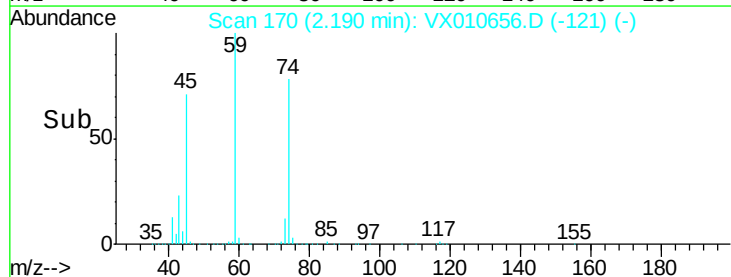
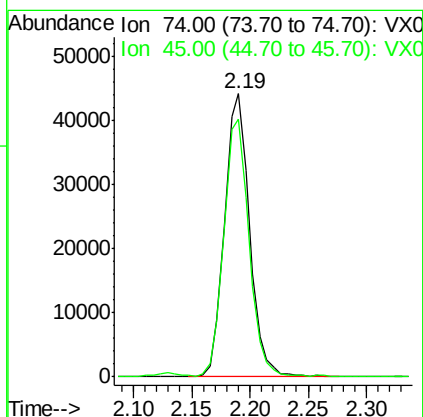
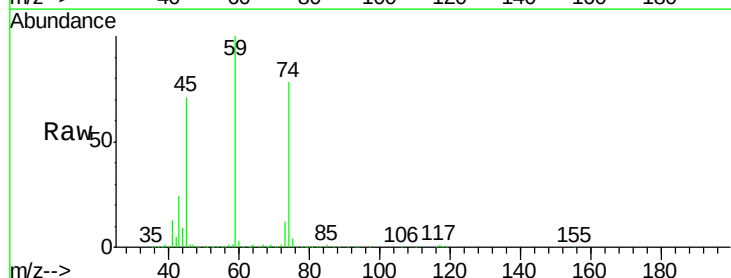
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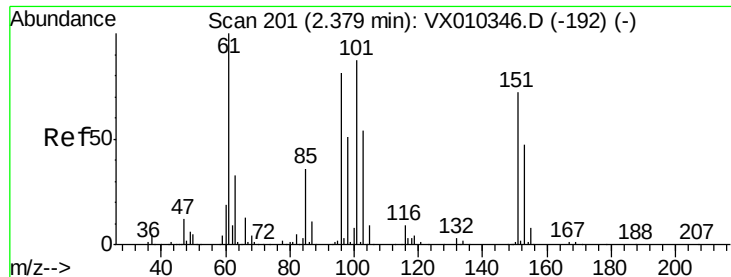


#8

Diethyl Ether
Concen: 67.540 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX010656.D
Acq: 03 Jul 2019 21:28

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	65784		
45	90.4	44.8	134.4	





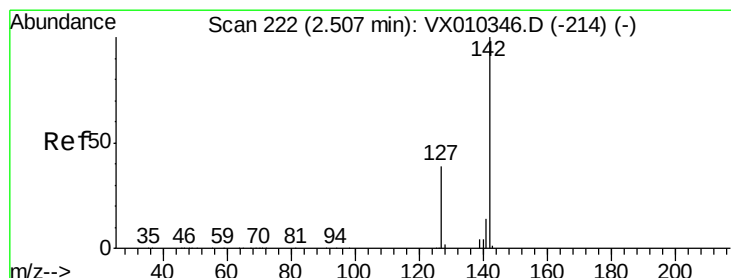
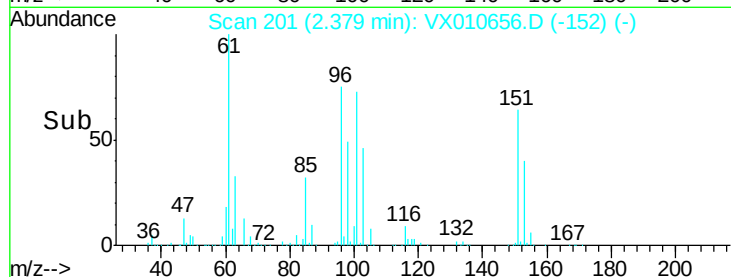
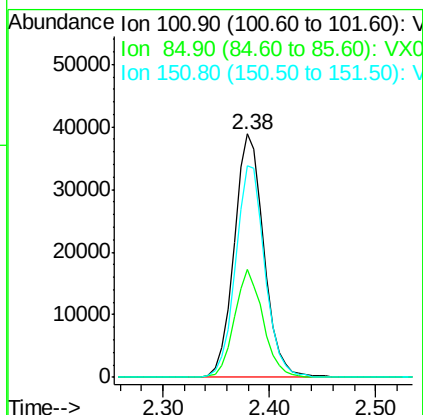
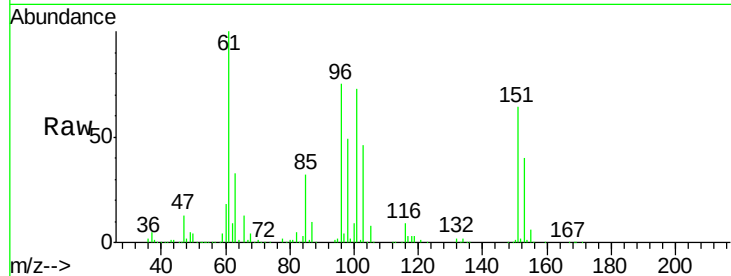
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 46.271 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. 0.00 min
 Lab File: VX010656.D
 Acq: 03 Jul 2019 21:28

Instrument :
 MSVOA_X
 ClientSampleId :
 SP19-JMW0991MS

Tot Ion	Ratio	Lower	Upper
101	100		
85	42.8	33.7	50.5
151	86.0	70.1	105.1

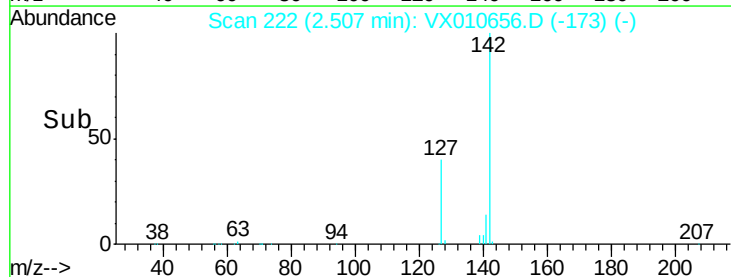
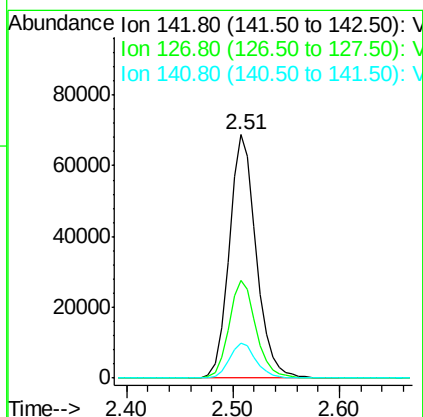
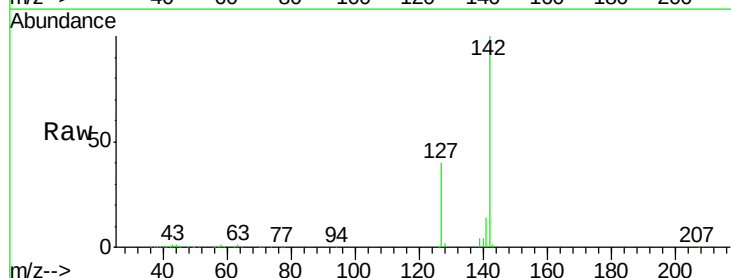
Manual Integrations
 APPROVED

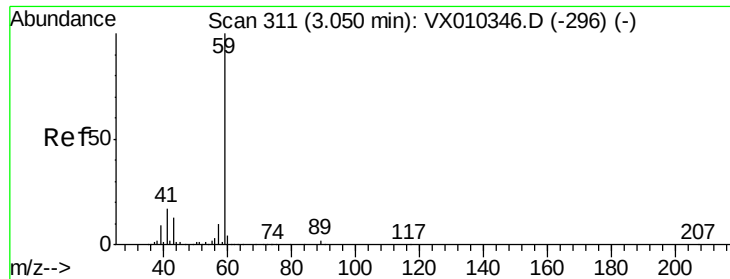
MMDadoda
 7/8/2019 2:40:50 PM



#10
 Methyl Iodide
 Concen: 51.906 ug/l
 RT: 2.51 min Scan# 222
 Delta R.T. 0.00 min
 Lab File: VX010656.D
 Acq: 03 Jul 2019 21:28

Tgt Ion	Ratio	Lower	Upper
142	100		
127	40.0	31.1	46.7
141	14.4	11.2	16.8





#11

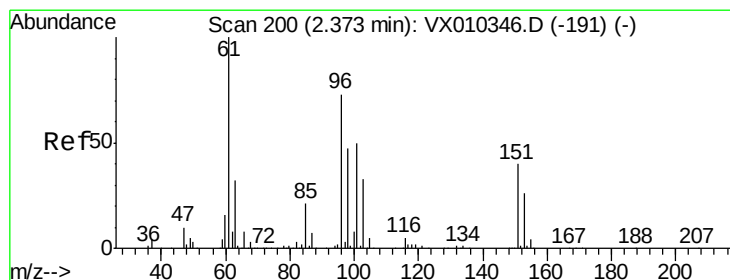
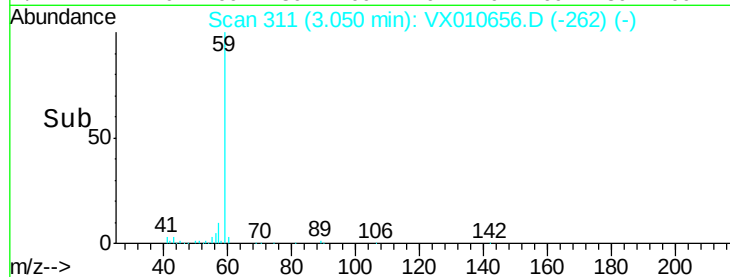
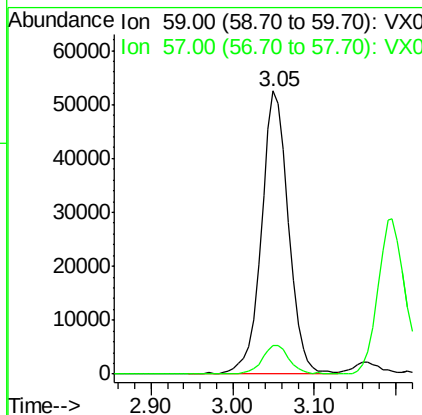
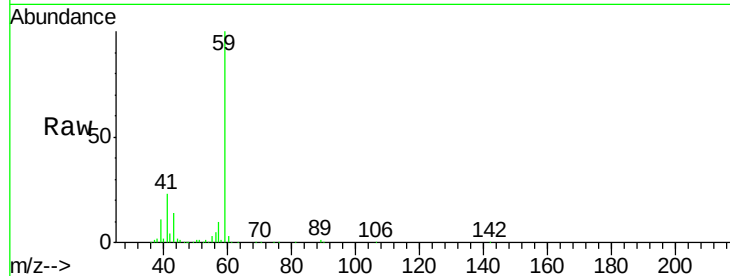
Tert butyl alcohol
Concen: 255.798 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.00 min
Lab File: VX010656.D
Acq: 03 Jul 2019 21:28

Instrument :
MSVOA_X
ClientSampleId :
SP19-JMW0991MS

Tot Ion	59	Resp	121261
Ion Ratio	100	Lower	Upper
57	10.1	7.7	11.5

Manual Integrations
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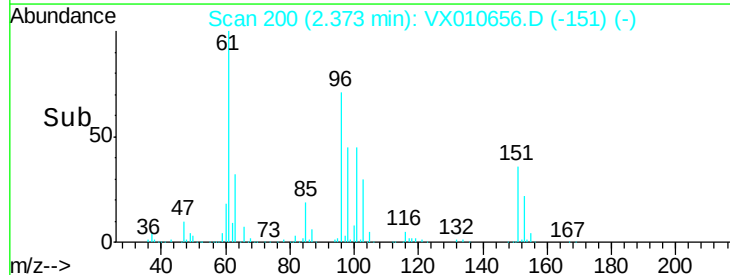
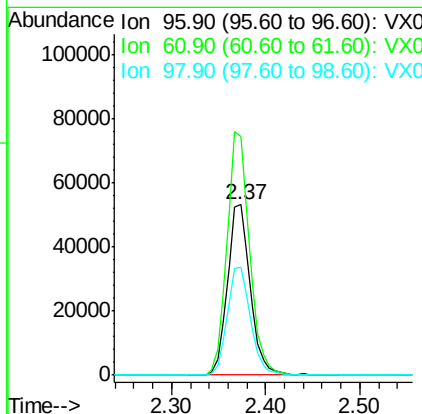
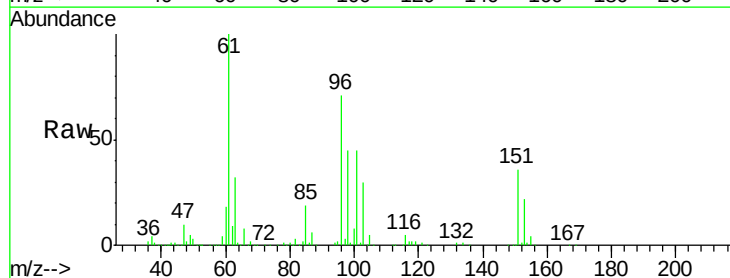
MMDadoda
7/8/2019 2:40:50 PM

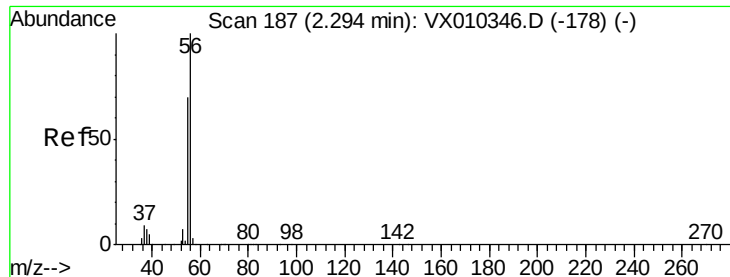


#12

1,1-Dichloroethene
Concen: 53.140 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX010656.D
Acq: 03 Jul 2019 21:28

Tgt Ion	96	Resp	88999
Ion Ratio	100	Lower	Upper
61	140.2	109.2	163.8
98	63.3	51.1	76.7





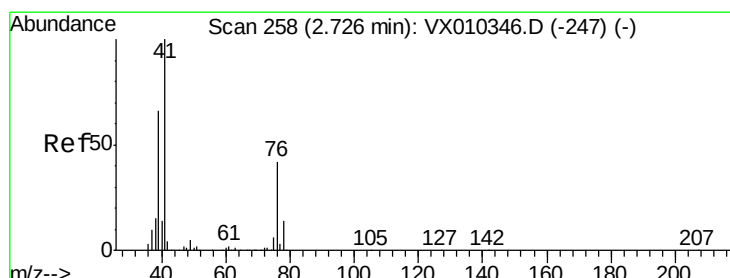
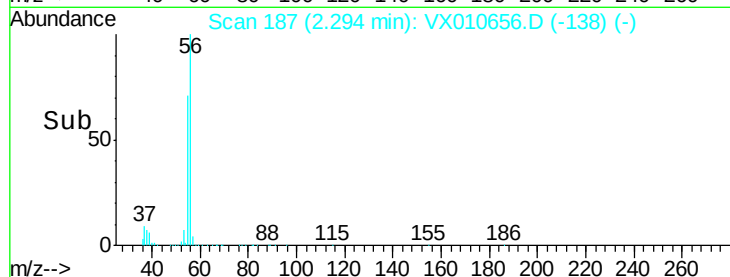
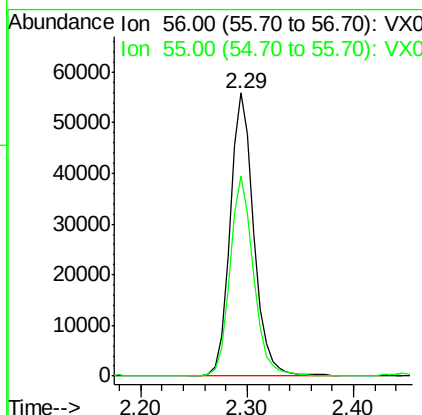
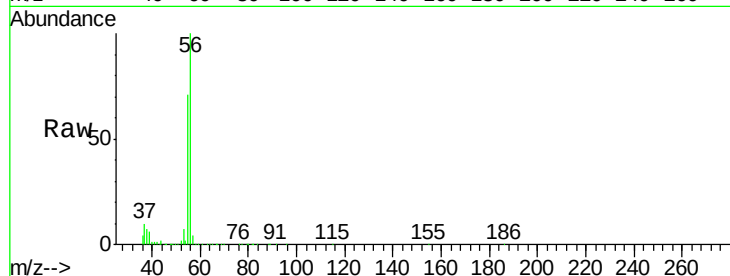
#13
Acrolein
Concen: 278.008 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX010656.D
Acq: 03 Jul 2019 21:28

Instrument :
MSVOA_X
ClientSampleId :
SP19-JMW0991MS

Tot Ion	Ratio	Lower	Upper
56	100		
55	69.7	56.9	85.3

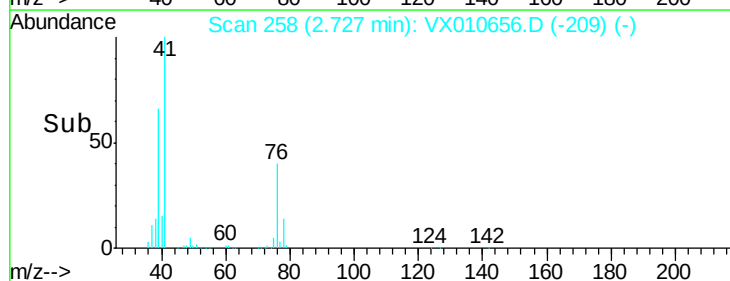
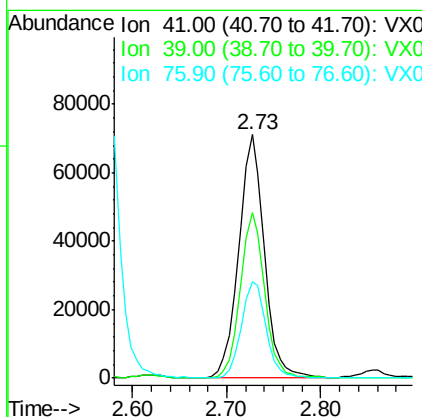
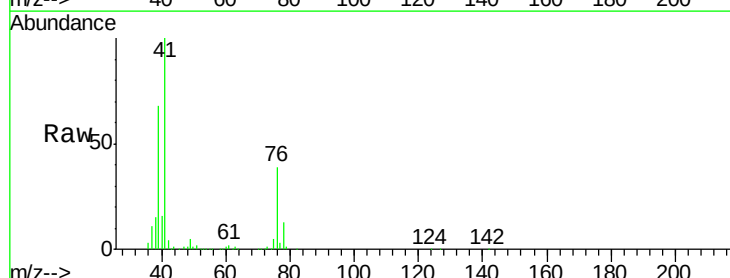
Manual Integrations
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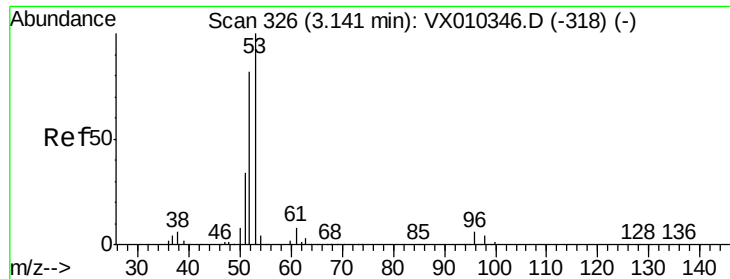
MMDadoda
7/8/2019 2:40:50 PM



#14
Allyl chloride
Concen: 56.751 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.00 min
Lab File: VX010656.D
Acq: 03 Jul 2019 21:28

Tgt Ion	Ratio	Lower	Upper
41	100		
39	64.5	50.3	75.5
76	37.9	31.3	46.9





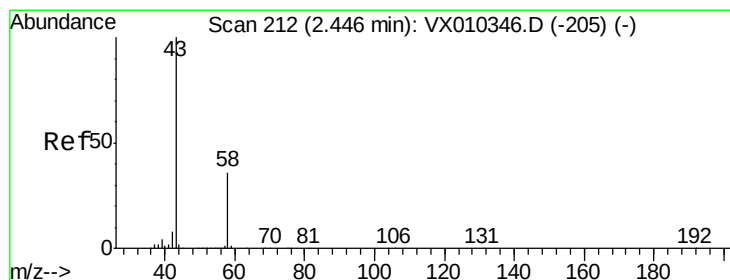
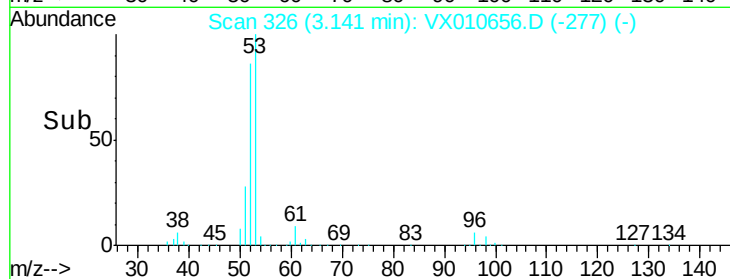
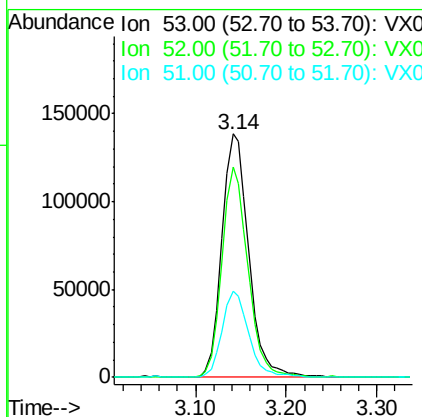
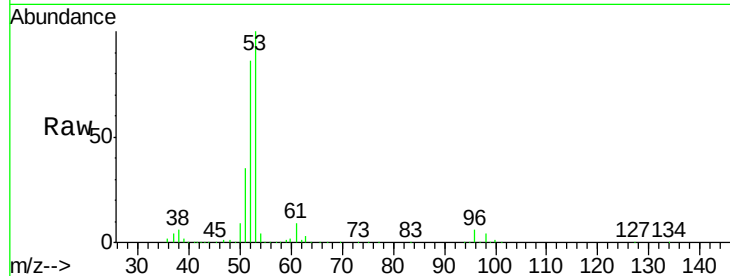
#15
 Acrylonitrile
 Concen: 304.247 ug/l
 RT: 3.14 min Scan# 326
 Delta R.T. 0.00 min
 Lab File: VX010656.D
 Acq: 03 Jul 2019 21:28

Instrument :
 MSVOA_X
 ClientSampleId :
 SP19-JMW0991MS

Tot Ion	Ratio	Lower	Upper
53	100		
52	83.5	65.5	98.3
51	35.5	28.2	42.4

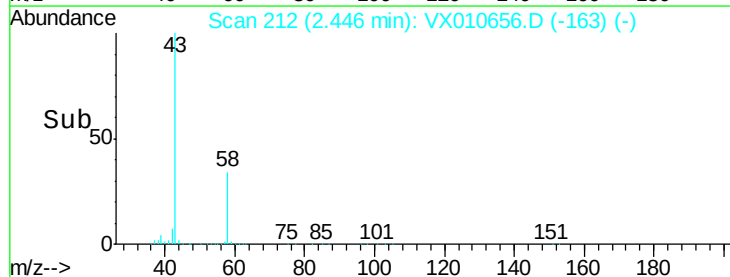
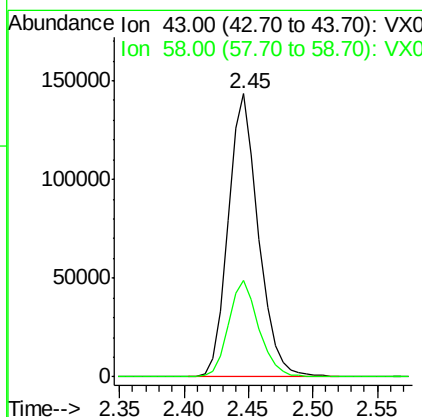
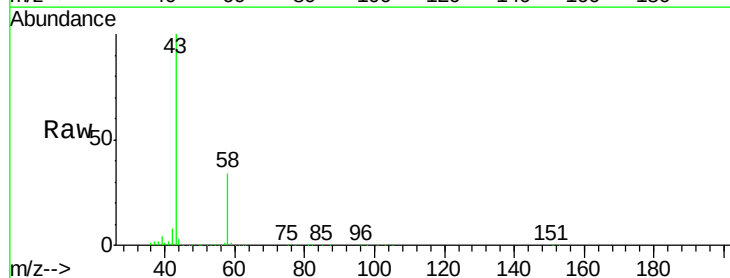
Manual Integrations
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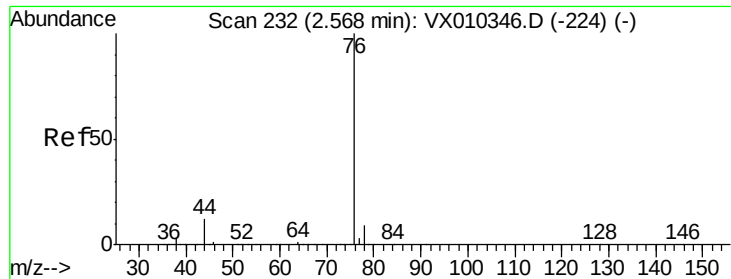
MMDadoda
 7/8/2019 2:40:50 PM



#16
 Acetone
 Concen: 257.630 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX010656.D
 Acq: 03 Jul 2019 21:28

Tgt Ion	Ratio	Lower	Upper
43	100		
58	34.1	28.9	43.3





#17

Carbon Disulfide

Concen: 51.298 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX010656.D

Acq: 03 Jul 2019 21:28

Instrument :

MSVOA_X

ClientSampleId :

SP19-JMW0991MS

Tot Ion: 76 Resp: 230494

Ion Ratio Lower Upper

76 100

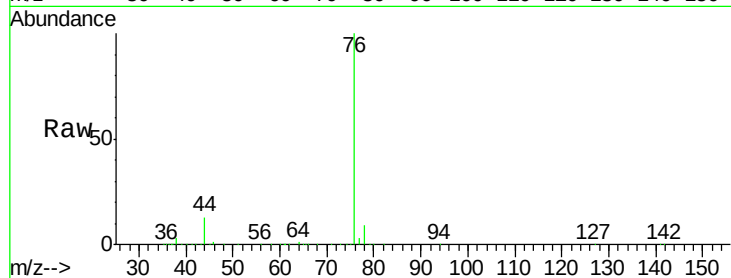
78 9.0 7.3 10.9

Manual Integrations

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MMDadoda

7/8/2019 2:40:50 PM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

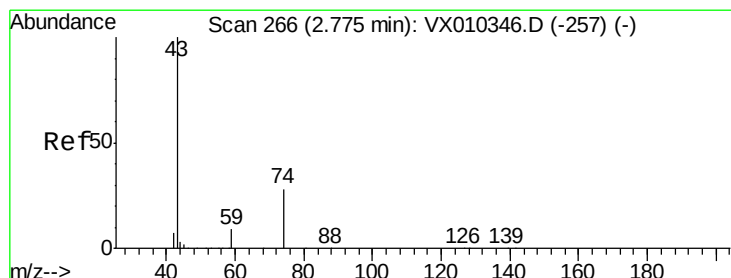
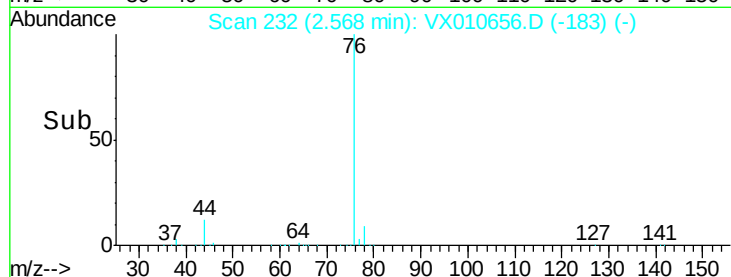
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 53.398 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX010656.D

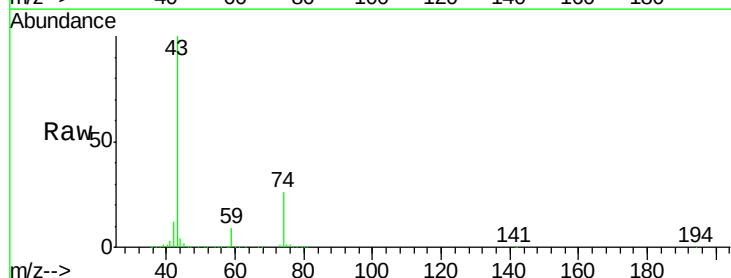
Acq: 03 Jul 2019 21:28

Tgt Ion: 43 Resp: 96628

Ion Ratio Lower Upper

43 100

74 25.4 21.3 31.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

60000

50000

40000

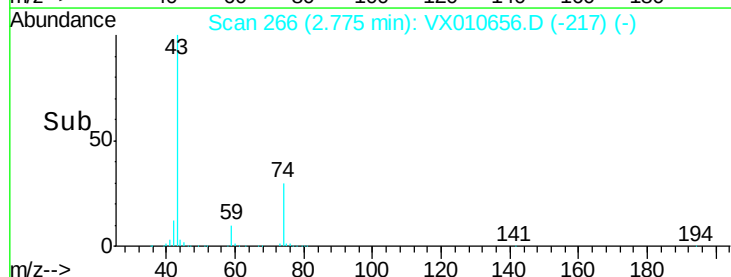
30000

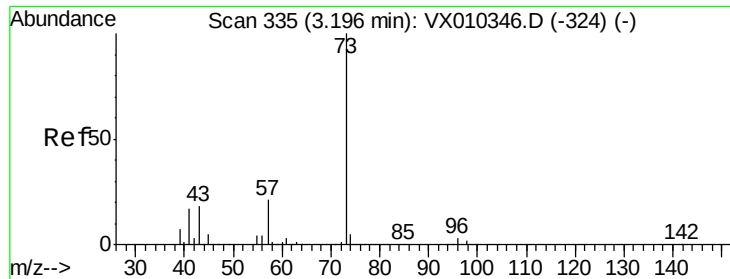
20000

10000

0

Time-->





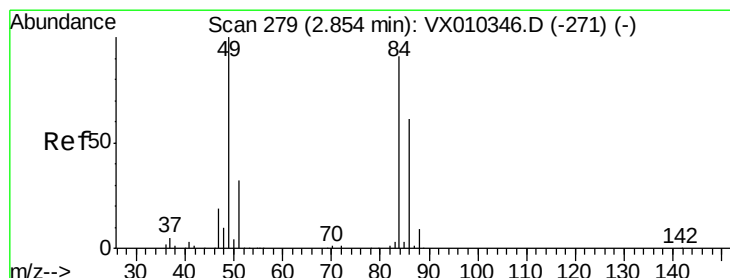
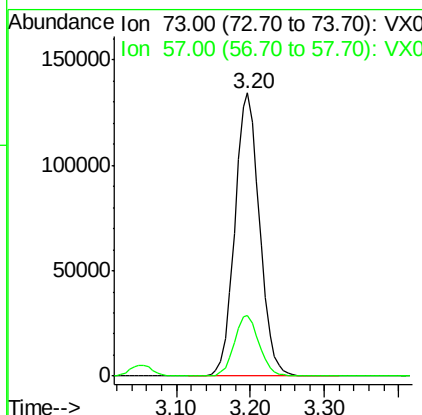
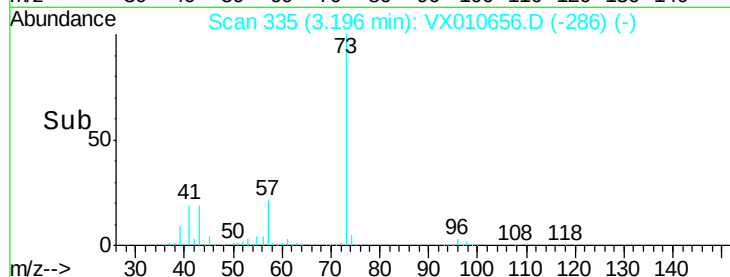
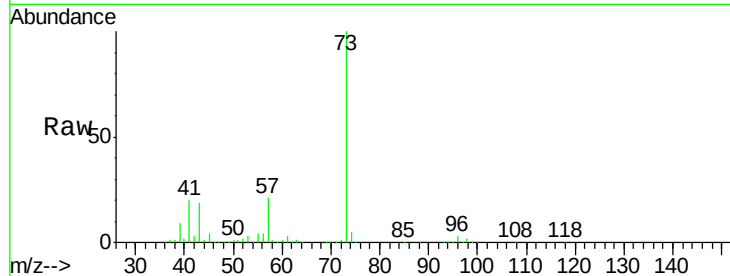
#19
Methyl tert-butyl Ether
Concen: 59.327 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX010656.D
Acq: 03 Jul 2019 21:28

Instrument :
MSVOA_X
ClientSampleId :
SP19-JMW0991MS

Tot Ion: 73 Resp: 312581
Ion Ratio Lower Upper
73 100
57 21.3 16.4 24.6

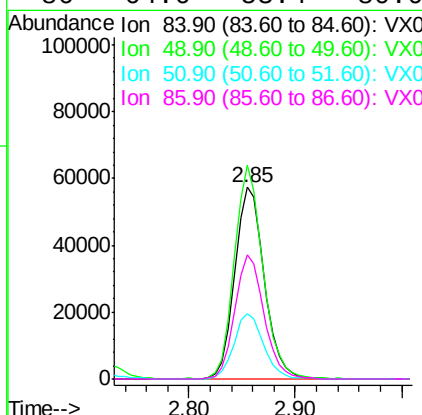
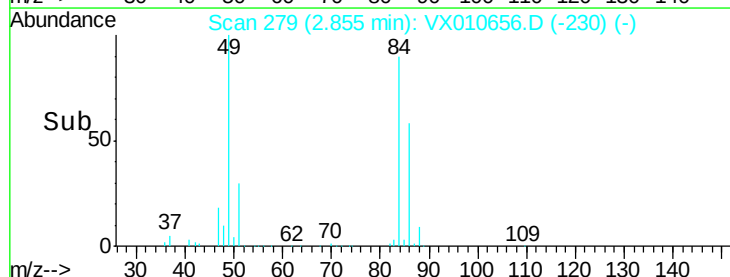
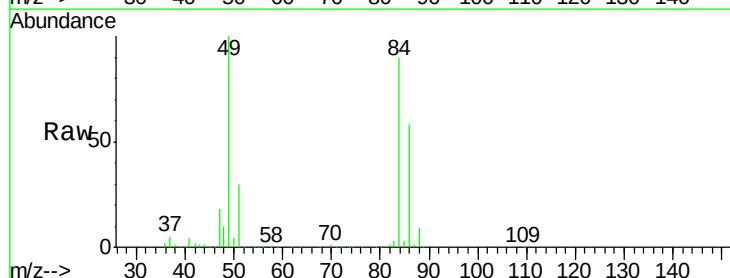
Manual Integrations
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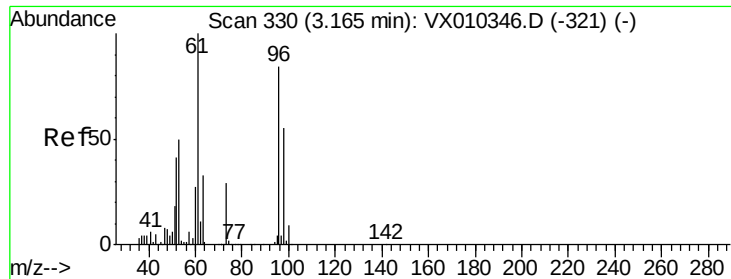
MMDadoda
7/8/2019 2:40:50 PM



#20
Methylene Chloride
Concen: 59.909 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010656.D
Acq: 03 Jul 2019 21:28

Tgt Ion: 84 Resp: 111940
Ion Ratio Lower Upper
84 100
49 110.9 87.5 131.3
51 33.7 27.7 41.5
86 64.6 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 55.411 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010656.D

Acq: 03 Jul 2019 21:28

Instrument :

MSVOA_X

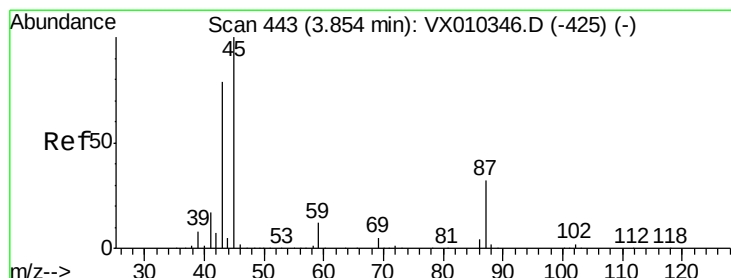
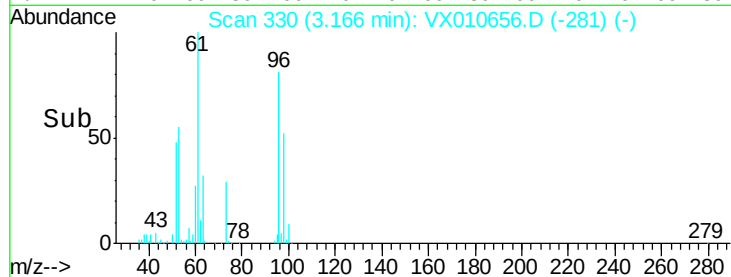
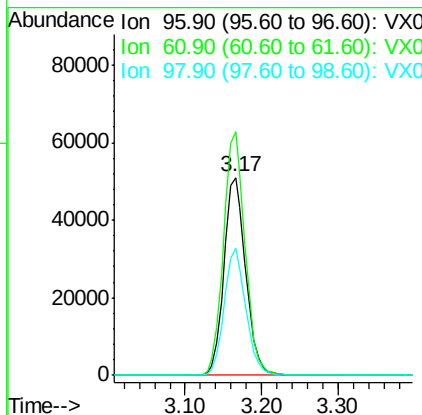
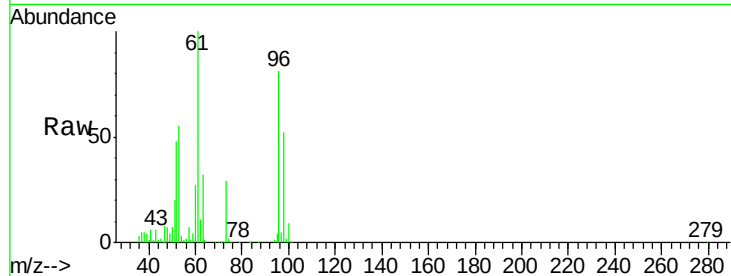
ClientSampleId :

SP19-JMW0991MS

Tot Ion:	96	Resp:	99810
Ion	Ratio	Lower	Upper
96	100		
61	123.1	95.6	143.4
98	64.3	52.5	78.7

Manual Integrations
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MMDadoda
7/8/2019 2:40:50 PM



#22

Diisopropyl ether

Concen: 59.852 ug/l

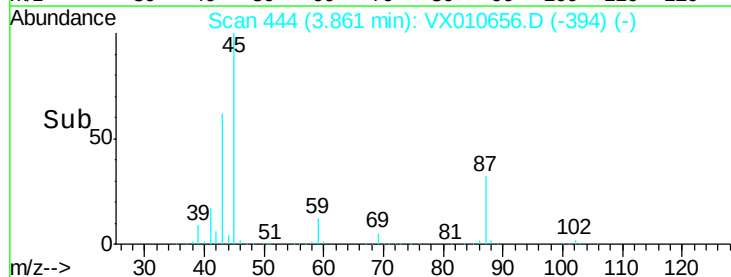
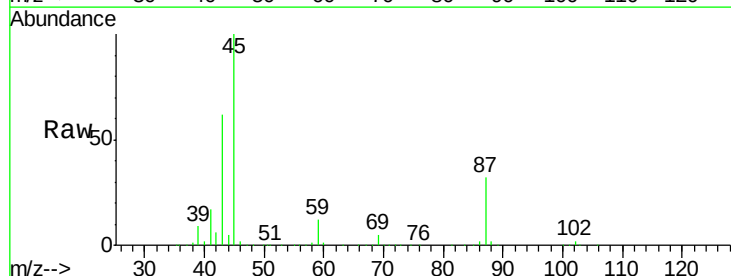
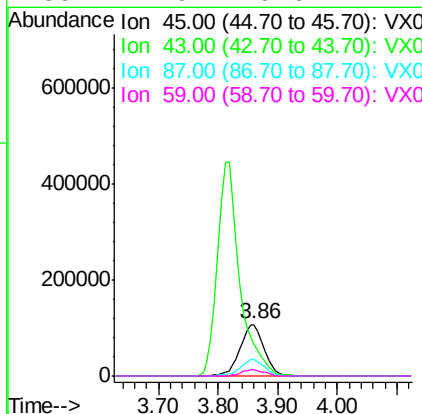
RT: 3.86 min Scan# 444

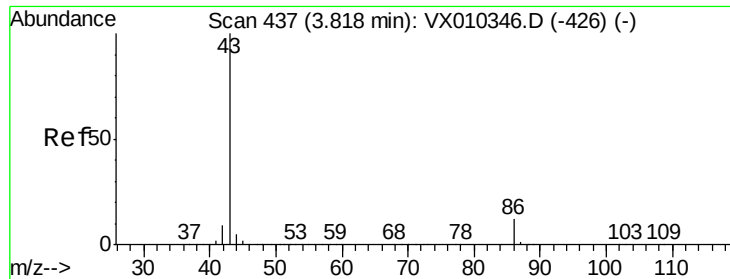
Delta R.T. 0.01 min

Lab File: VX010656.D

Acq: 03 Jul 2019 21:28

Tgt Ion:	45	Resp:	297542
Ion	Ratio	Lower	Upper
45	100		
43	62.4	63.3	94.9#
87	31.7	25.8	38.8
59	11.9	9.6	14.4





#23

Vinyl Acetate

Concen: 271.116 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX010656.D

Acq: 03 Jul 2019 21:28

Instrument :

MSVOA_X

ClientSampleId :

SP19-JMW0991MS

Tot Ion: 43 Resp: 1164358

Ion Ratio Lower Upper

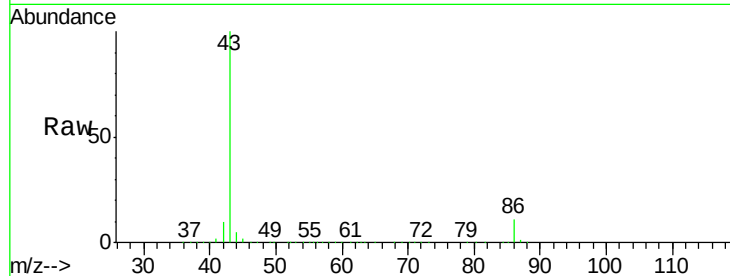
43 100

86 11.4 9.9 14.9

Manual Integrations
APPROVED

MMDadoda

7/8/2019 2:40:50 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.81

400000

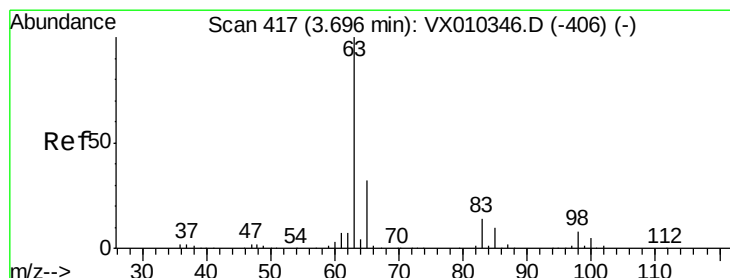
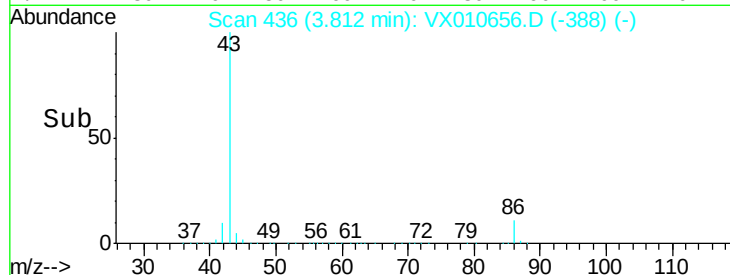
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 59.188 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010656.D

Acq: 03 Jul 2019 21:28

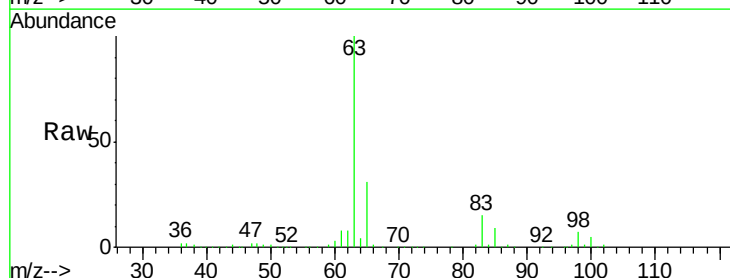
Tgt Ion: 63 Resp: 170083

Ion Ratio Lower Upper

63 100

98 7.5 3.9 11.7

100 5.2 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.70

80000

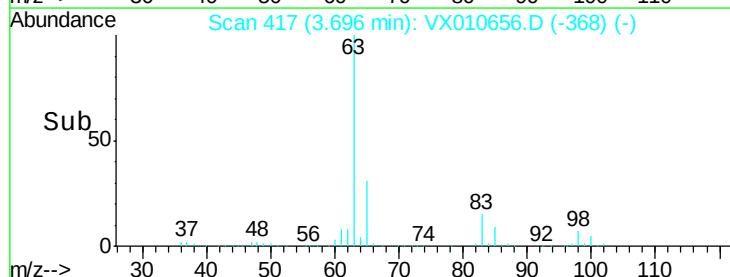
60000

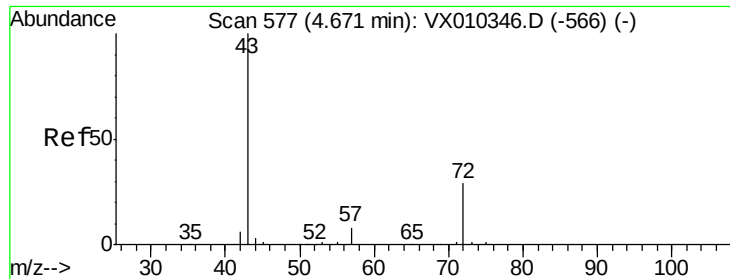
40000

20000

0

Time-->





#25

2-Butanone

Concen: 289.199 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.01 min

Lab File: VX010656.D

Acq: 03 Jul 2019 21:28

Instrument :

MSVOA_X

ClientSampleId :

SP19-JMW0991MS

Tot Ion: 43 Resp: 385166

Ion Ratio Lower Upper

43 100

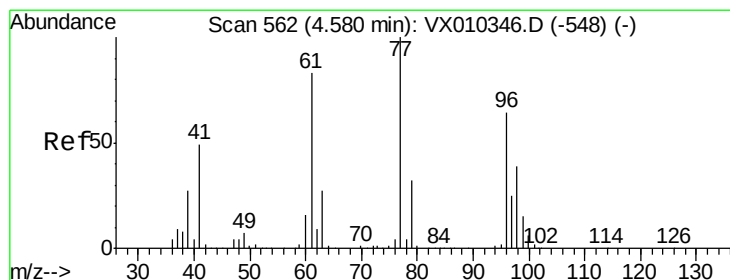
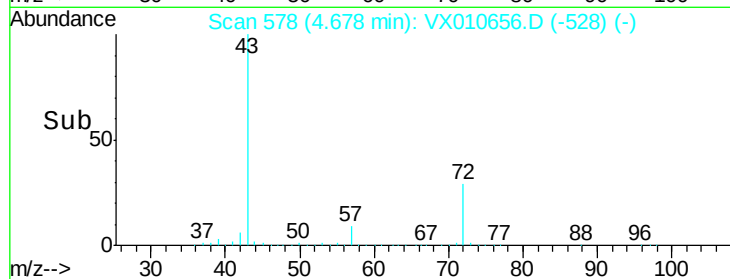
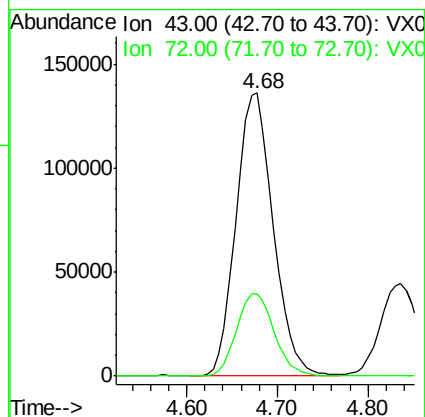
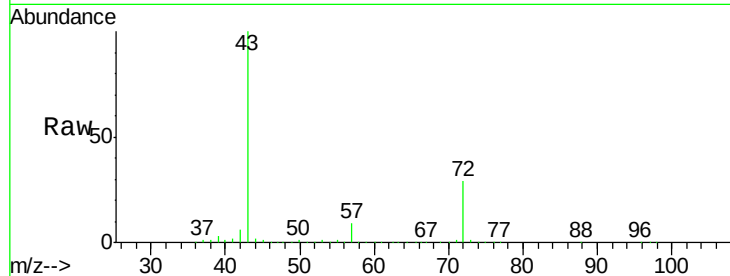
72 29.0 23.3 34.9

Manual Integrations

APPROVED

MMDadoda

7/8/2019 2:40:50 PM



#26

2,2-Dichloropropane

Concen: 38.505 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX010656.D

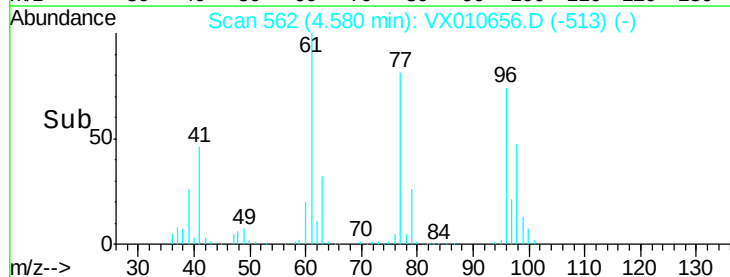
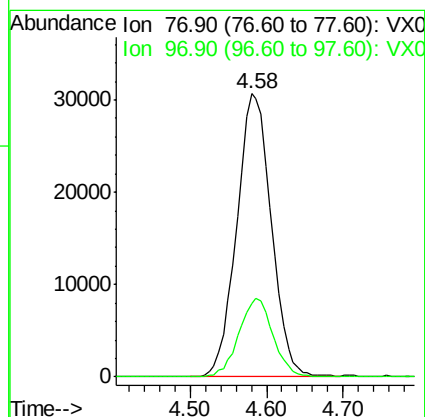
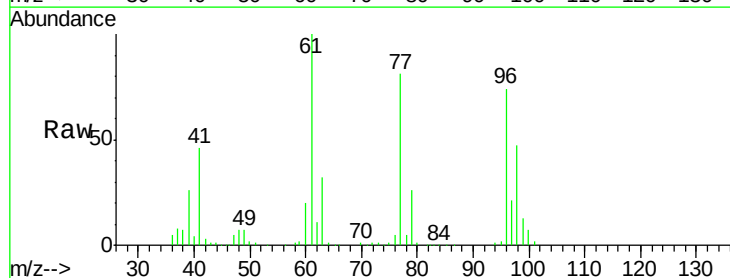
Acq: 03 Jul 2019 21:28

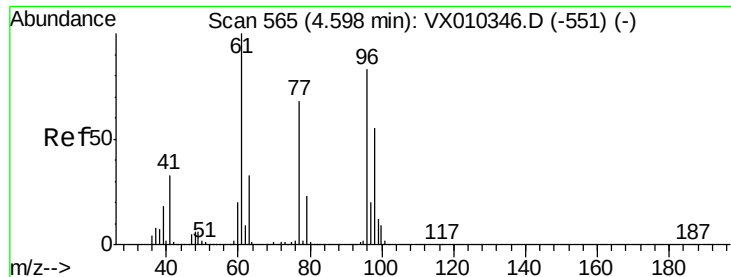
Tgt Ion: 77 Resp: 96120

Ion Ratio Lower Upper

77 100

97 27.4 13.1 39.3





#27

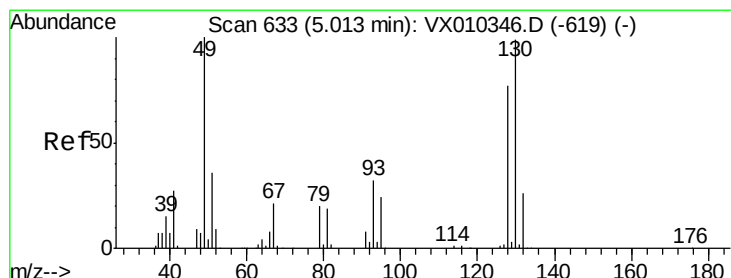
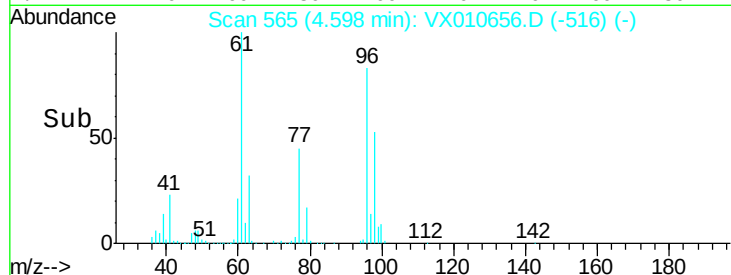
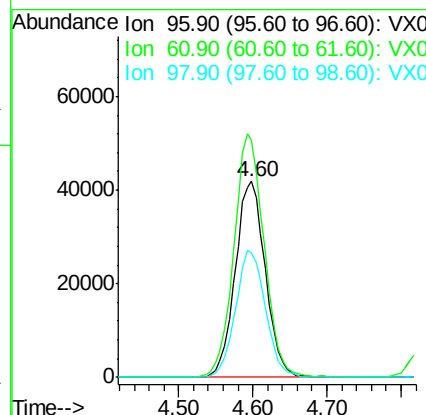
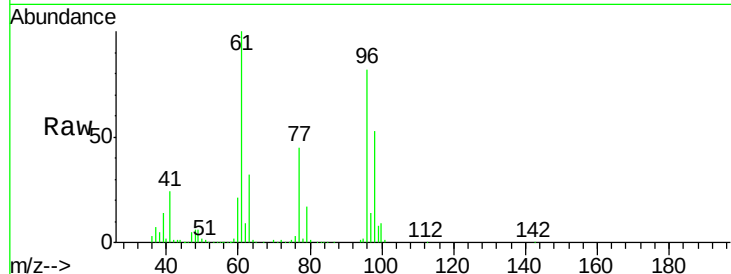
cis-1,2-Dichloroethene
Concen: 56.877 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX010656.D
Acq: 03 Jul 2019 21:28

Instrument :
MSVOA_X
ClientSampleId :
SP19-JMW0991MS

Tot Ion	Ratio	Resp	Lower	Upper
96	100	118391		
61	124.5	0.0	251.8	
98	64.8	0.0	129.4	

Manual Integrations
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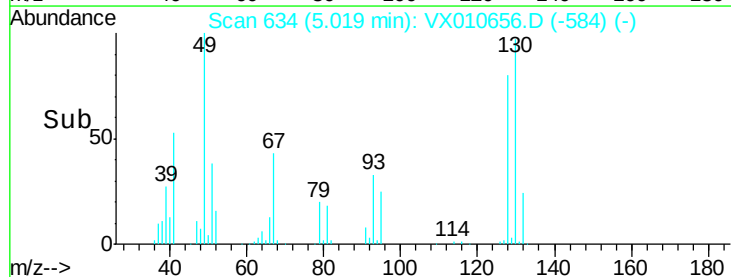
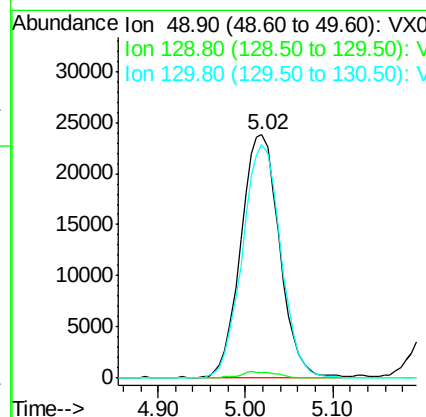
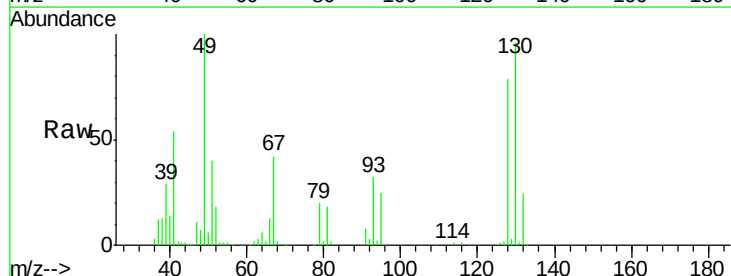
MMDadoda
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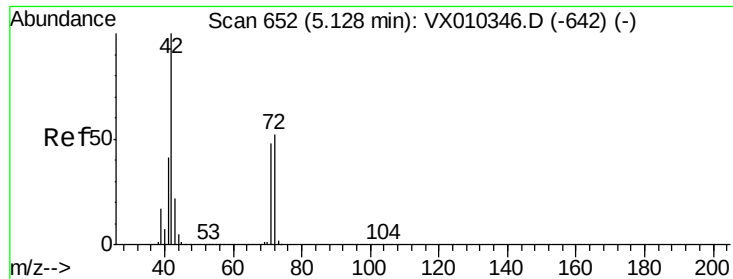


#28

Bromochloromethane
Concen: 52.842 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.01 min
Lab File: VX010656.D
Acq: 03 Jul 2019 21:28

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	72600		
129	2.6	0.0	5.6	
130	96.2	81.4	122.0	





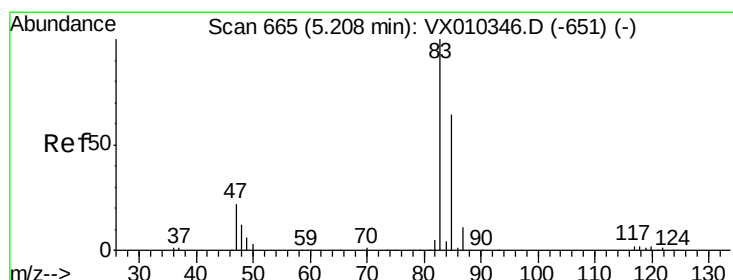
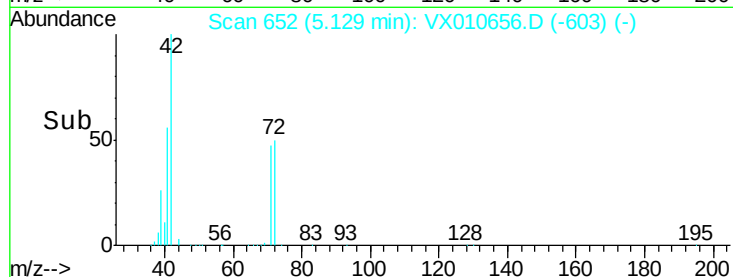
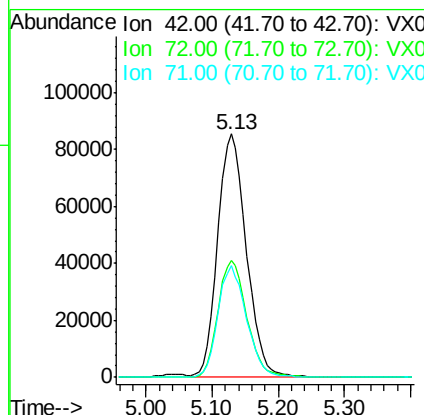
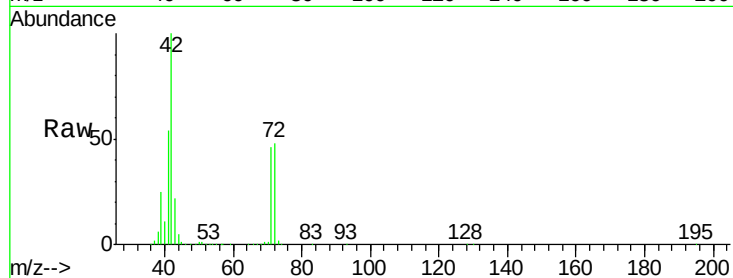
#29
Tetrahydrofuran
Concen: 309.261 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX010656.D
Acq: 03 Jul 2019 21:28

Instrument :
MSVOA_X
ClientSampleId :
SP19-JMW0991MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.9	40.6	60.8
71	45.8	37.8	56.8

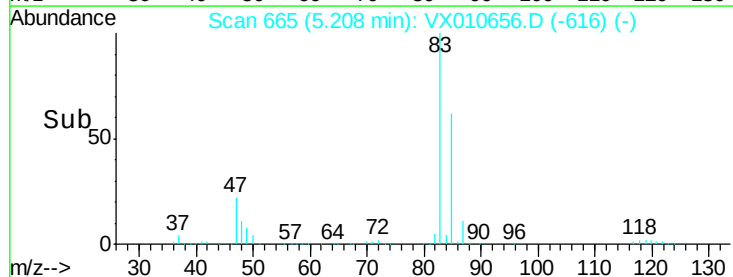
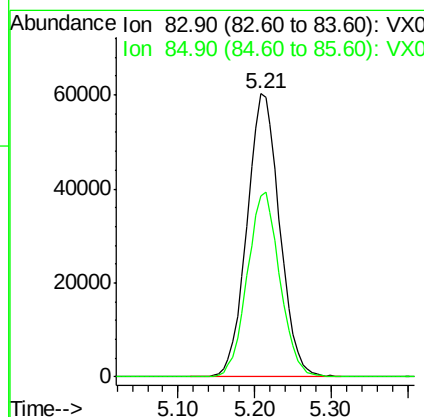
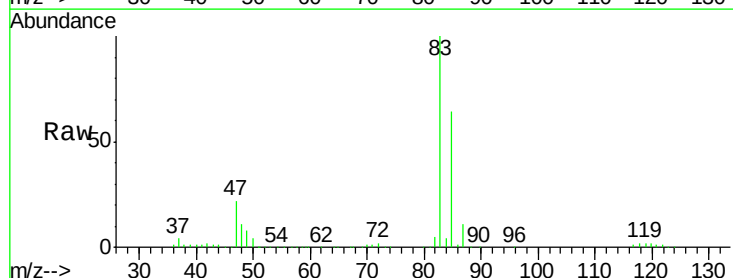
Manual Integrations
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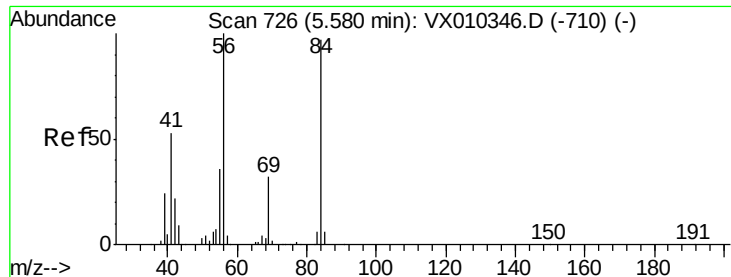
MMDadoda
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#30
Chloroform
Concen: 57.869 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.00 min
Lab File: VX010656.D
Acq: 03 Jul 2019 21:28

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.1	50.9	76.3





#31

Cyclohexane

Concen: 45.734 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010656.D

Acq: 03 Jul 2019 21:28

Instrument :

MSVOA_X

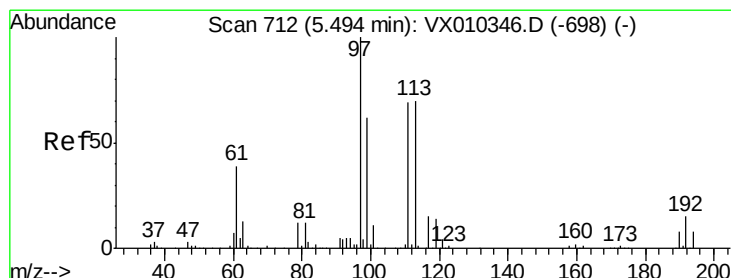
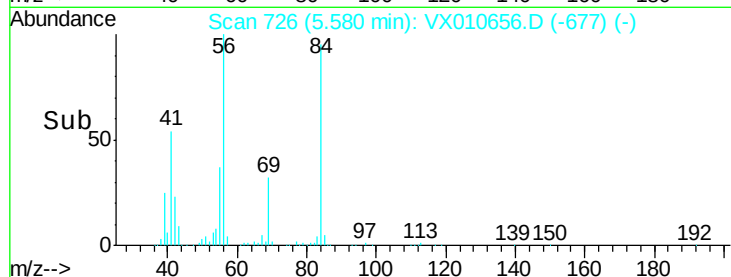
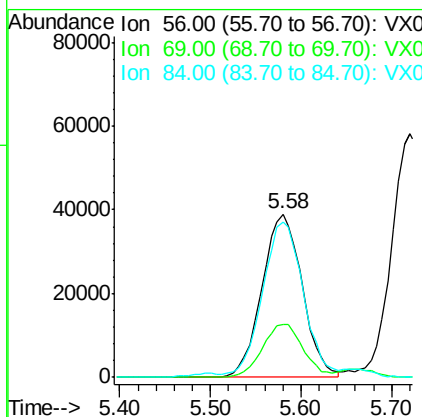
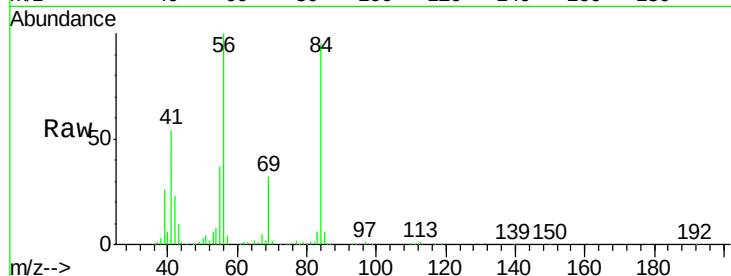
ClientSampleId :

SP19-JMW0991MS

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.2	25.9	38.9
84	93.5	78.0	117.0

Manual Integrations
APPROVED

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#32

1,1,1-Trichloroethane

Concen: 53.832 ug/l

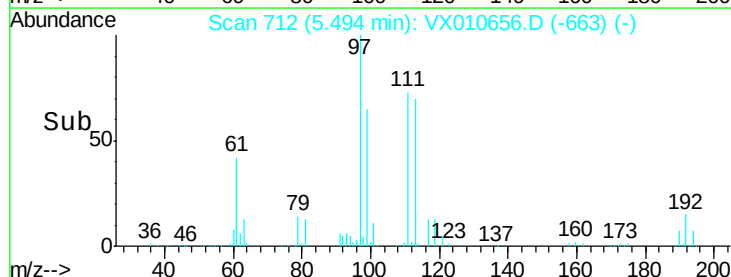
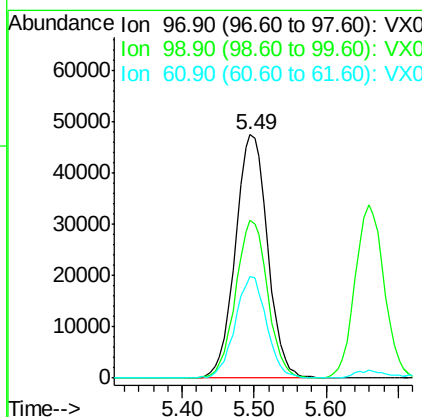
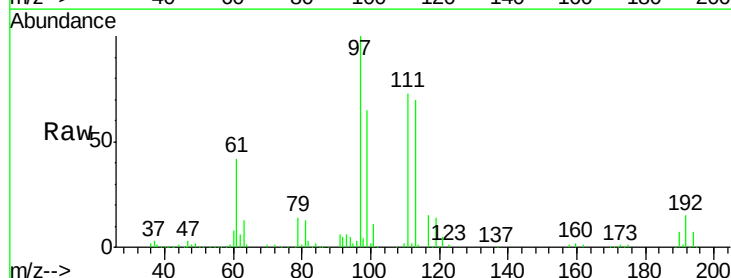
RT: 5.49 min Scan# 712

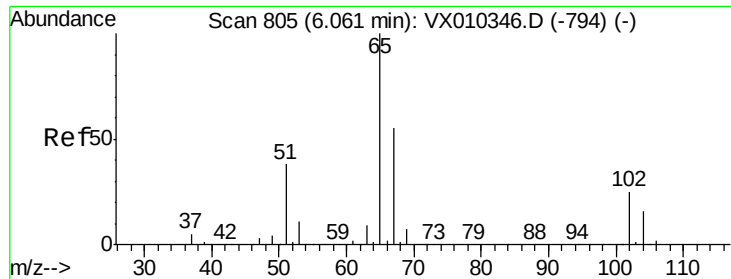
Delta R.T. 0.00 min

Lab File: VX010656.D

Acq: 03 Jul 2019 21:28

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.8	77.8
61	40.4	32.1	48.1





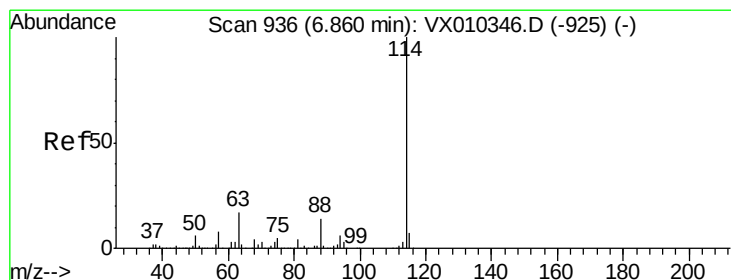
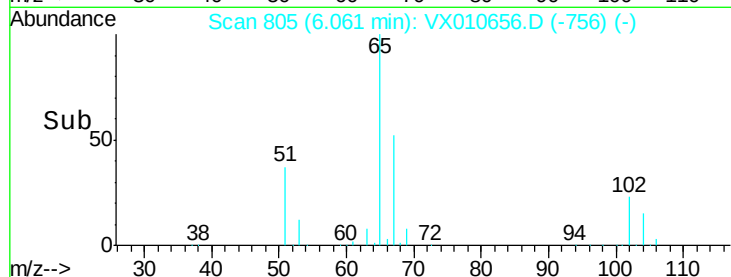
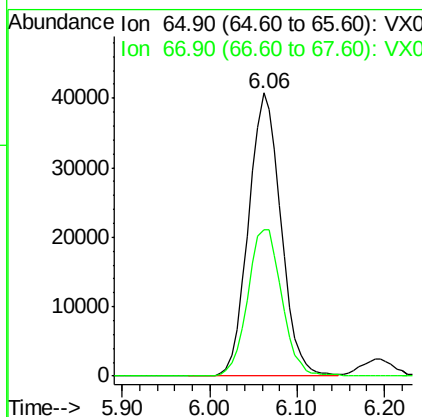
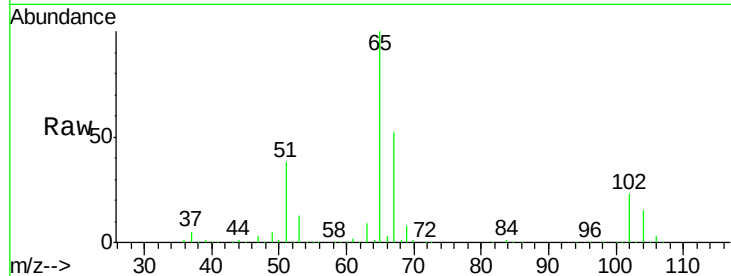
#33
 1,2-Dichloroethane-d4
 Concen: 58.050 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010656.D
 Acq: 03 Jul 2019 21:28

Instrument :
 MSVOA_X
 ClientSampleId :
 SP19-JMW0991MS

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.5	0.0	110.2

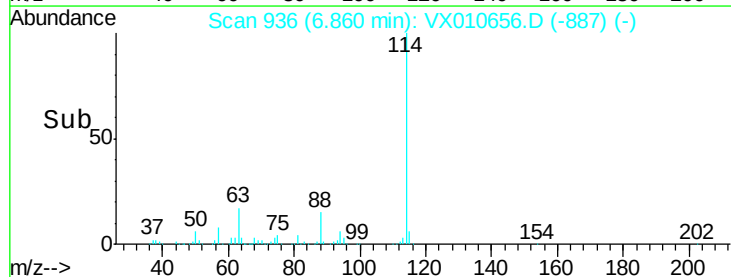
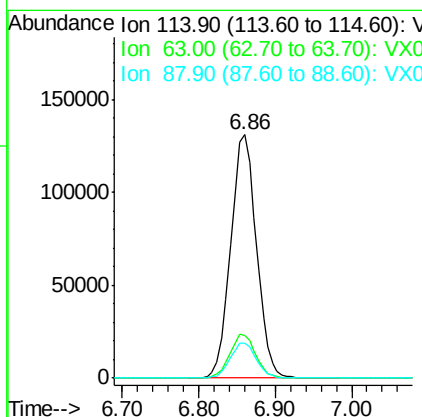
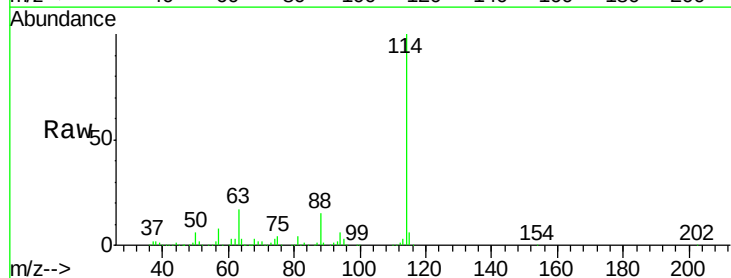
Manual Integrations
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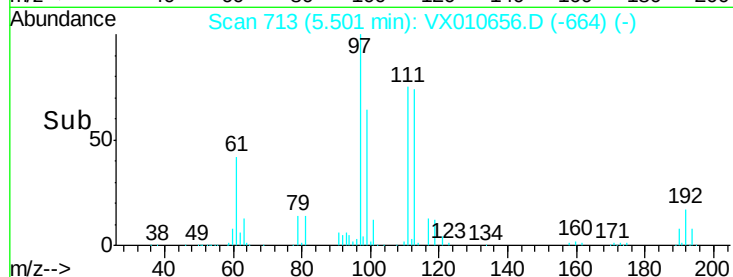
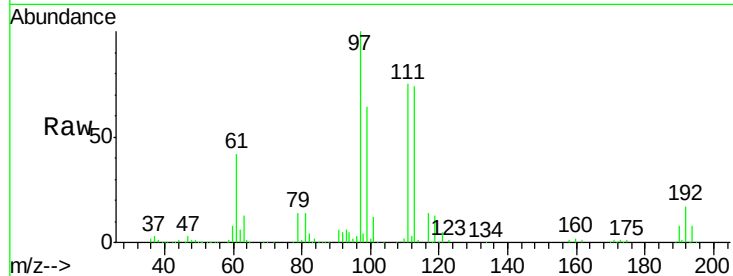
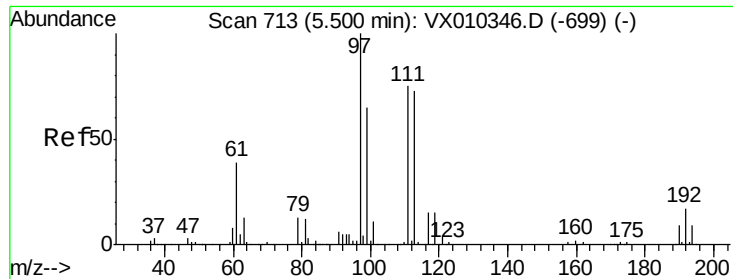
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010656.D
 Acq: 03 Jul 2019 21:28

Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.5	0.0	33.8
88	14.6	0.0	27.6





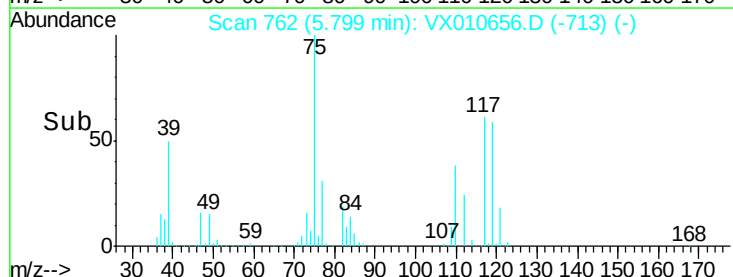
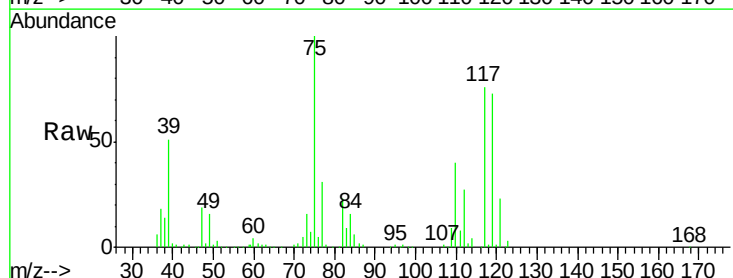
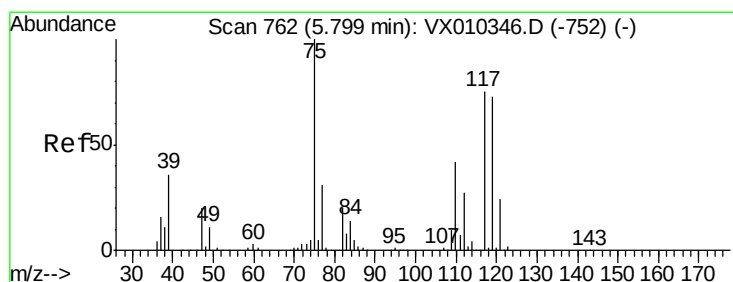
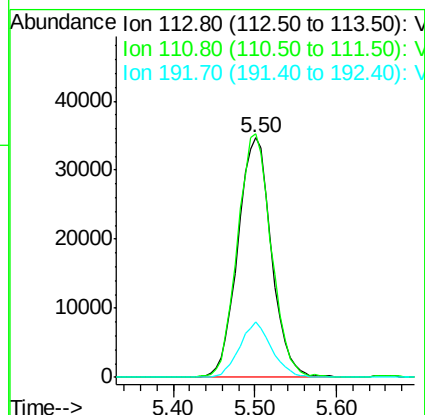
#35
Dibromofluoromethane
Concen: 52.857 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX010656.D
Acq: 03 Jul 2019 21:28

Tot Ion	Ratio	Resp	Lower	Upper
113	100	99174		
111	101.9	81.2	121.8	
192	22.1	18.6	27.8	

Instrument :
MSVOA_X
ClientSampleId :
SP19-JMW0991MS

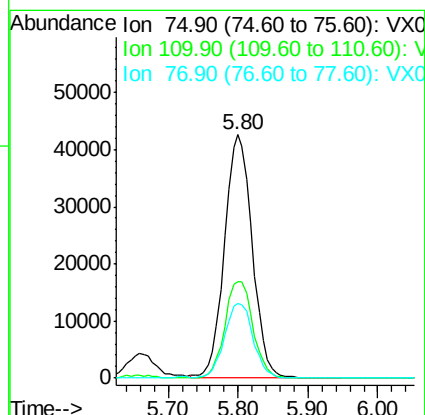
Manual Integrations
APPROVED

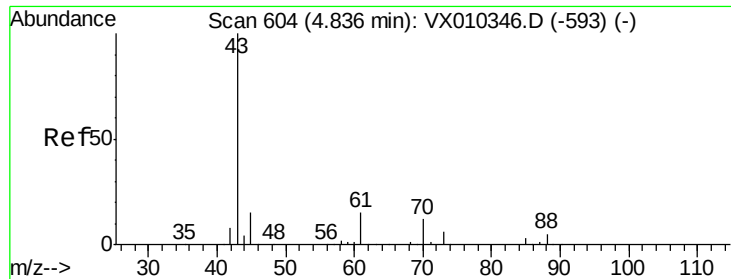
MMDadoda
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#36
1,1-Dichloropropene
Concen: 47.935 ug/l
RT: 5.80 min Scan# 762
Delta R.T. 0.00 min
Lab File: VX010656.D
Acq: 03 Jul 2019 21:28

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	116815		
110	40.6	20.8	62.2	
77	31.9	25.4	38.0	





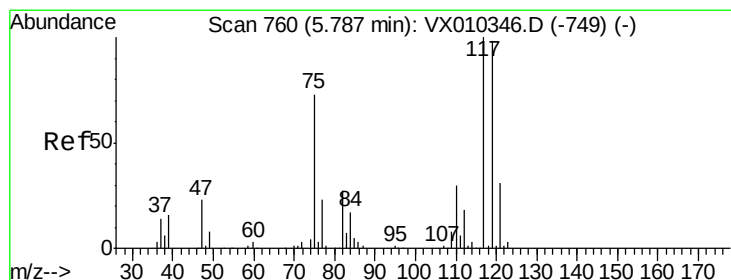
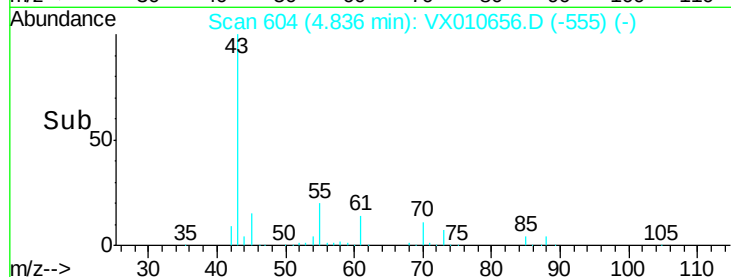
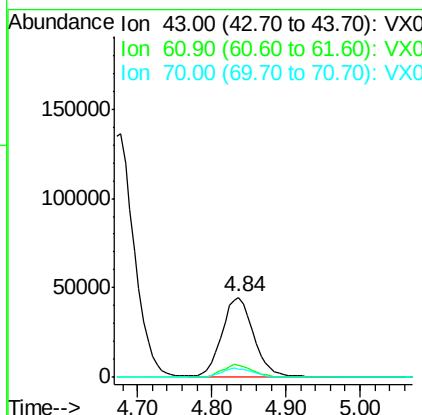
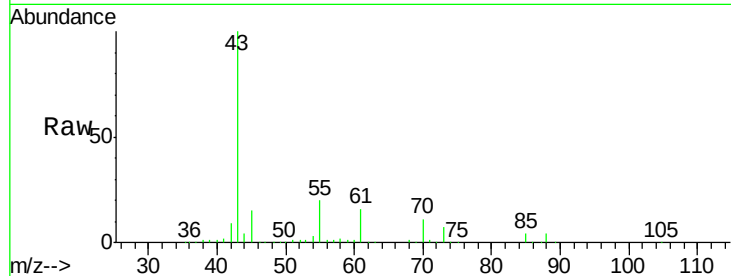
#37
Ethyl Acetate
Concen: 53.102 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.00 min
Lab File: VX010656.D
Acq: 03 Jul 2019 21:28

Instrument :
MSVOA_X
ClientSampleId :
SP19-JMW0991MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.7	12.4	18.6
70	11.8	9.8	14.8

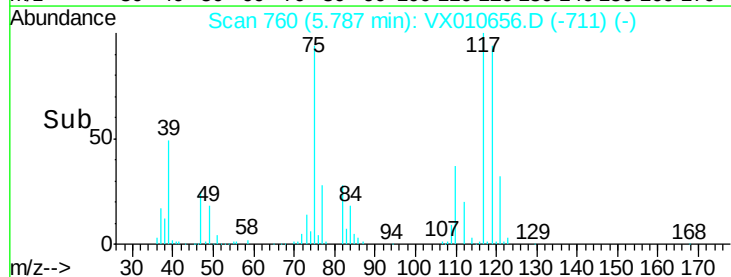
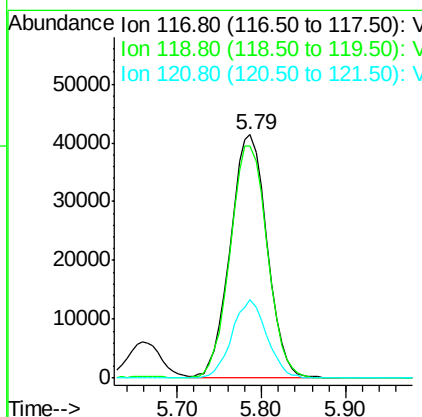
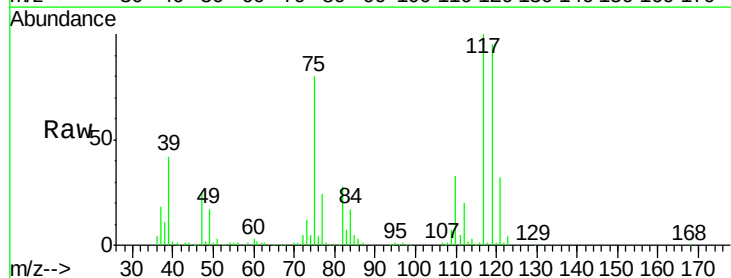
Manual Integrations
APPROVED

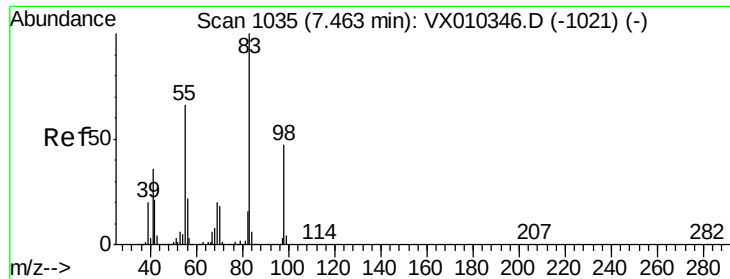
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#38
Carbon Tetrachloride
Concen: 46.289 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX010656.D
Acq: 03 Jul 2019 21:28

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.3	78.2	117.4
121	32.2	24.7	37.1





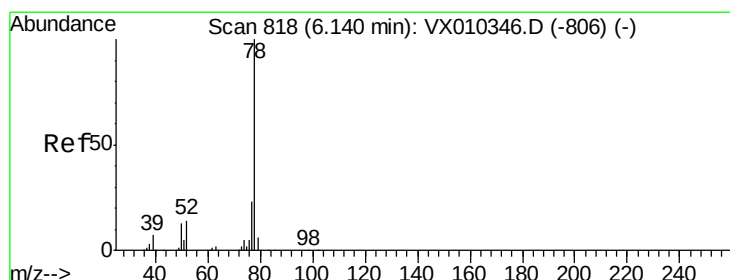
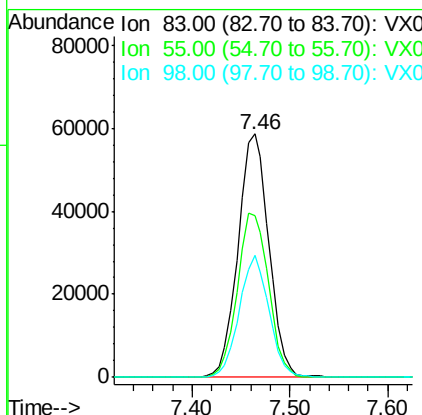
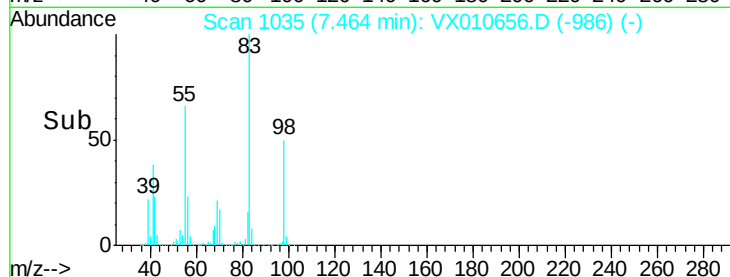
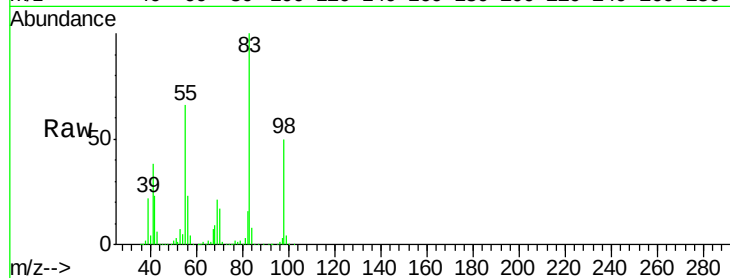
#39
Methylvlcyclohexane
Concen: 40.016 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010656.D
Acq: 03 Jul 2019 21:28

Instrument :
MSVOA_X
ClientSampleId :
SP19-JMW0991MS

Tot Ion	Ratio	Resp	Lower	Upper
83	100	128182		
55	66.3	53.0	79.6	
98	50.2	37.8	56.8	

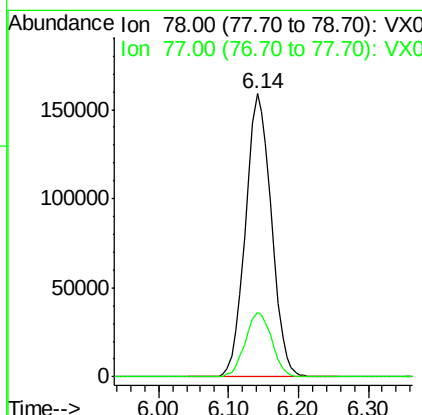
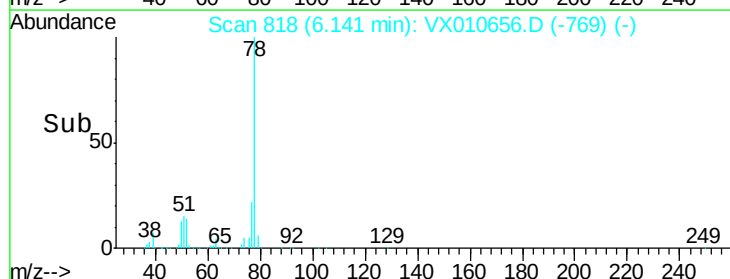
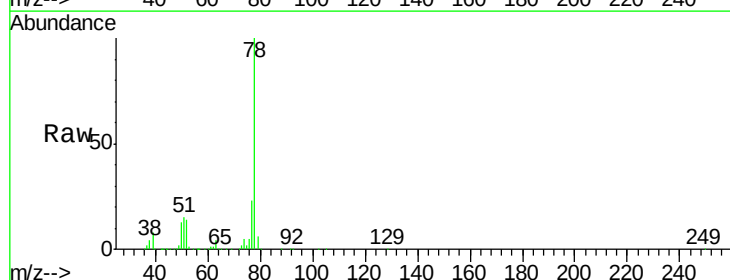
Manual Integrations
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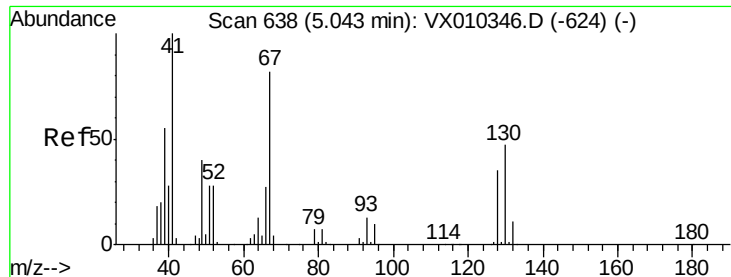
MMDadoda
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#40
Benzene
Concen: 53.856 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010656.D
Acq: 03 Jul 2019 21:28

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	408883		
77	22.7	18.6	28.0	





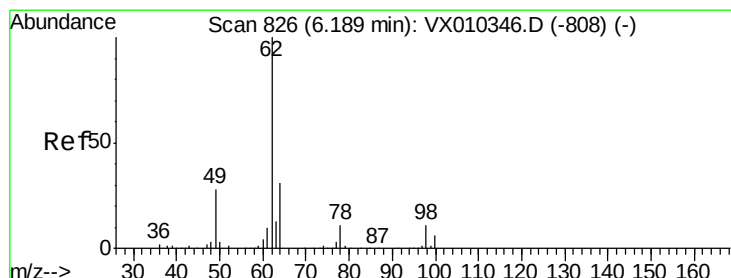
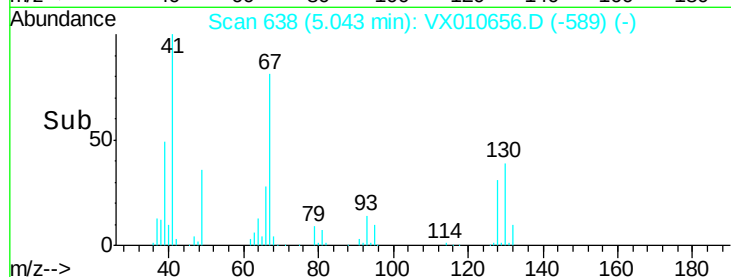
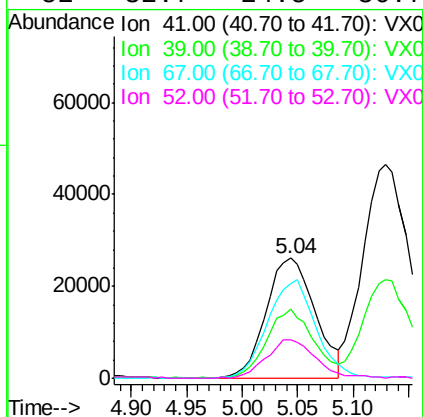
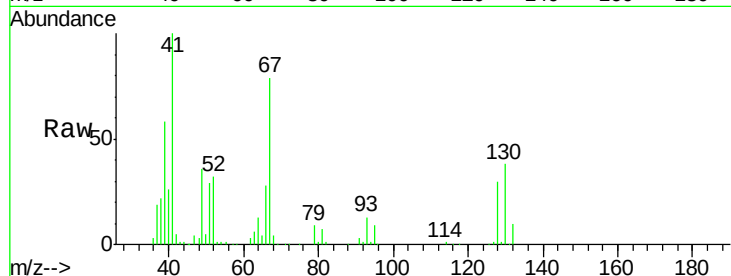
#41
Methacrylonitrile
Concen: 57.811 ug/l
RT: 5.04 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX010656.D
Acq: 03 Jul 2019 21:28

Instrument :
MSVOA_X
ClientSampleId :
SP19-JMW0991MS

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.2	43.8	65.8	
67	81.5	66.6	100.0	
52	32.7	24.5	36.7	

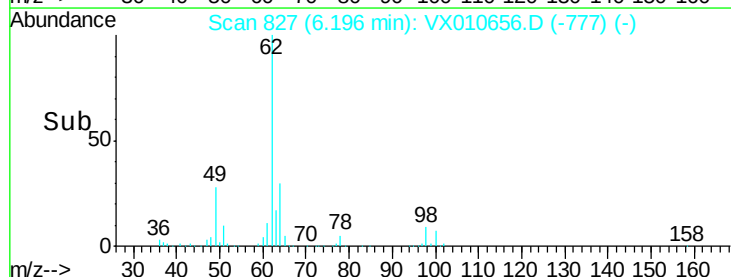
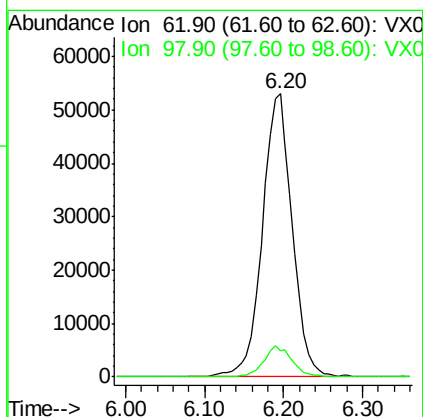
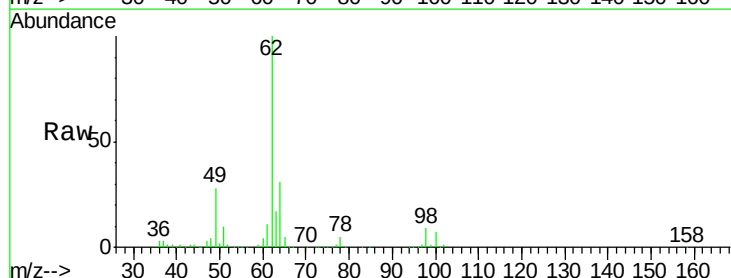
Manual Integrations
APPROVED

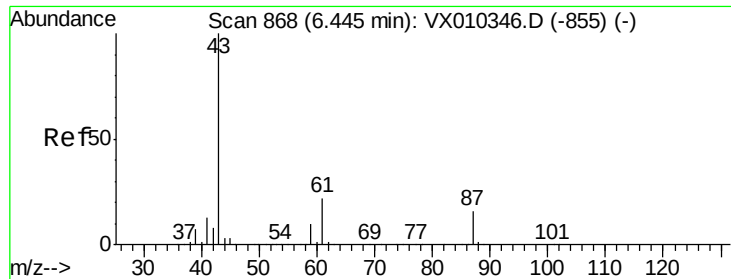
MMDadoda
7/8/2019 2:40:50 PM



#42
1,2-Dichloroethane
Concen: 60.062 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.01 min
Lab File: VX010656.D
Acq: 03 Jul 2019 21:28

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.2	0.0	22.2	





#43

Isopropyl Acetate

Concen: 52.659 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX010656.D

Acq: 03 Jul 2019 21:28

Instrument :

MSVOA_X

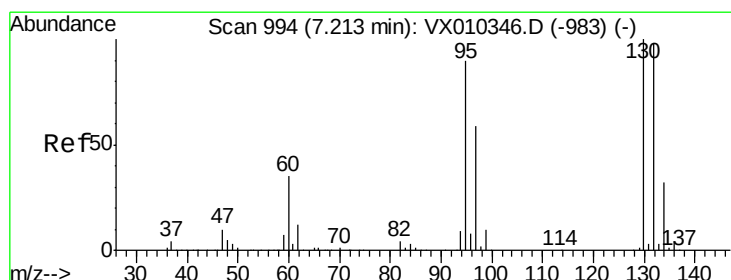
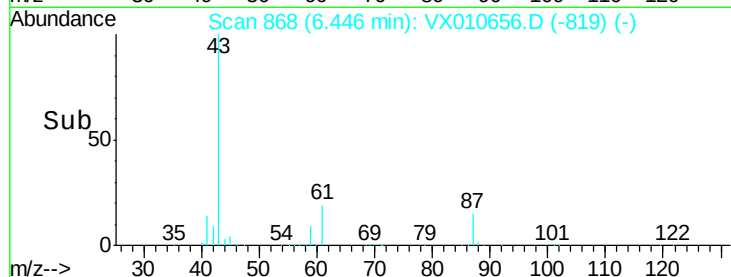
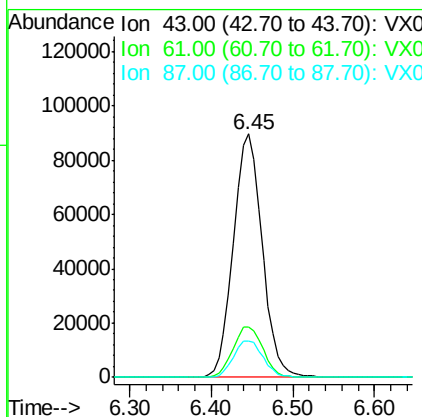
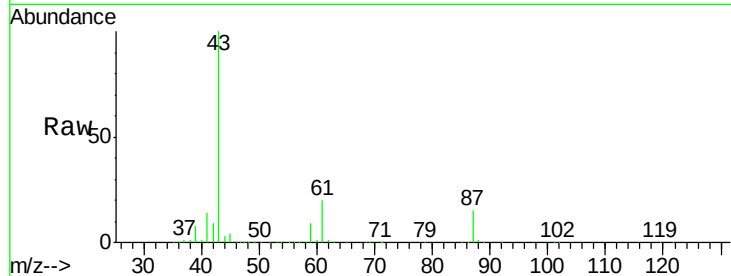
ClientSampleId :

SP19-JMW0991MS

Tot Ion:	43	Resp:	218419
Ion	Ratio	Lower	Upper
43	100		
61	21.8	17.8	26.6
87	15.5	13.0	19.4

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#44

Trichloroethene

Concen: 48.995 ug/l

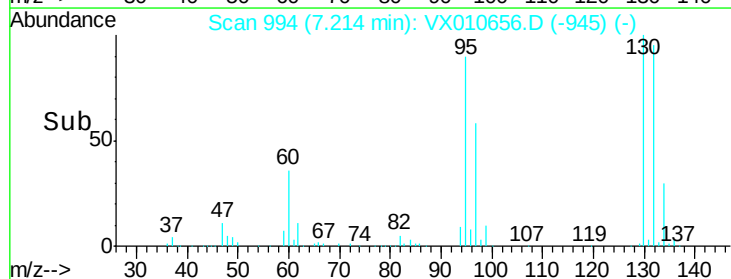
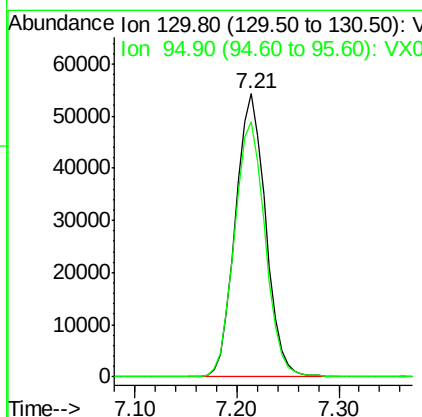
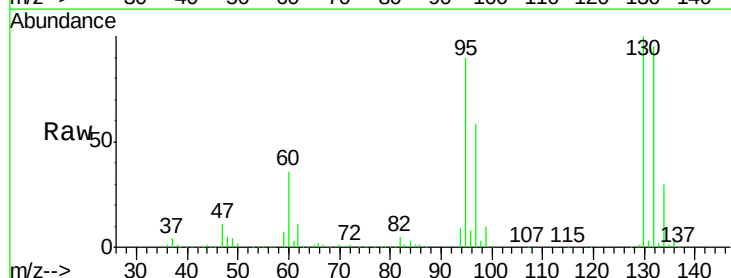
RT: 7.21 min Scan# 994

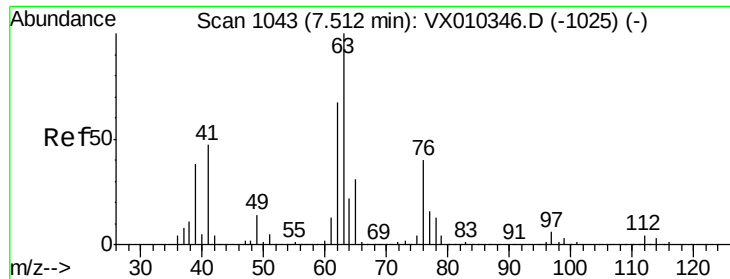
Delta R.T. 0.00 min

Lab File: VX010656.D

Acq: 03 Jul 2019 21:28

Tgt Ion:	130	Resp:	111305
Ion	Ratio	Lower	Upper
130	100		
95	90.1	0.0	180.8





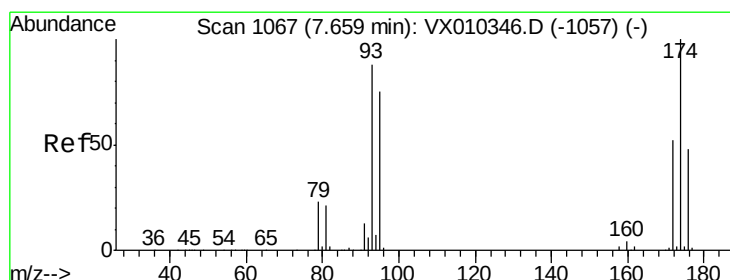
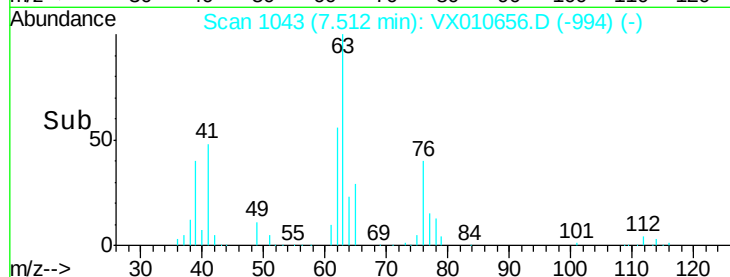
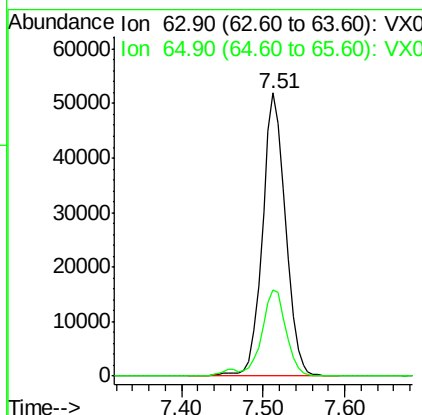
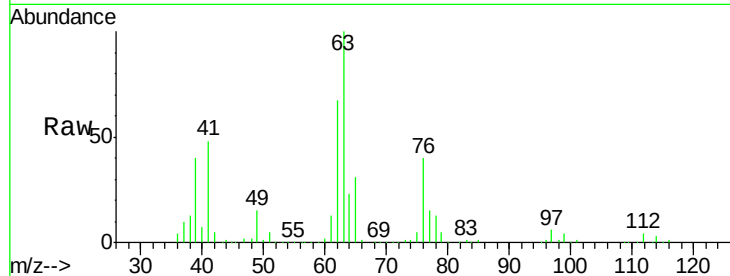
#45
 1,2-Dichloropropane
 Concen: 53.569 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX010656.D
 Acq: 03 Jul 2019 21:28

Instrument :
 MSVOA_X
 ClientSampleId :
 SP19-JMW0991MS

Tot Ion: 63 Resp: 102705
 Ion Ratio Lower Upper
 63 100
 65 30.4 24.8 37.2

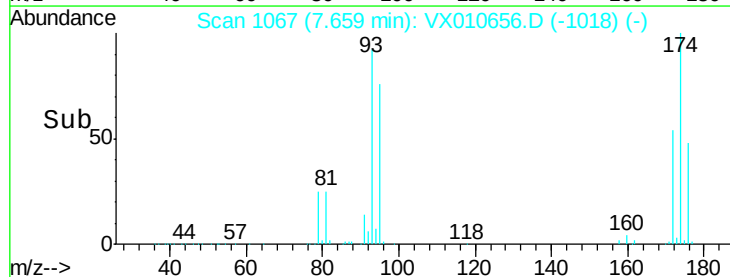
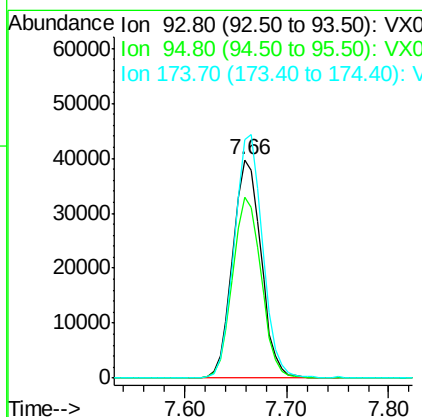
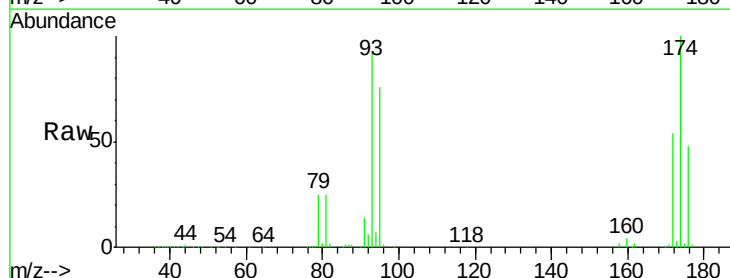
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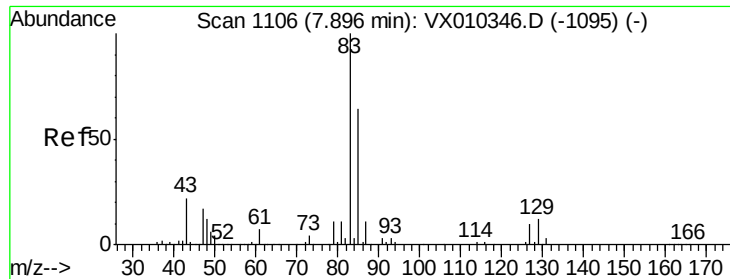
MMDadoda
 7/8/2019 2:40:50 PM



#46
 Dibromomethane
 Concen: 55.982 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX010656.D
 Acq: 03 Jul 2019 21:28

Tgt Ion: 93 Resp: 77007
 Ion Ratio Lower Upper
 93 100
 95 83.3 67.5 101.3
 174 110.5 95.8 143.6





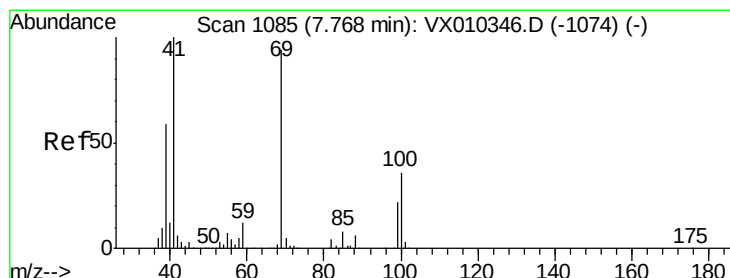
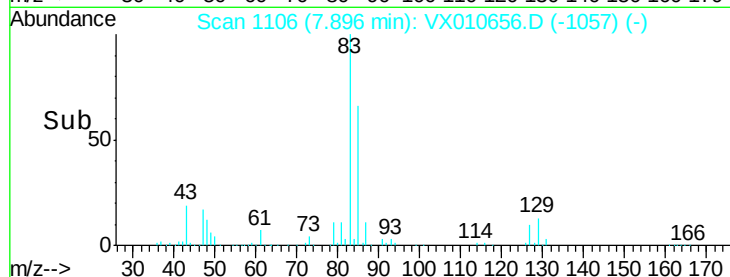
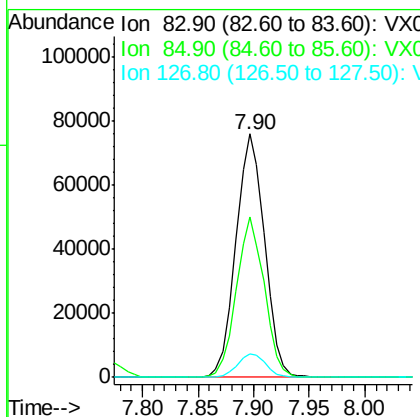
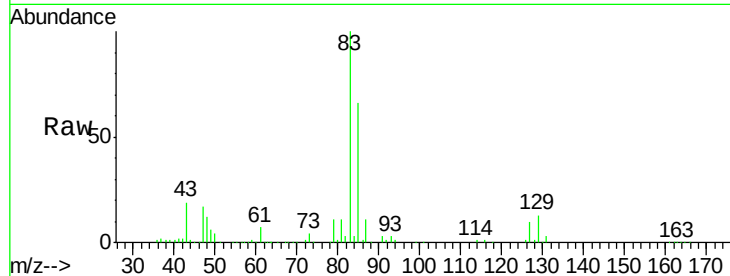
#47
Bromodichloromethane
Concen: 53.558 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VX010656.D
Acq: 03 Jul 2019 21:28

Instrument :
MSVOA_X
ClientSampleId :
SP19-JMW0991MS

Tot Ion	Ratio	Resp	Lower	Upper
83	100	135014		
85	66.1	51.5	77.3	
127	9.7	7.8	11.8	

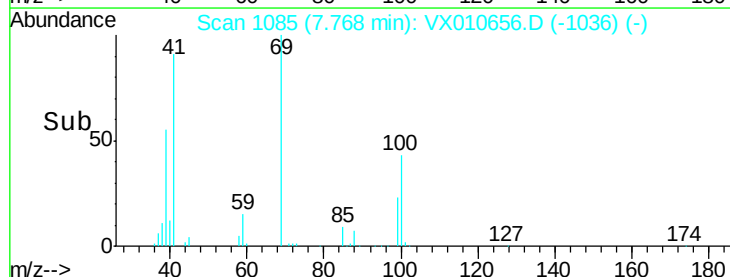
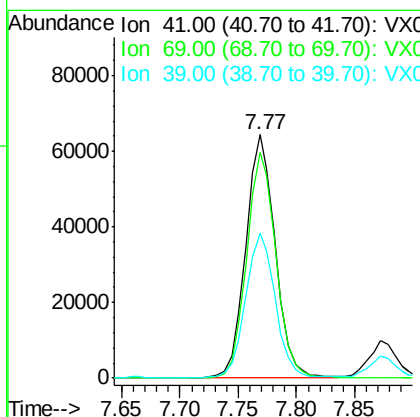
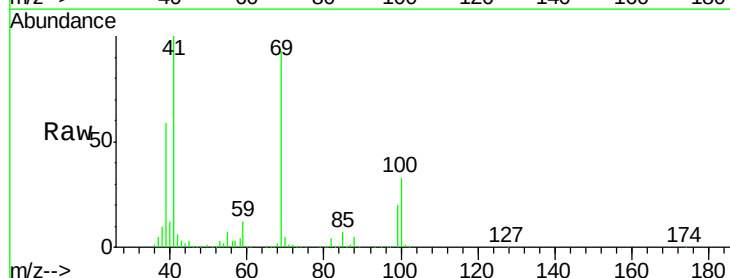
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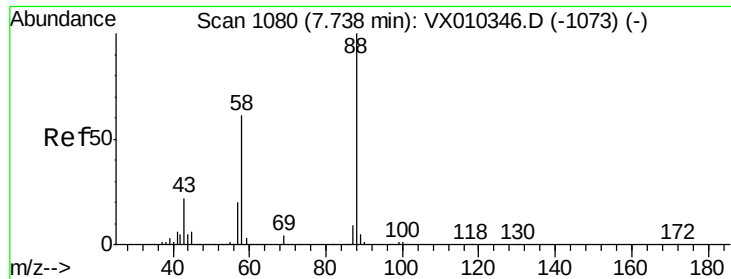
MMDadoda
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#48
Methyl methacrylate
Concen: 58.458 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. 0.00 min
Lab File: VX010656.D
Acq: 03 Jul 2019 21:28

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	112704		
69	93.3	76.1	114.1	
39	60.3	47.6	71.4	





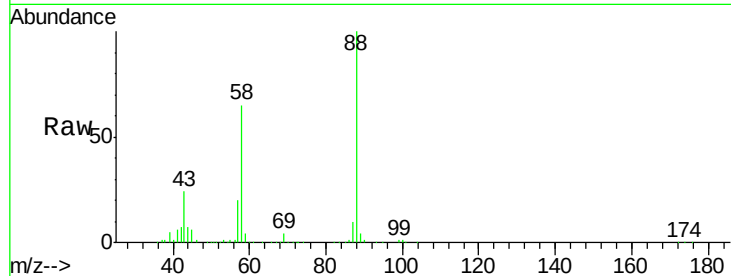
#49
1,4-Dioxane
Concen: 1040.955 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX010656.D
Acq: 03 Jul 2019 21:28

Instrument :
MSVOA_X
ClientSampleId :
SP19-JMW0991MS

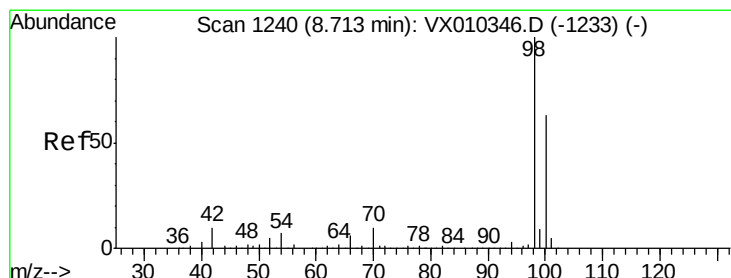
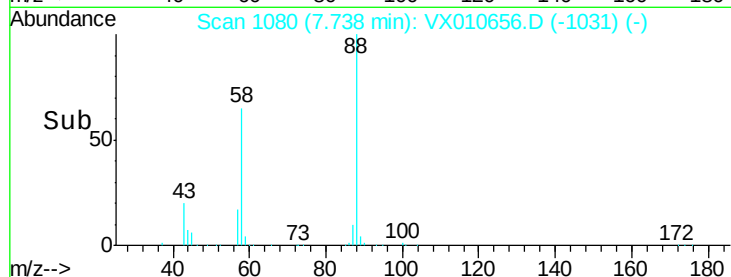
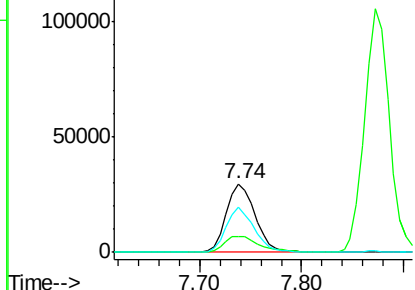
Tot Ion	Ratio	Lower	Upper
88	100		
43	28.3	20.2	30.2
58	64.7	49.5	74.3

Manual Integrations
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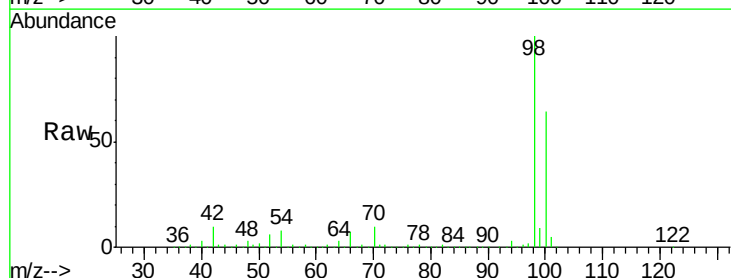


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

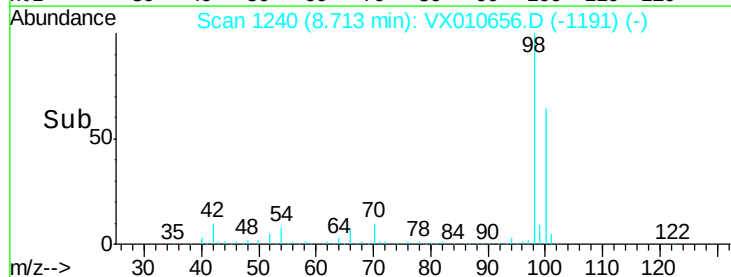
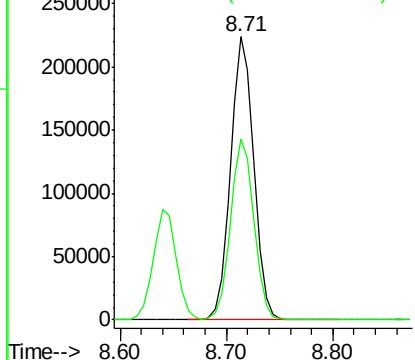


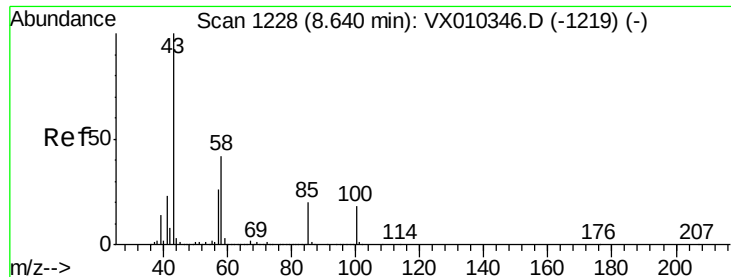
#50
Toluene-d8
Concen: 47.596 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010656.D
Acq: 03 Jul 2019 21:28

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.6	77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





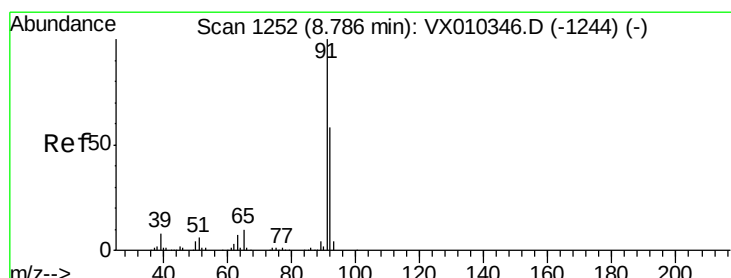
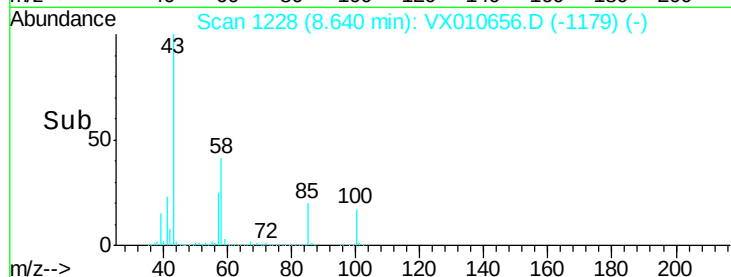
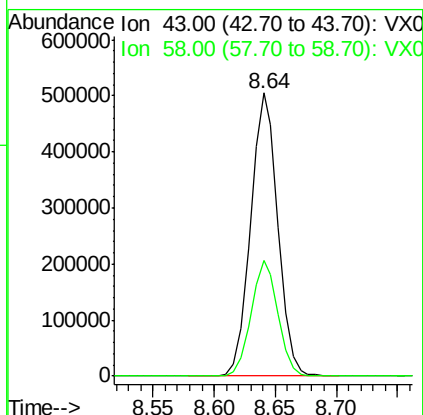
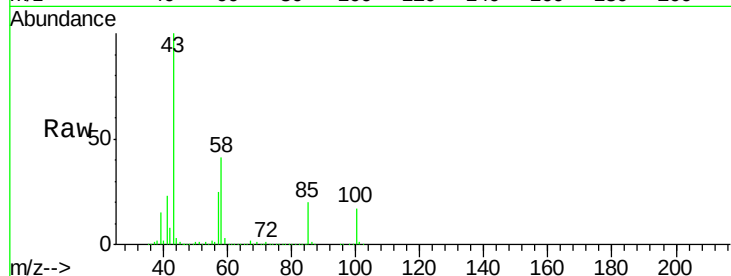
#51
 4-Methyl-2-Pentanone
 Concen: 294.239 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VX010656.D
 Acq: 03 Jul 2019 21:28

Instrument :
 MSVOA_X
 ClientSampleId :
 SP19-JMW0991MS

Tot Ion	Ratio	Lower	Upper
43	100		
58	40.5	33.5	50.3

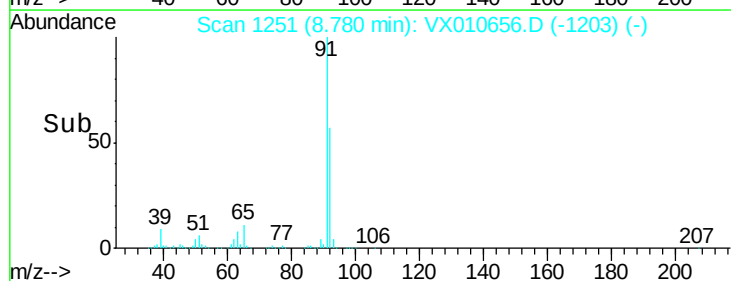
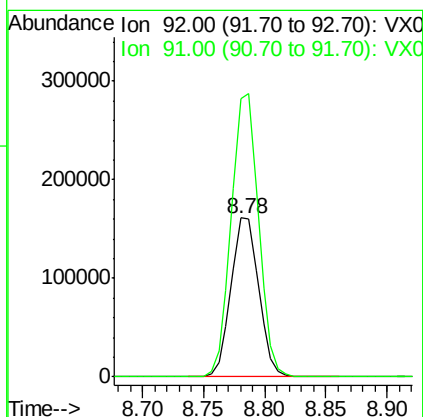
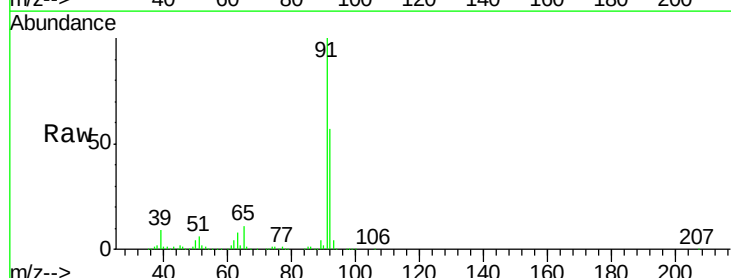
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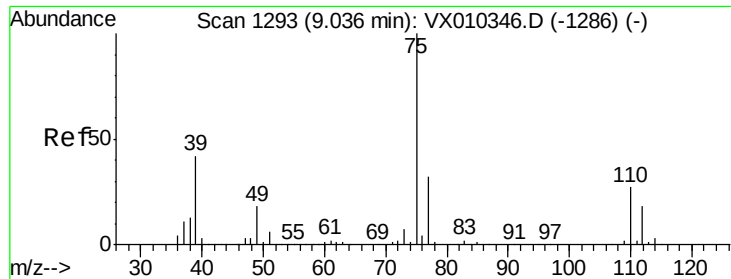
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#52
 Toluene
 Concen: 50.572 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: VX010656.D
 Acq: 03 Jul 2019 21:28

Tgt Ion	Ratio	Lower	Upper
92	100		
91	175.4	139.8	209.6





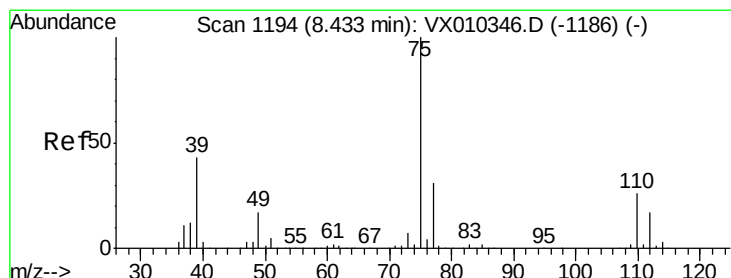
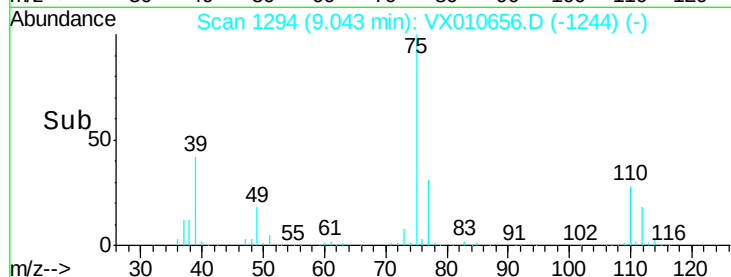
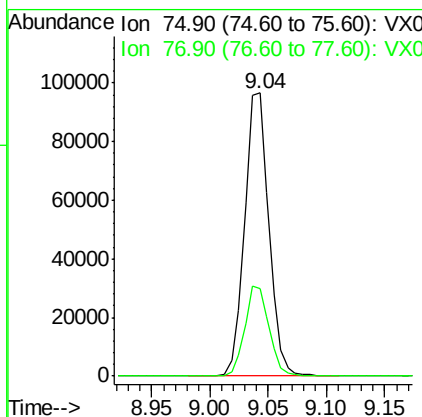
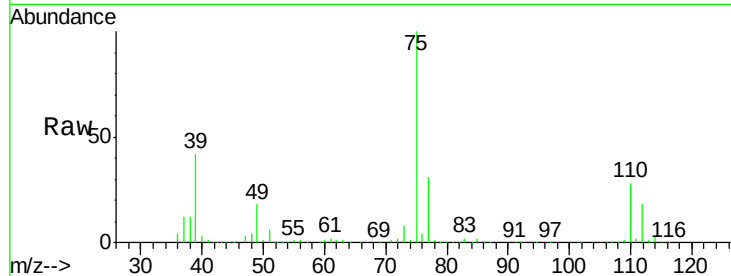
#53
t-1,3-Dichloropropene
Concen: 49.840 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.01 min
Lab File: VX010656.D
Acq: 03 Jul 2019 21:28

Instrument :
MSVOA_X
ClientSampleId :
SP19-JMW0991MS

Tot Ion: 75 Resp: 140863
Ion Ratio Lower Upper
75 100
77 30.9 25.4 38.2

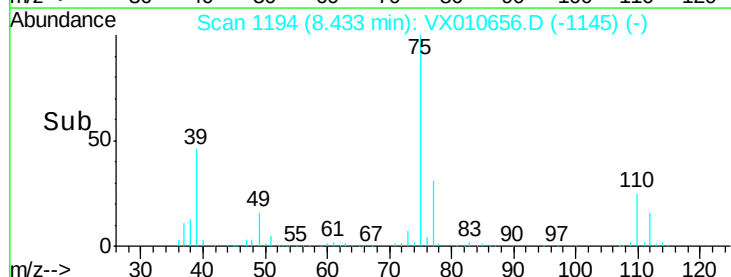
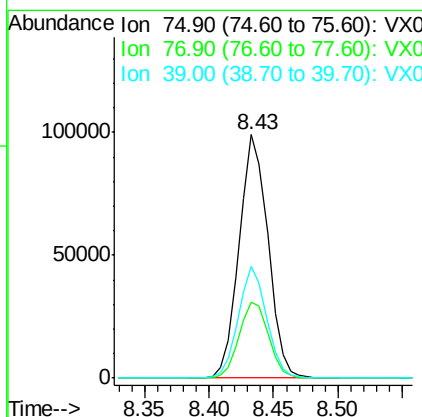
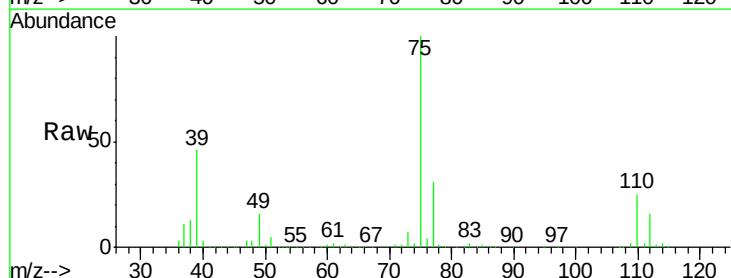
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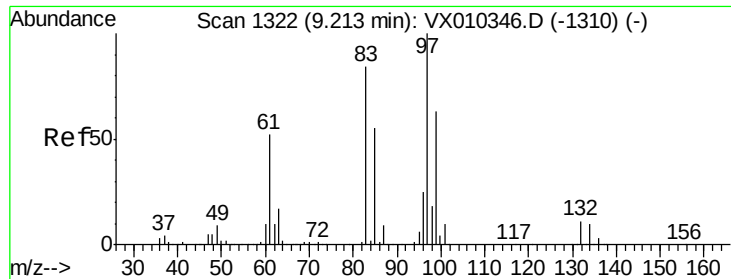
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#54
cis-1,3-Dichloropropene
Concen: 50.160 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX010656.D
Acq: 03 Jul 2019 21:28

Tgt Ion: 75 Resp: 154061
Ion Ratio Lower Upper
75 100
77 31.4 25.2 37.8
39 45.7 34.5 51.7





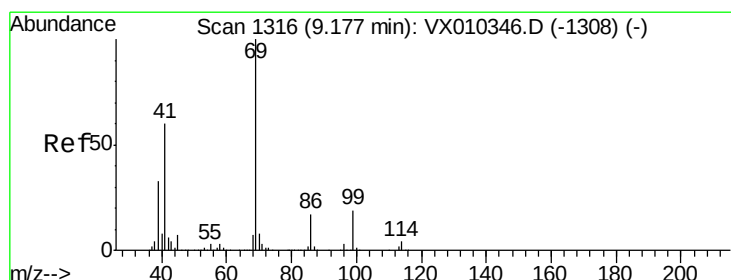
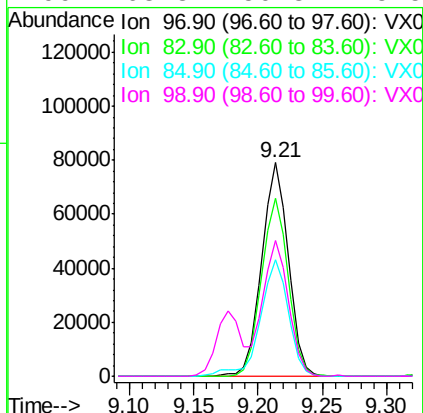
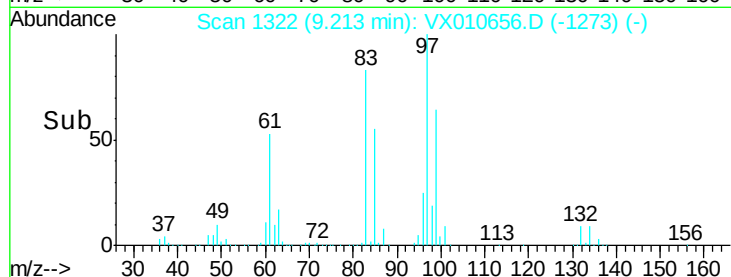
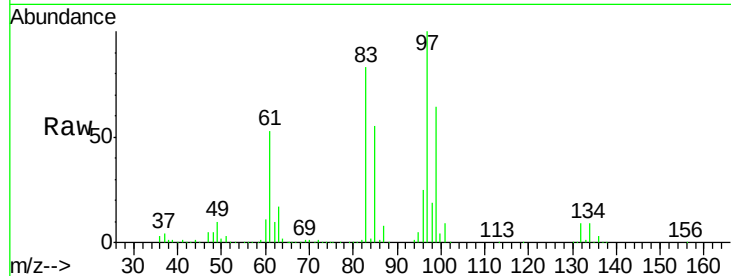
#55
 1,1,2-Trichloroethane
 Concen: 54.903 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX010656.D
 Acq: 03 Jul 2019 21:28

Instrument :
 MSVOA_X
 ClientSampleId :
 SP19-JMW0991MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		113209		
83	83.2	67.4	101.0		
85	54.6	43.8	65.8		
99	63.3	50.3	75.5		

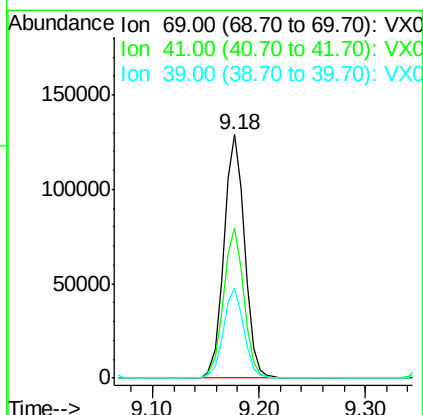
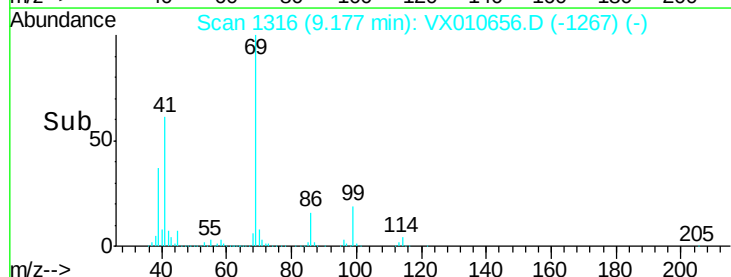
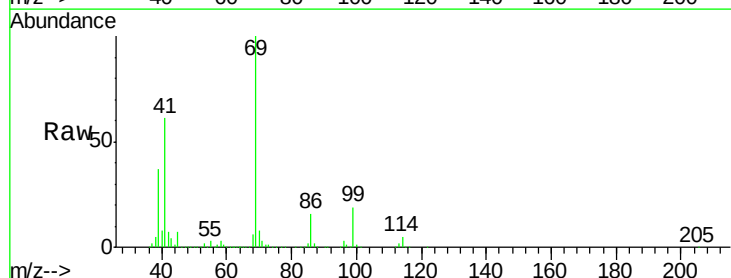
Manual Integrations
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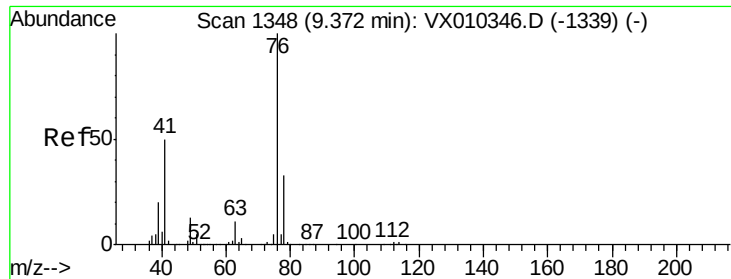
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#56
 Ethyl methacrylate
 Concen: 56.306 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX010656.D
 Acq: 03 Jul 2019 21:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		175881		
41	60.6	47.1	70.7		
39	36.1	26.6	40.0		





#57

1,3-Dichloropropane

Concen: 55.476 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX010656.D

Acq: 03 Jul 2019 21:28

Instrument :

MSVOA_X

ClientSampleId :

SP19-JMW0991MS

Tot Ion: 76 Resp: 177568

Ion Ratio Lower Upper

76 100

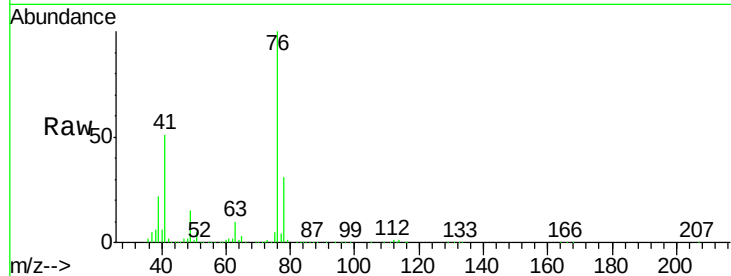
78 32.2 26.1 39.1

Manual Integrations

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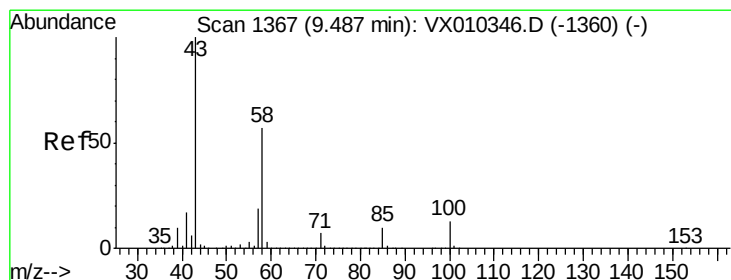
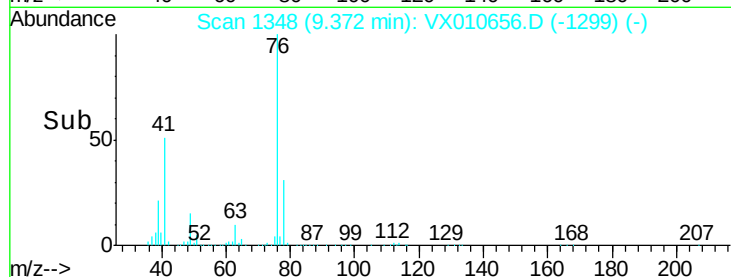
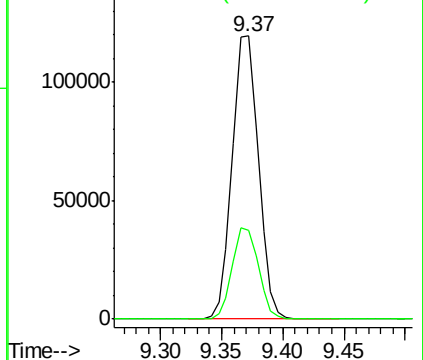
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#59

2-Hexanone

Concen: 288.961 ug/l

RT: 9.49 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VX010656.D

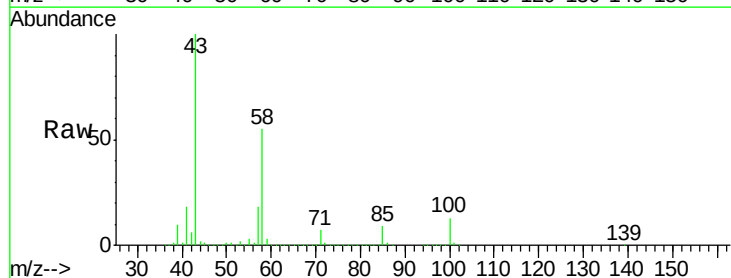
Acq: 03 Jul 2019 21:28

Tgt Ion: 43 Resp: 603300

Ion Ratio Lower Upper

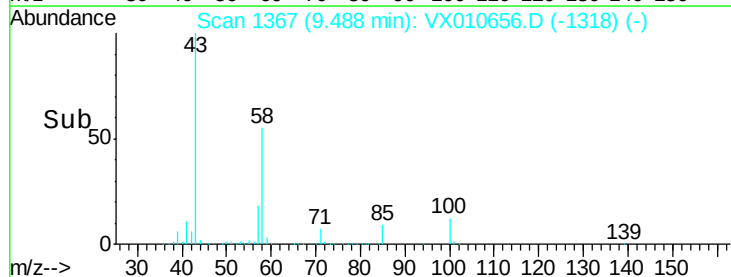
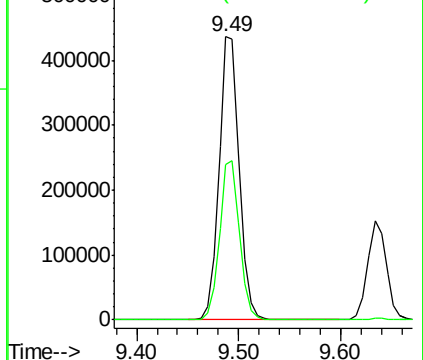
43 100

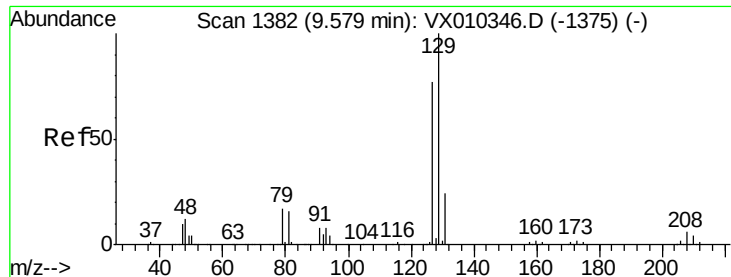
58 55.6 29.0 87.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





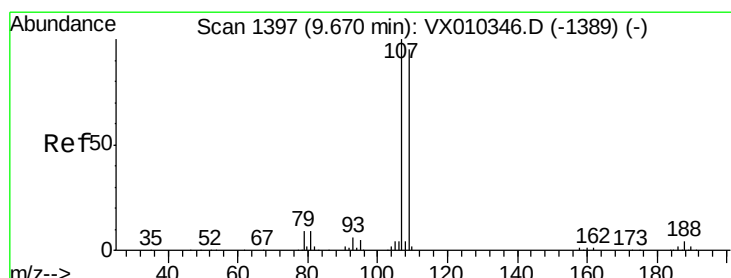
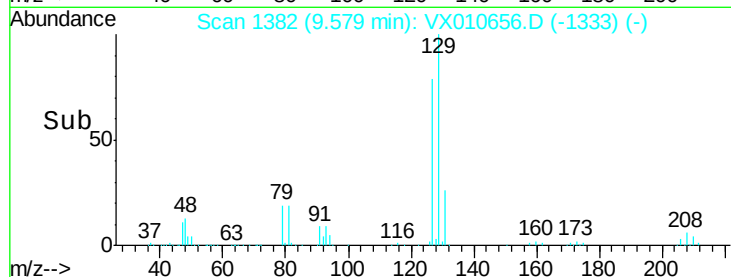
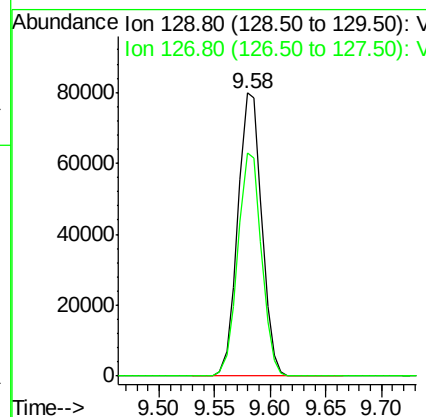
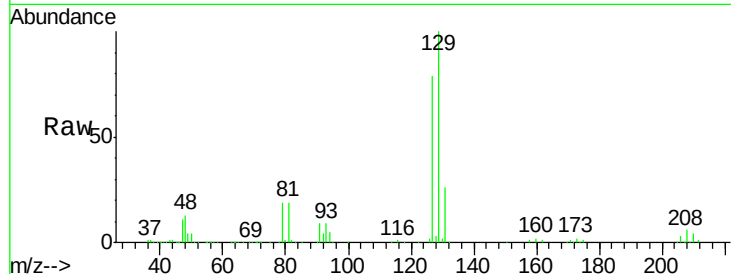
#60
 Dibromochloromethane
 Concen: 51.461 ug/l
 RT: 9.58 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: VX010656.D
 Acq: 03 Jul 2019 21:28

Instrument :
 MSVOA_X
 ClientSampleId :
 SP19-JMW0991MS

Tot Ion	Ratio	Lower	Upper
129	100		
127	78.4	38.4	115.1

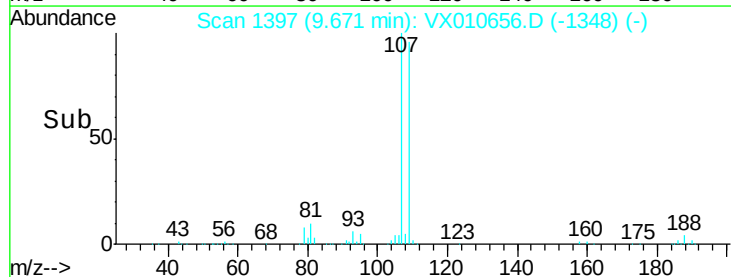
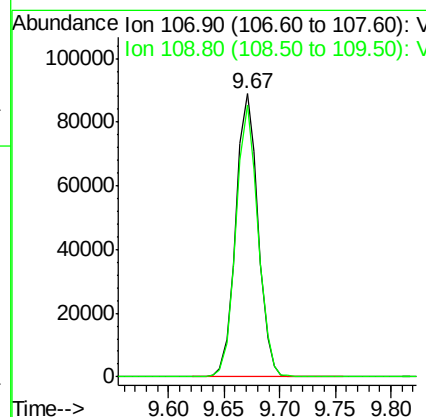
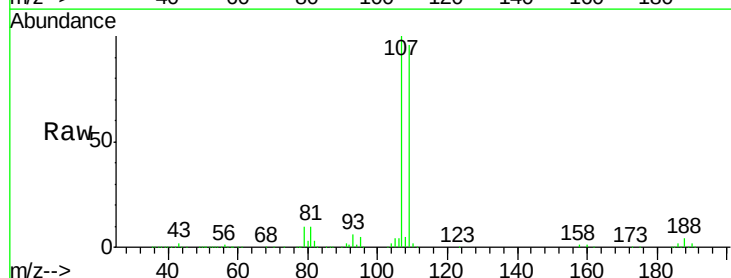
Manual Integrations
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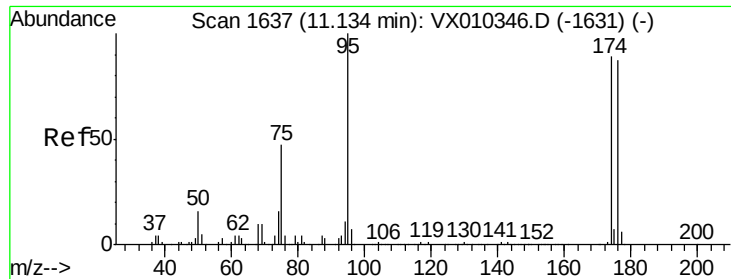
MMDadoda
 7/8/2019 2:40:50 PM



#61
 1,2-Dibromoethane
 Concen: 55.247 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX010656.D
 Acq: 03 Jul 2019 21:28

Tgt Ion	Ratio	Lower	Upper
107	100		
109	95.3	75.8	113.6





#62

4-Bromofluorobenzene

Concen: 49.712 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010656.D

Acq: 03 Jul 2019 21:28

Instrument :

MSVOA_X

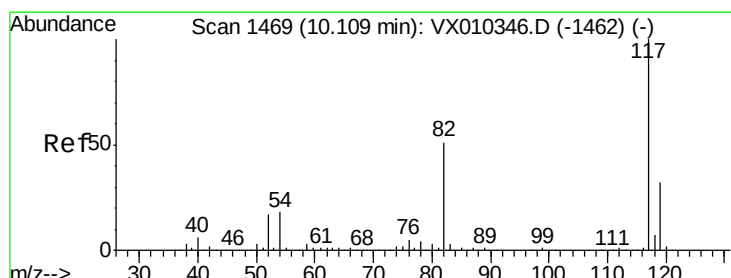
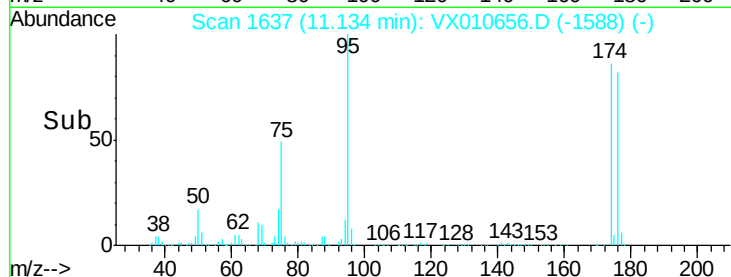
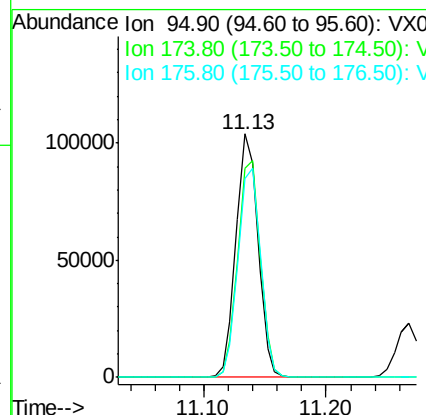
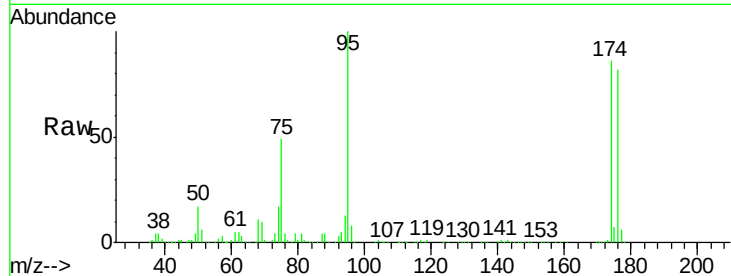
ClientSampleId :

SP19-JMW0991MS

Tot Ion	95	Resp	128831
Ion Ratio	Lower	Upper	
95	100		
174	91.3	0.0	187.6
176	88.6	0.0	184.0

Manual Integrations
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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

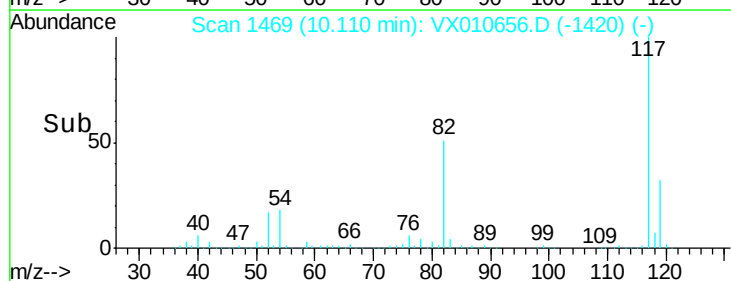
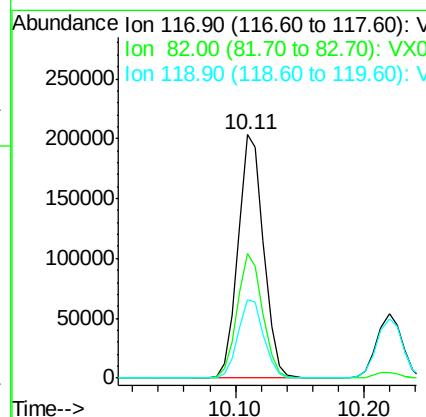
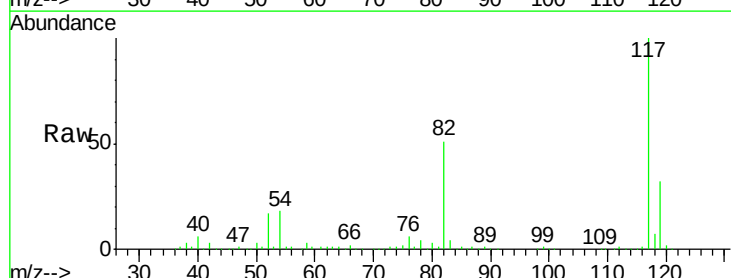
RT: 10.11 min Scan# 1469

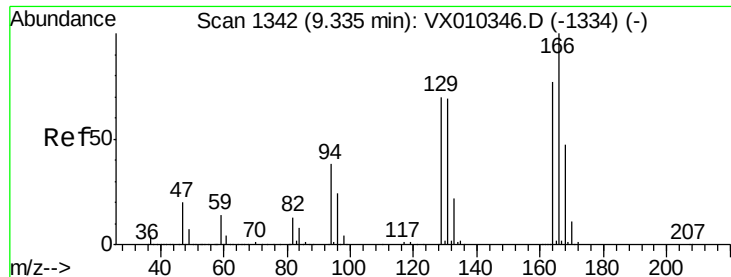
Delta R.T. 0.00 min

Lab File: VX010656.D

Acq: 03 Jul 2019 21:28

Tgt Ion	117	Resp	280276
Ion Ratio	Lower	Upper	
117	100		
82	51.2	41.2	61.8
119	32.5	25.5	38.3





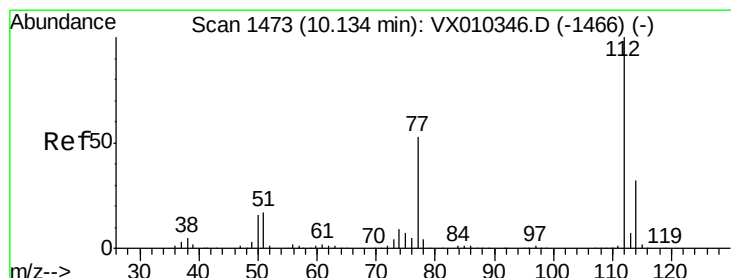
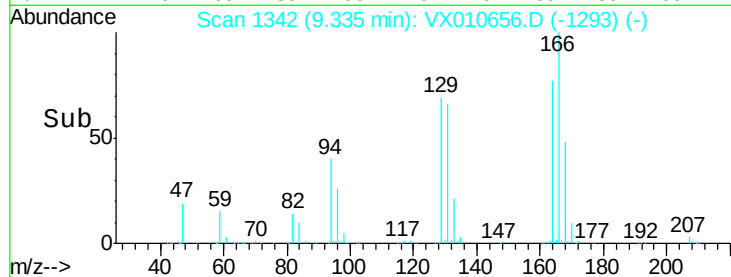
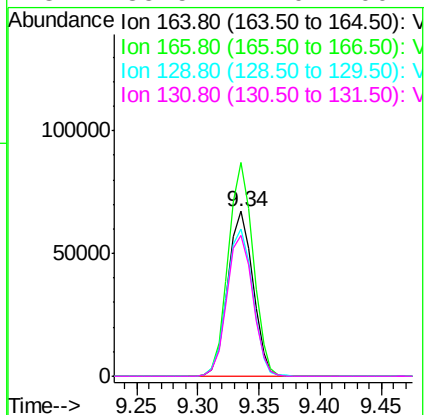
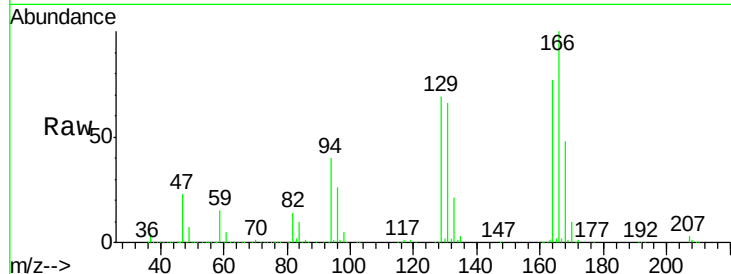
#64
 Tetrachloroethene
 Concen: 42.221 ug/l
 RT: 9.34 min Scan# 1342
 Delta R.T. 0.00 min
 Lab File: VX010656.D
 Acq: 03 Jul 2019 21:28

Instrument :
 MSVOA_X
 ClientSampleId :
 SP19-JMW0991MS

Tot Ion	164	166	129	131
Resp:	95712			
Ion Ratio	100	129.5	89.1	85.5
Lower		103.6	73.0	71.0
Upper		155.4	109.4	106.4

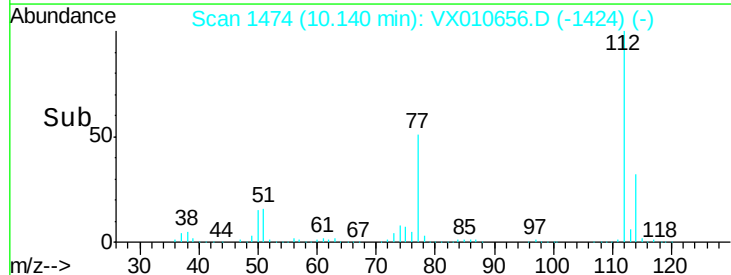
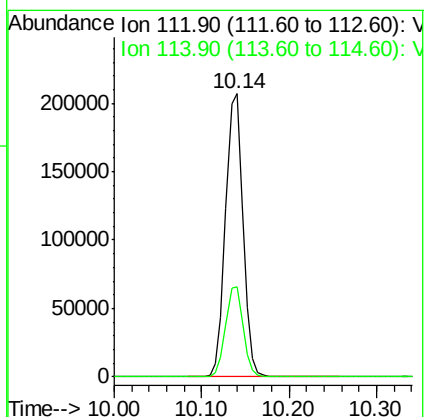
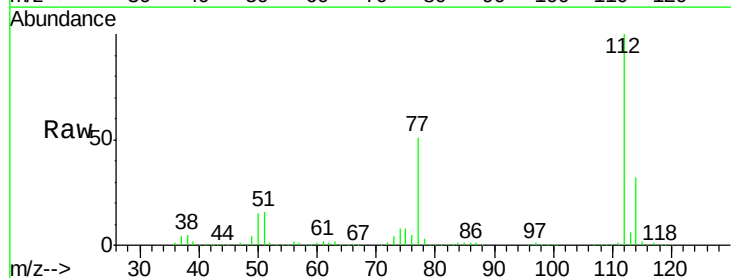
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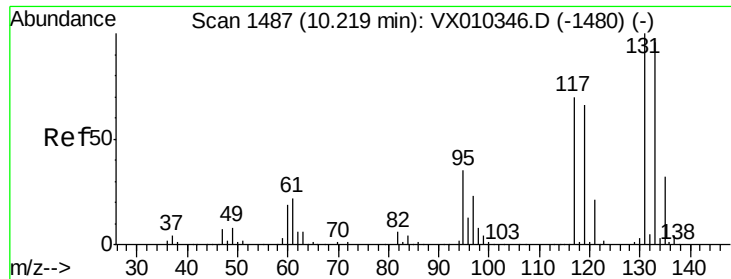
MMDadoda
 7/8/2019 2:40:50 PM



#65
 Chlorobenzene
 Concen: 50.185 ug/l
 RT: 10.14 min Scan# 1474
 Delta R.T. 0.01 min
 Lab File: VX010656.D
 Acq: 03 Jul 2019 21:28

Tgt Ion	112	114
Resp:	285559	
Ion Ratio	100	32.0
Lower		25.4
Upper		38.2





#66

1,1,1,2-Tetrachloroethane

Concen: 52.050 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX010656.D

Acq: 03 Jul 2019 21:28

Instrument :

MSVOA_X

ClientSampleId :

SP19-JMW0991MS

Tot Ion:131 Resp: 107881

Ion Ratio Lower Upper

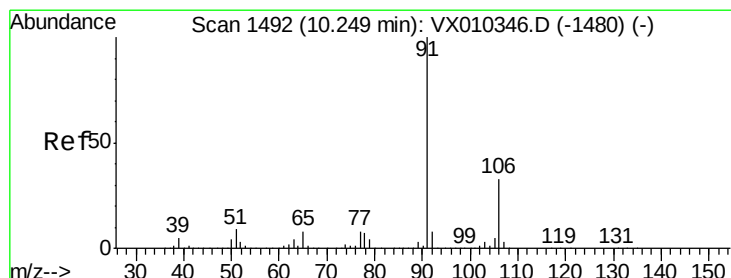
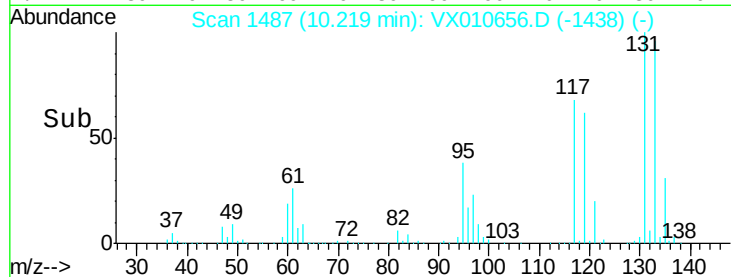
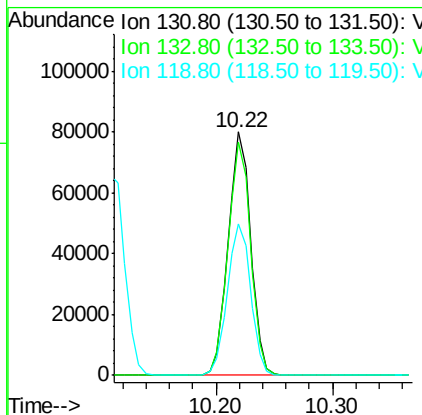
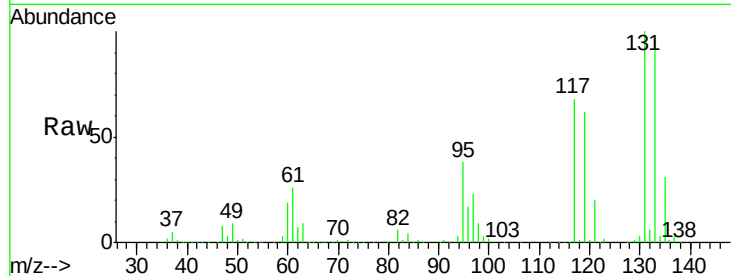
131 100

133 96.6 47.7 143.1

119 64.4 32.6 97.7

Manual Integrations
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#67

Ethyl Benzene

Concen: 49.196 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX010656.D

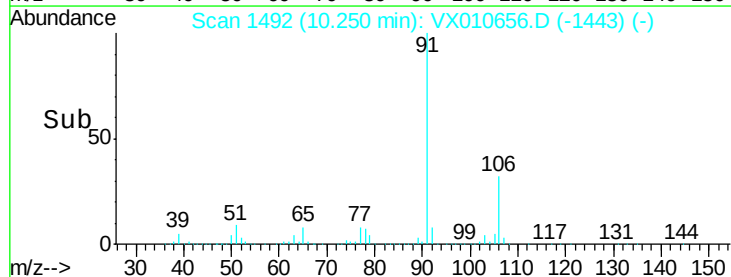
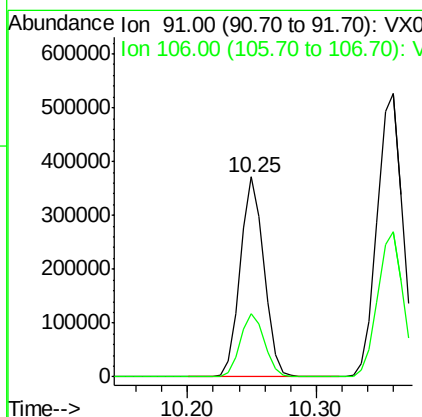
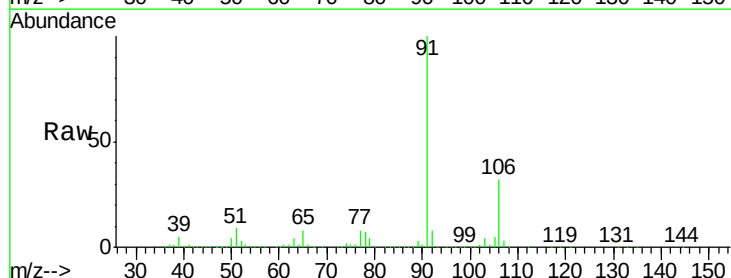
Acq: 03 Jul 2019 21:28

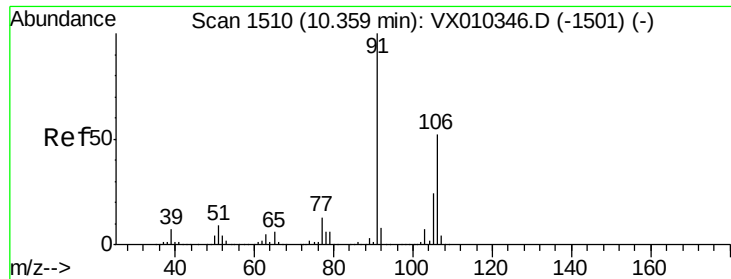
Tgt Ion: 91 Resp: 472591

Ion Ratio Lower Upper

91 100

106 31.8 26.2 39.2





#68

m/p-Xylenes

Concen: 97.666 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX010656.D

Acq: 03 Jul 2019 21:28

Instrument :

MSVOA_X

ClientSampleId :

SP19-JMW0991MS

Tot Ion:106 Resp: 363530

Ion Ratio Lower Upper

106 100

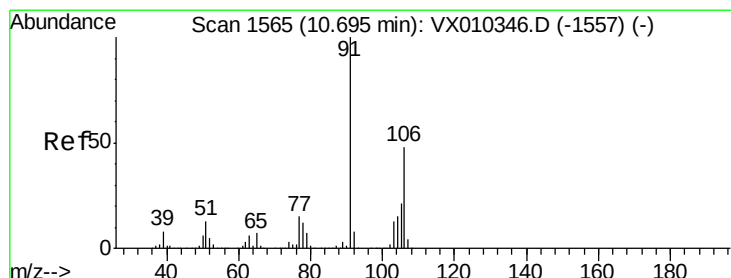
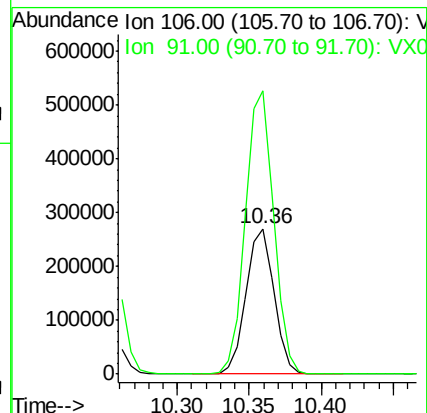
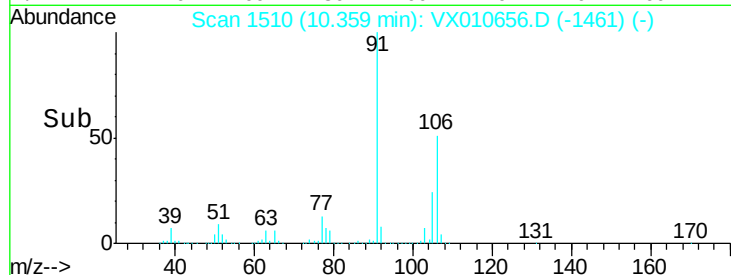
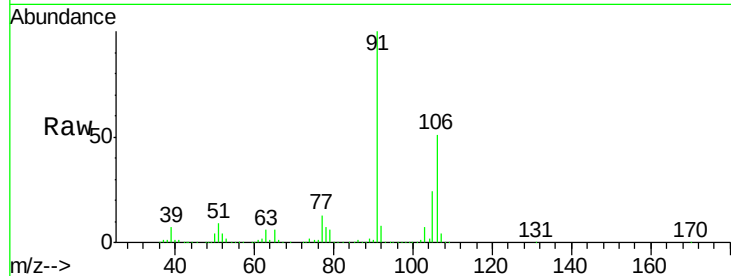
91 196.9 155.3 232.9

Manual Integrations

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#69

o-Xylene

Concen: 49.875 ug/l

RT: 10.70 min Scan# 1566

Delta R.T. 0.01 min

Lab File: VX010656.D

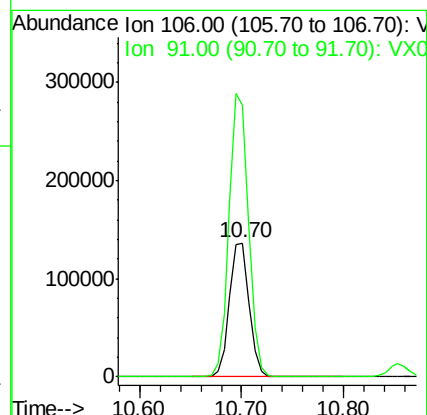
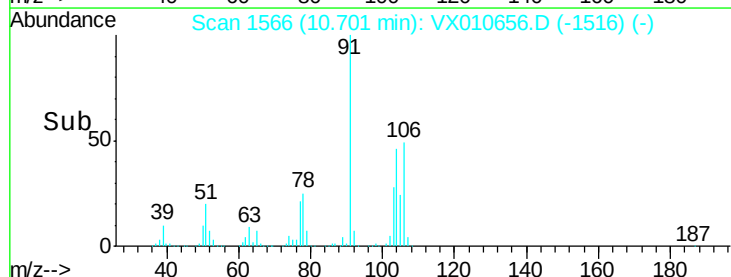
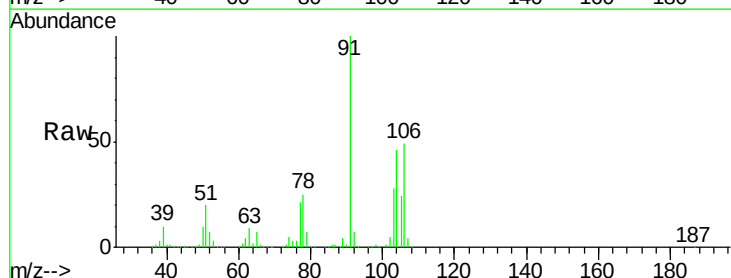
Acq: 03 Jul 2019 21:28

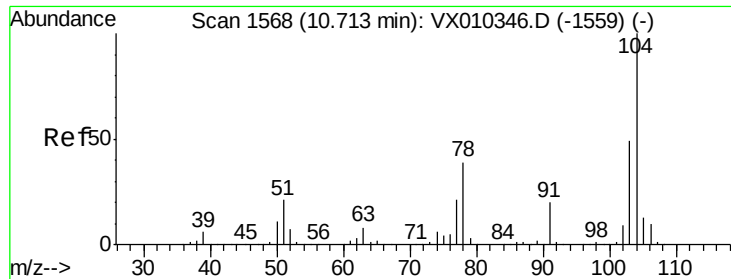
Tgt Ion:106 Resp: 182563

Ion Ratio Lower Upper

106 100

91 208.3 102.7 308.1





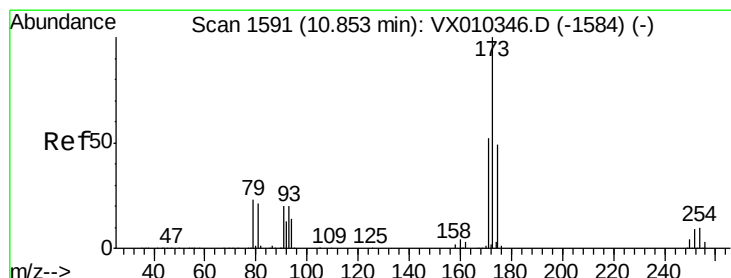
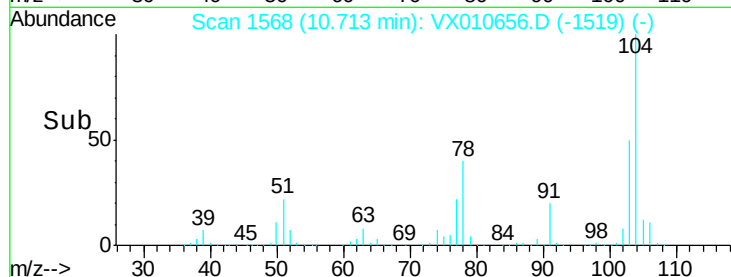
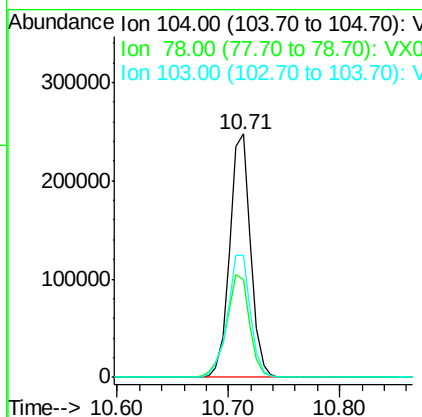
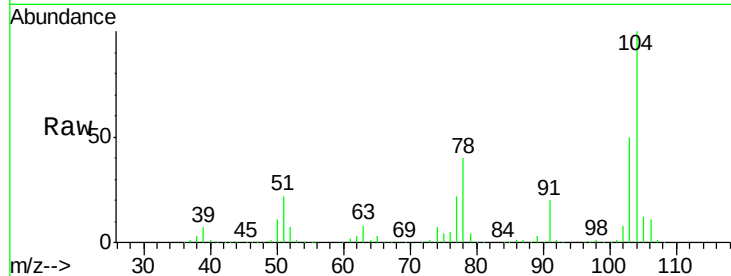
#70
Stvrene
Concen: 52.052 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX010656.D
Acq: 03 Jul 2019 21:28

Instrument :
MSVOA_X
ClientSampleId :
SP19-JMW0991MS

Tot Ion	Ratio	Lower	Upper
104	100		
78	46.8	36.2	54.2
103	55.3	44.2	66.4

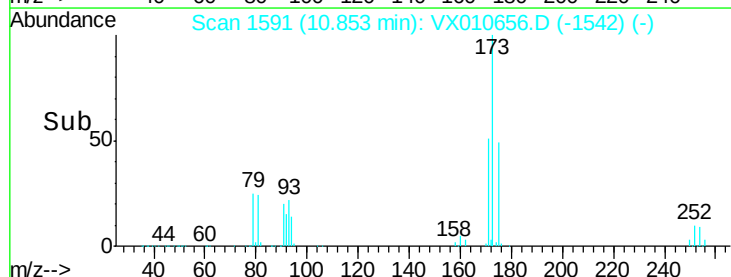
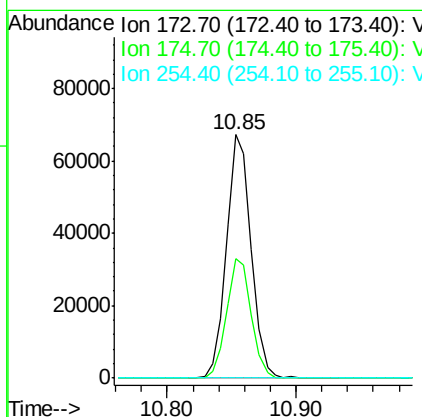
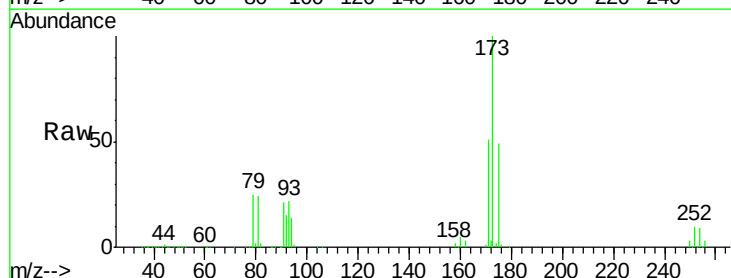
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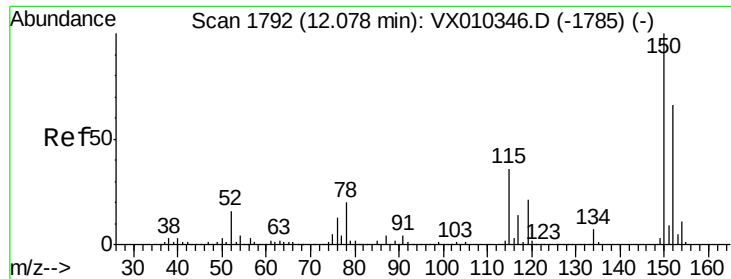
MMDadoda
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#71
Bromoform
Concen: 49.972 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX010656.D
Acq: 03 Jul 2019 21:28

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.2	24.1	72.3
254	0.1	0.2	0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010656.D

Acq: 03 Jul 2019 21:28

Instrument :

MSVOA_X

ClientSampleId :

SP19-JMW0991MS

Tot Ion:152 Resp: 142385

Ion Ratio Lower Upper

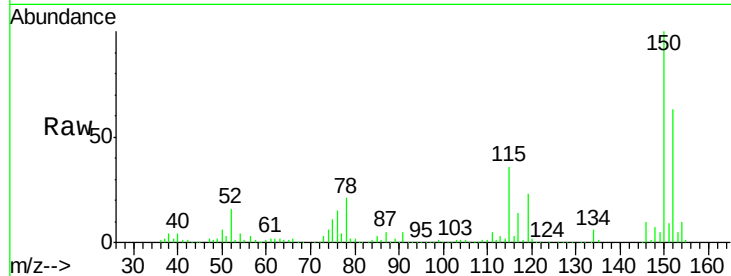
152 100

115 76.9 38.6 115.7

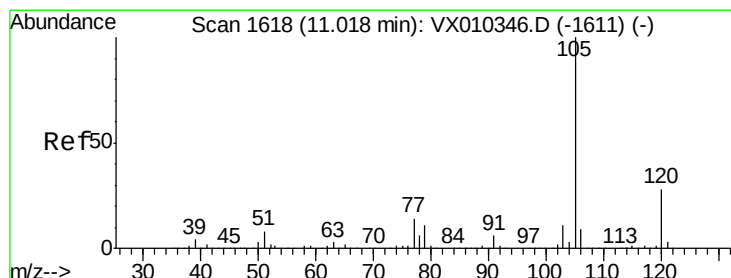
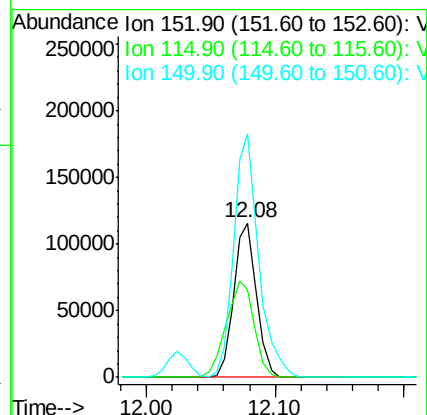
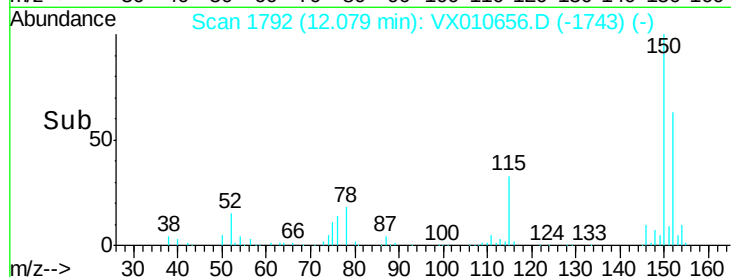
150 174.5 0.0 347.4

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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: 47.136 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010656.D

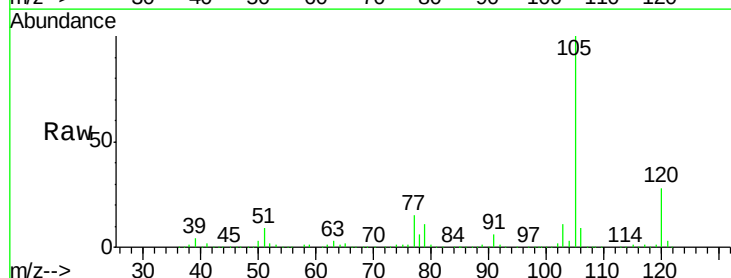
Acq: 03 Jul 2019 21:28

Tgt Ion:105 Resp: 454958

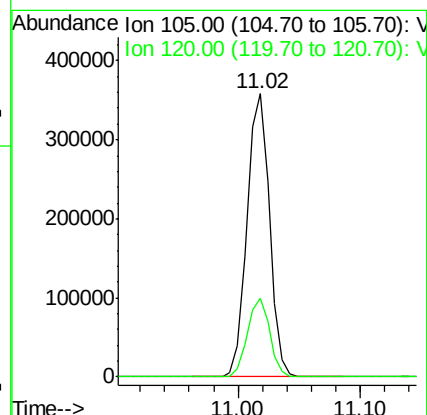
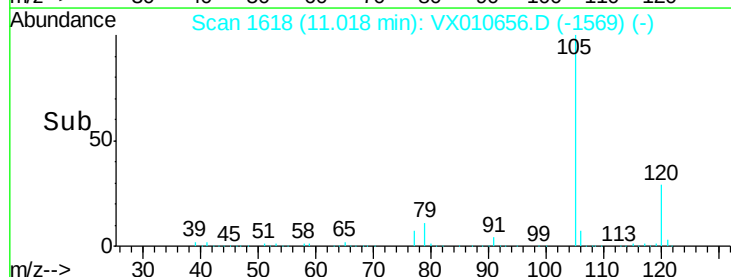
Ion Ratio Lower Upper

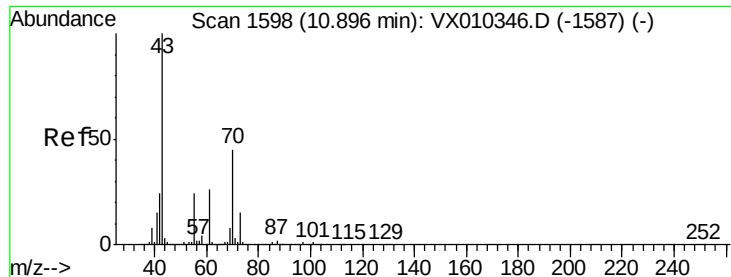
105 100

120 27.7 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 50.627 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010656.D

Acq: 03 Jul 2019 21:28

Instrument :

MSVOA_X

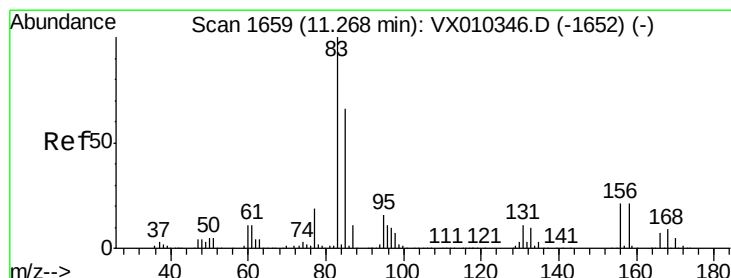
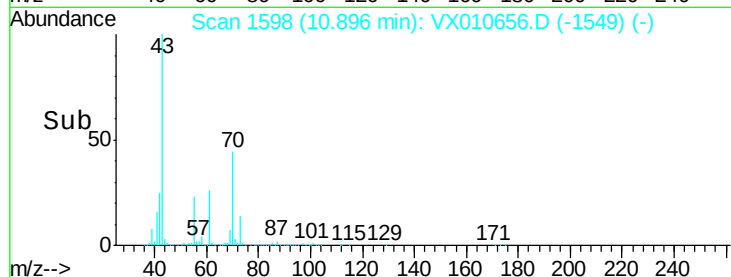
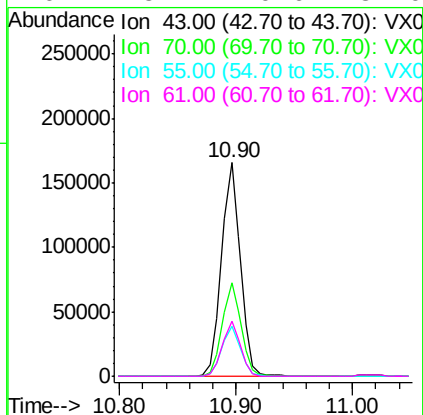
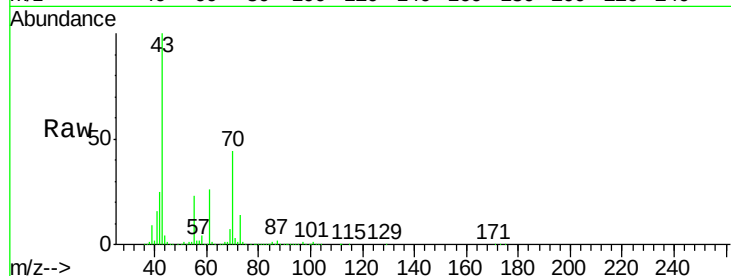
ClientSampleId :

SP19-JMW0991MS

Tot Ion	Ion	Ratio	Lower	Upper
43	100			
70	43.9	36.6	54.8	
55	23.5	18.7	28.1	
61	25.1	20.6	31.0	

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#75

1,1,2,2-Tetrachloroethane

Concen: 55.594 ug/l

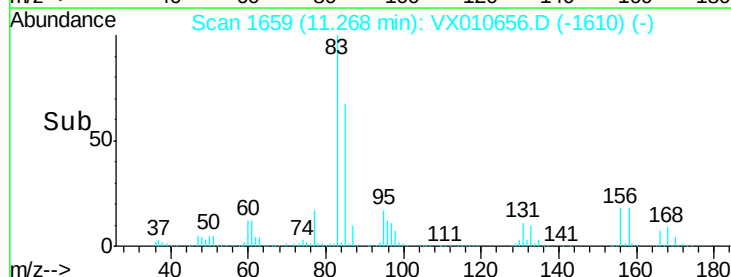
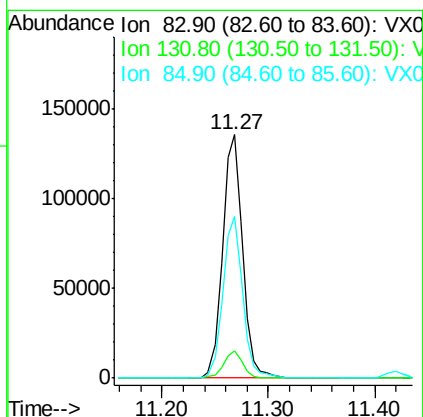
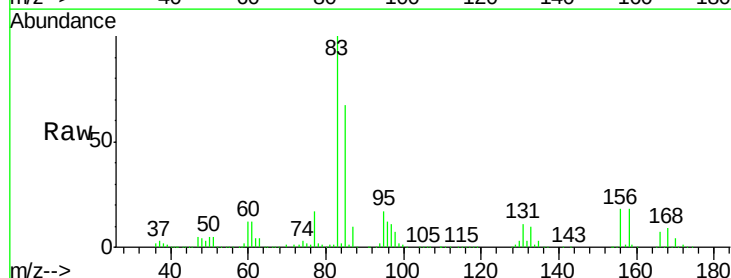
RT: 11.27 min Scan# 1659

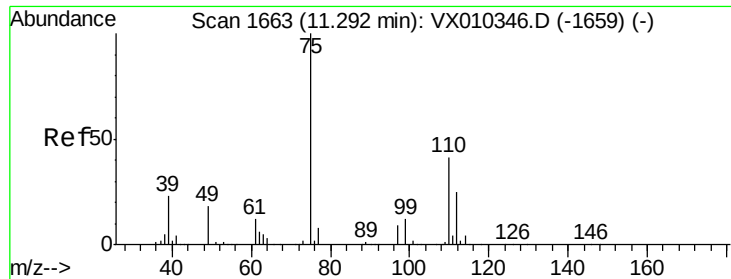
Delta R.T. 0.00 min

Lab File: VX010656.D

Acq: 03 Jul 2019 21:28

Tgt Ion	Ion	Ratio	Lower	Upper
83	100			
131	10.9	5.5	16.4	
85	65.6	32.3	96.8	





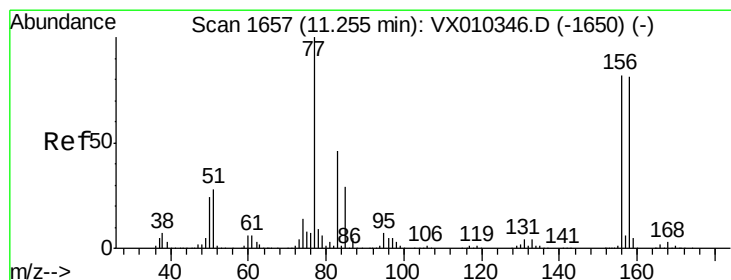
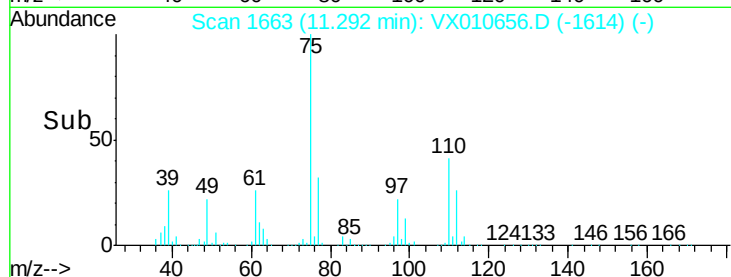
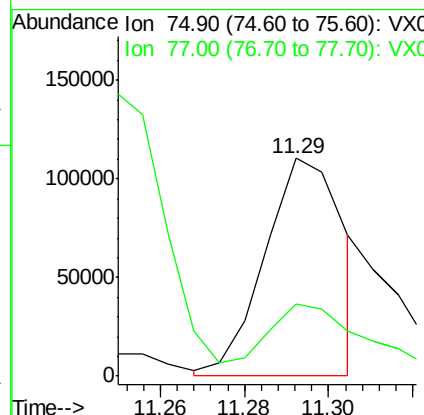
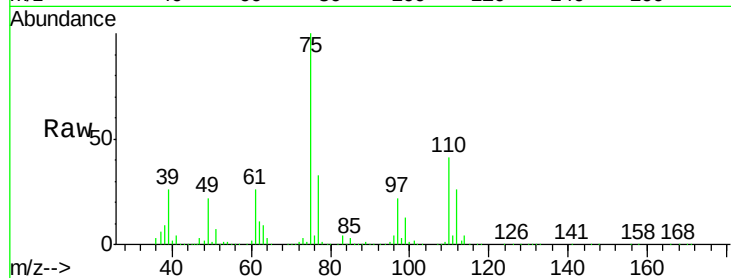
#76
 1,2,3-Trichloropropane
 Concen: 55.405 ug/l m
 RT: 11.29 min Scan# 1663
 Delta R.T. 0.00 min
 Lab File: VX010656.D
 Acq: 03 Jul 2019 21:28

Instrument :
 MSVOA_X
 ClientSampleId :
 SP19-JMW0991MS

Tot Ion: 75 Resp: 143755
 Ion Ratio Lower Upper
 75 100
 77 42.7 22.6 67.8

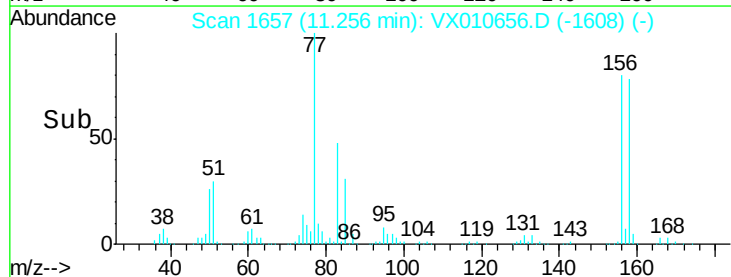
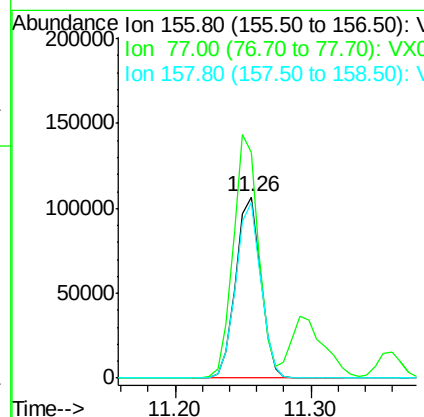
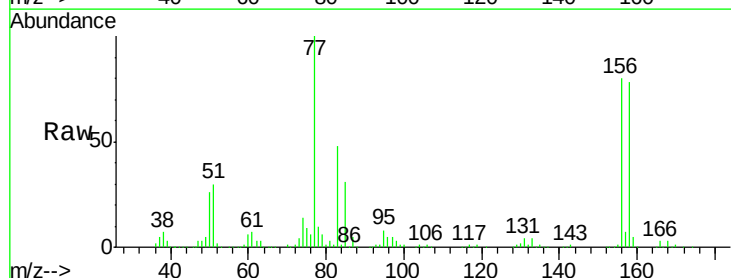
Manual Integrations
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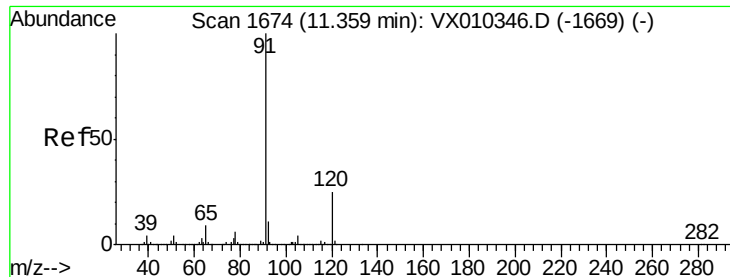
MMDadoda
 7/8/2019 2:40:50 PM



#77
 Bromobenzene
 Concen: 50.840 ug/l
 RT: 11.26 min Scan# 1657
 Delta R.T. 0.00 min
 Lab File: VX010656.D
 Acq: 03 Jul 2019 21:28

Tgt Ion: 156 Resp: 137018
 Ion Ratio Lower Upper
 156 100
 77 134.6 66.3 198.7
 158 97.1 48.9 146.7





#78

n-propylbenzene

Concen: 47.615 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010656.D

Acq: 03 Jul 2019 21:28

Instrument :

MSVOA_X

ClientSampleId :

SP19-JMW0991MS

Tot Ion: 91 Resp: 505101

Ion Ratio Lower Upper

91 100

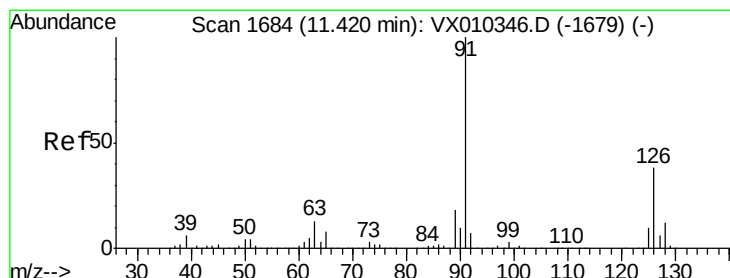
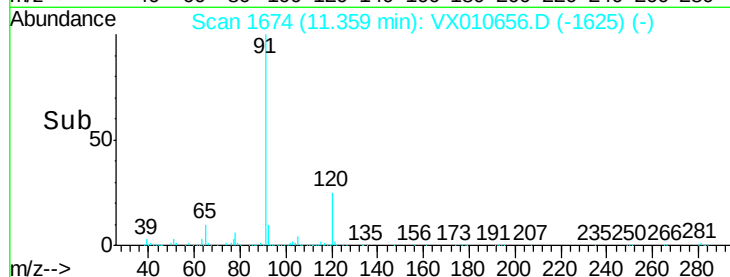
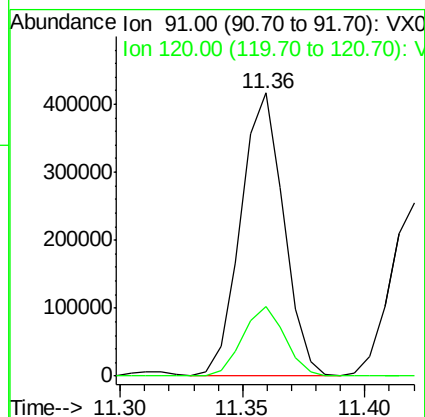
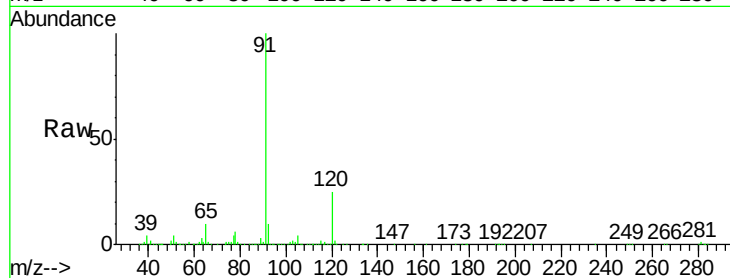
120 24.4 12.4 37.4

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#79

2-Chlorotoluene

Concen: 49.250 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX010656.D

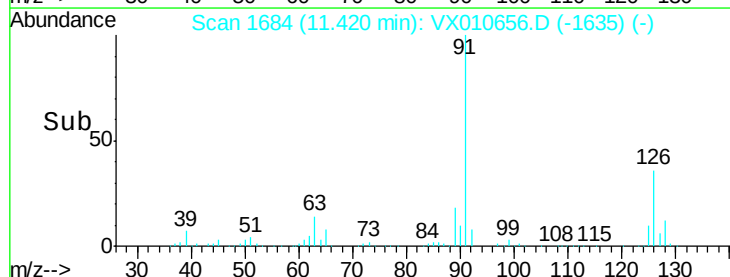
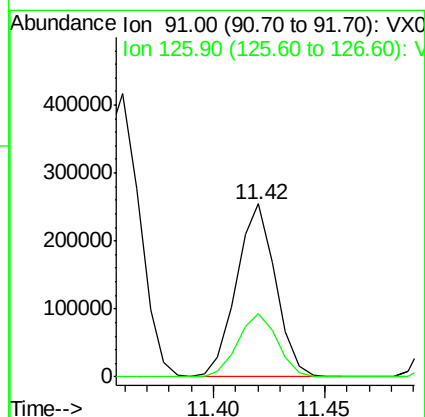
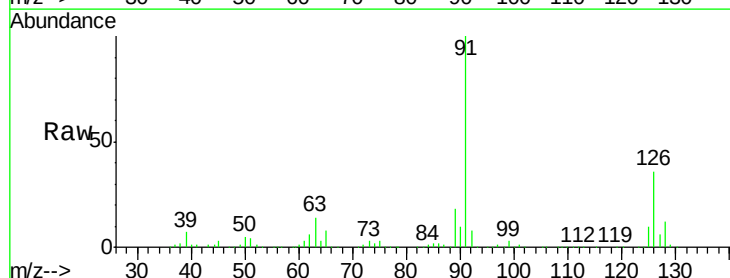
Acq: 03 Jul 2019 21:28

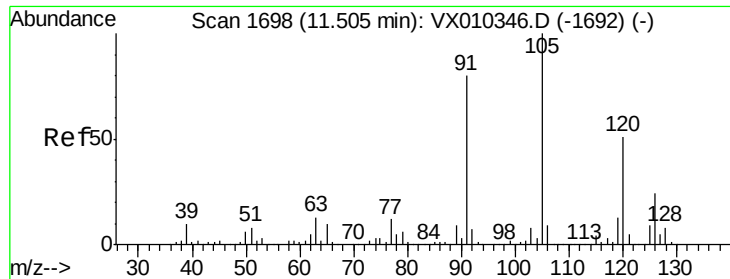
Tgt Ion: 91 Resp: 311102

Ion Ratio Lower Upper

91 100

126 37.2 18.7 56.1





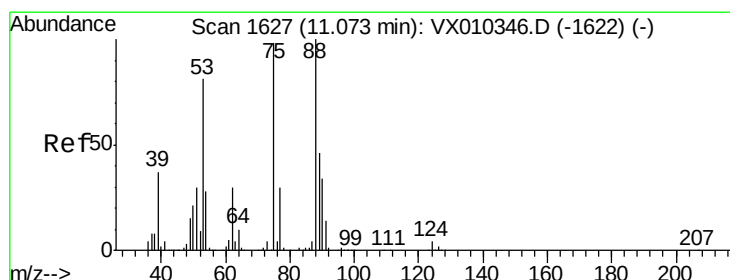
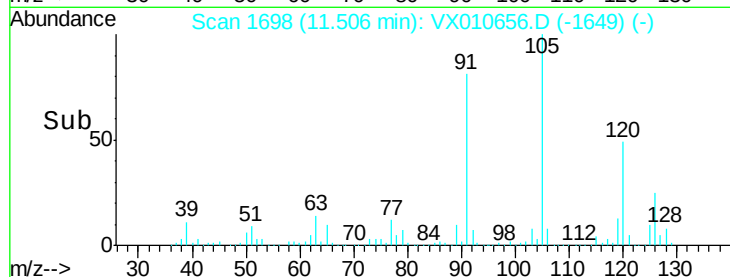
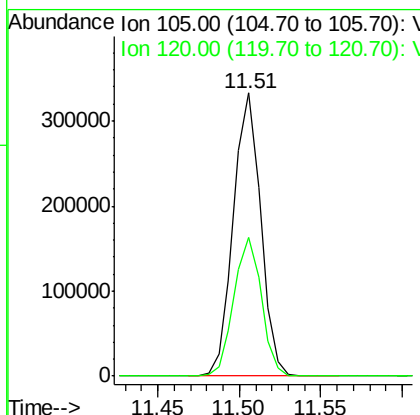
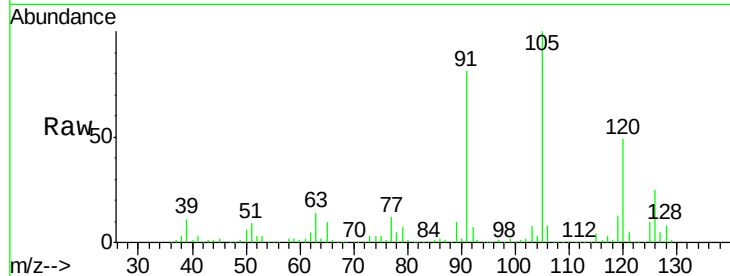
#80
 1,3,5-Trimethylbenzene
 Concen: 48.826 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010656.D
 Acq: 03 Jul 2019 21:28

Instrument :
 MSVOA_X
 ClientSampleId :
 SP19-JMW0991MS

Tot Ion:105 Resp: 388500
 Ion Ratio Lower Upper
 105 100
 120 49.2 25.2 75.6

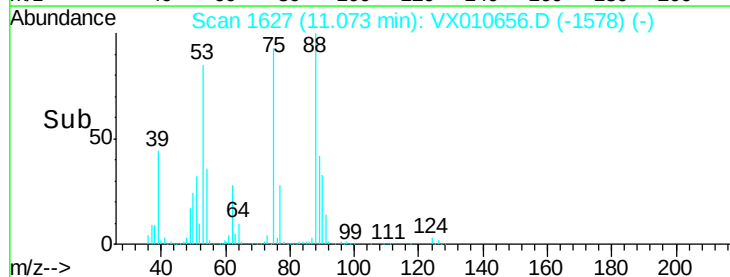
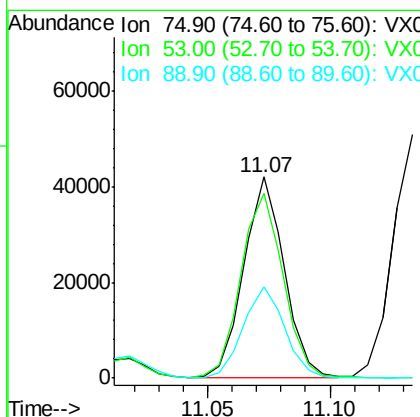
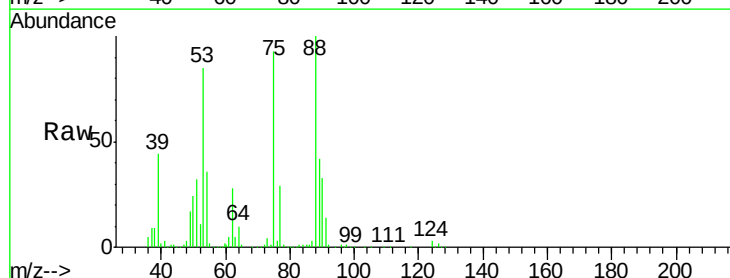
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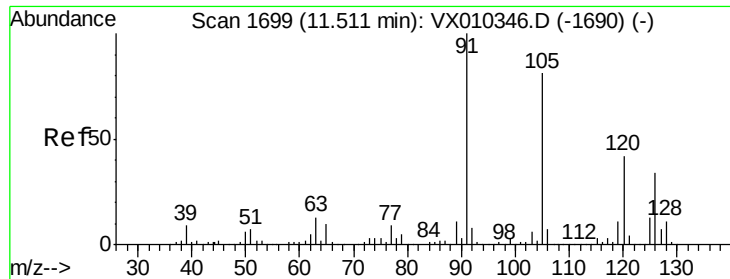
MMDadoda
 7/8/2019 2:40:50 PM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 42.930 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VX010656.D
 Acq: 03 Jul 2019 21:28

Tgt Ion: 75 Resp: 47746
 Ion Ratio Lower Upper
 75 100
 53 97.5 66.1 99.1
 89 47.3 37.8 56.6





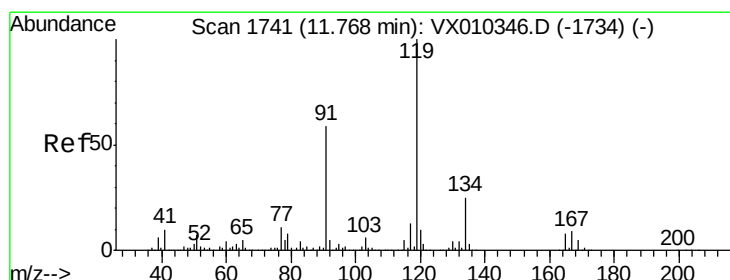
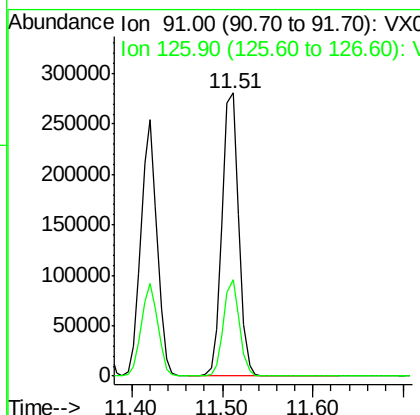
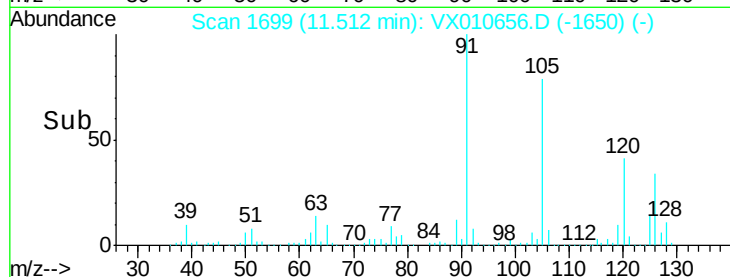
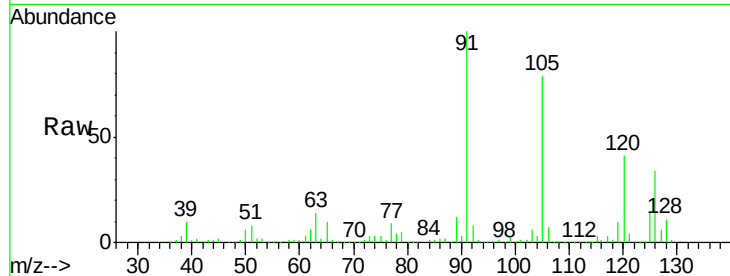
#82
4-Chlorotoluene
Concen: 50.099 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX010656.D
Acq: 03 Jul 2019 21:28

Instrument :
MSVOA_X
ClientSampleId :
SP19-JMW0991MS

Tot Ion: 91 Resp: 360104
Ion Ratio Lower Upper
91 100
126 32.6 16.2 48.6

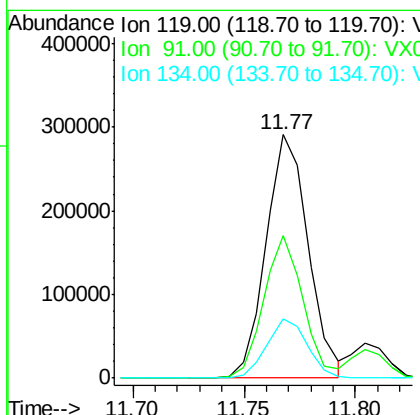
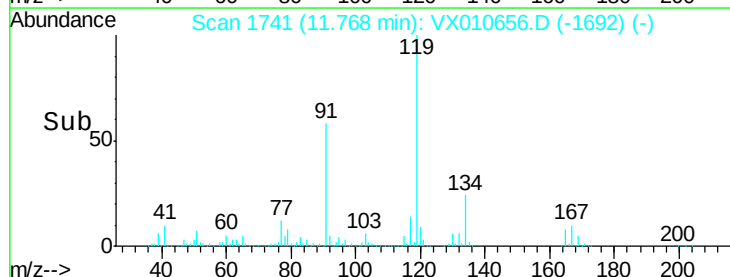
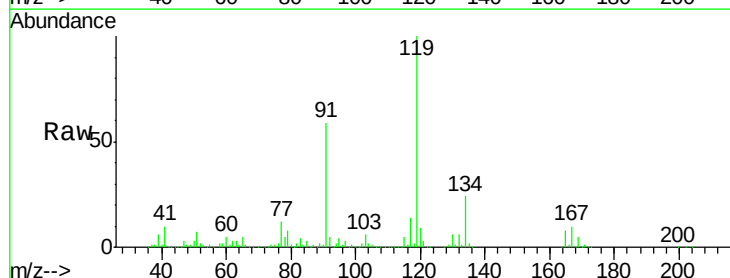
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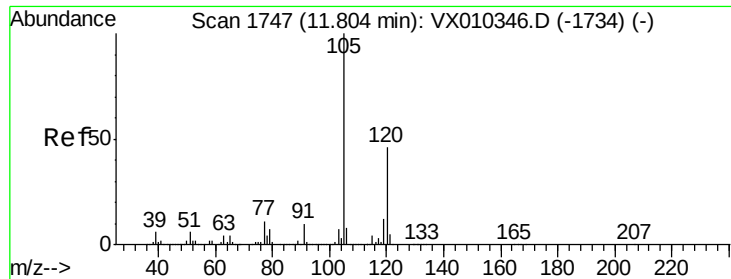
MMDadoda
7/8/2019 2:40:50 PM



#83
tert-Butylbenzene
Concen: 47.887 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX010656.D
Acq: 03 Jul 2019 21:28

Tgt Ion: 119 Resp: 382438
Ion Ratio Lower Upper
119 100
91 54.5 27.6 82.7
134 23.4 11.8 35.4





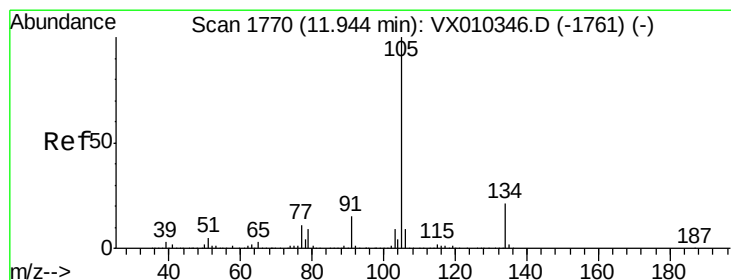
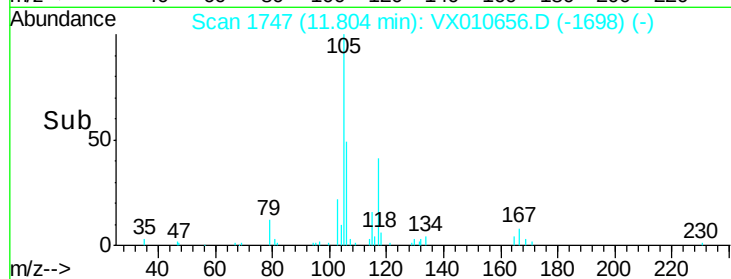
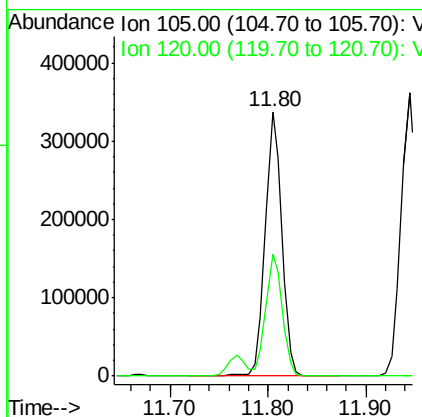
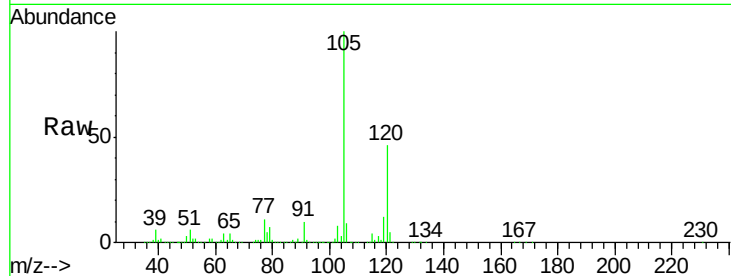
#84
 1,2,4-Trimethylbenzene
 Concen: 49.928 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX010656.D
 Acq: 03 Jul 2019 21:28

Instrument :
 MSVOA_X
 ClientSampleId :
 SP19-JMW0991MS

Tot Ion	Ratio	Resp	Lower	Upper
105	100	399130		
120	45.7	23.1	69.2	

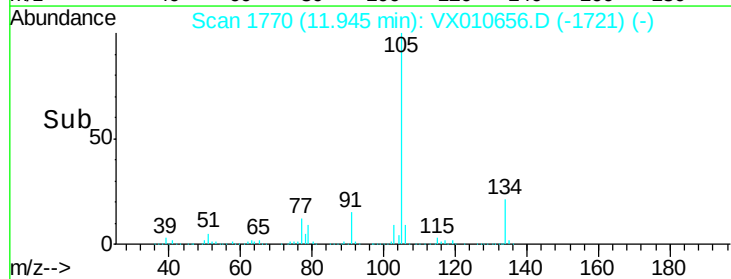
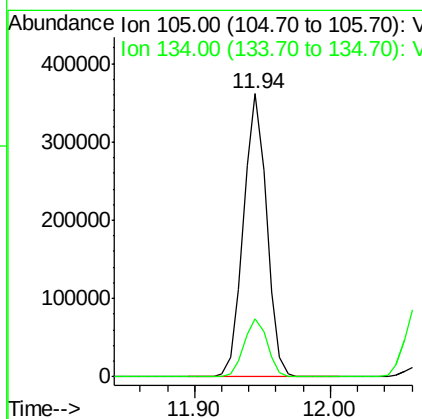
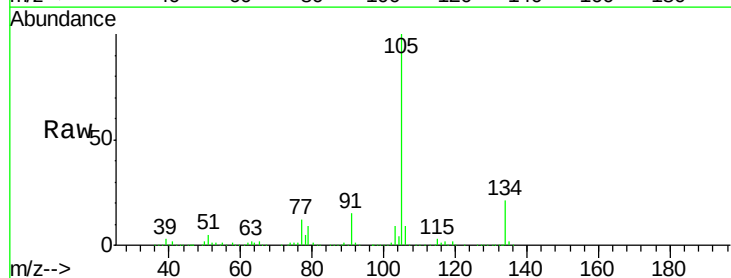
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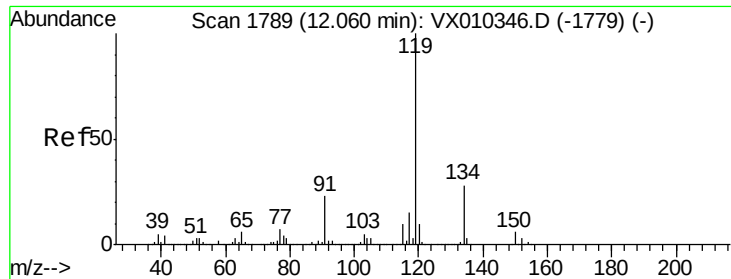
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#85
 sec-Butylbenzene
 Concen: 45.810 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX010656.D
 Acq: 03 Jul 2019 21:28

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	429551		
134	20.9	10.7	31.9	





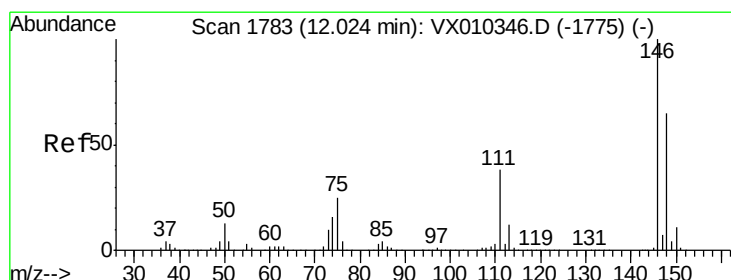
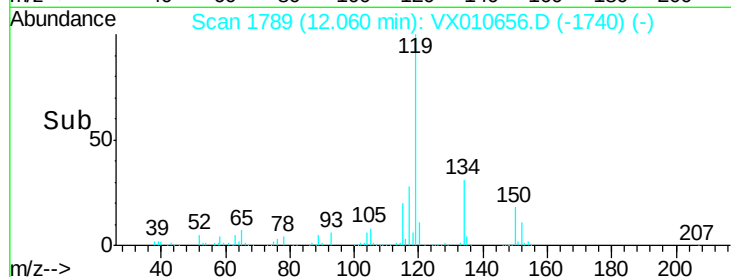
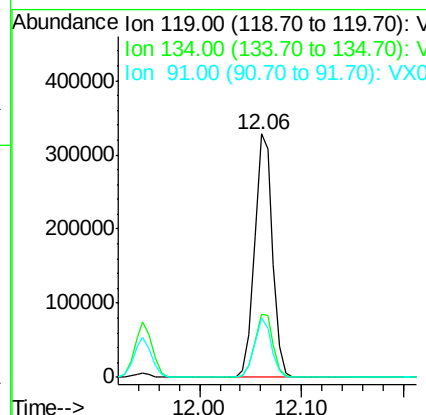
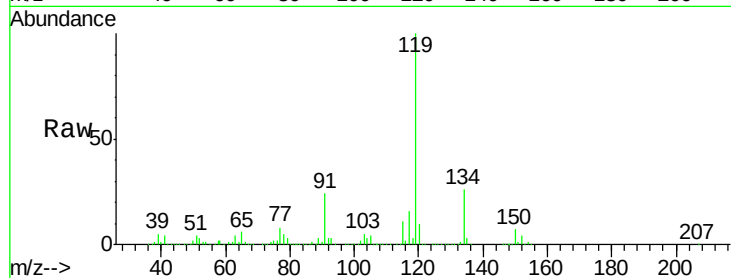
#86
p-Isopropyltoluene
Concen: 46.387 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX010656.D
Acq: 03 Jul 2019 21:28

Instrument :
MSVOA_X
ClientSampleId :
SP19-JMW0991MS

Tot Ion	Ratio	Resp	Lower	Upper
119	100	402333		
134	26.9		13.7	41.1
91	23.0		11.3	33.8

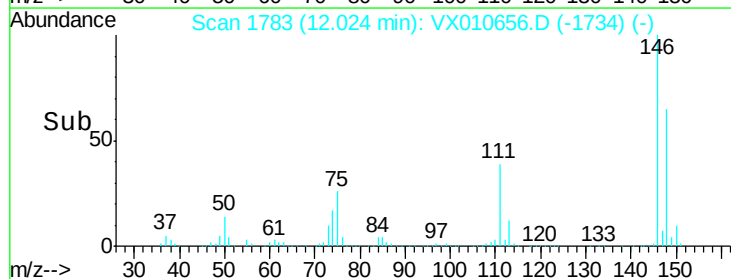
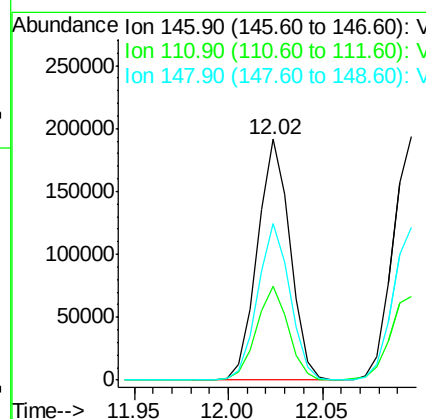
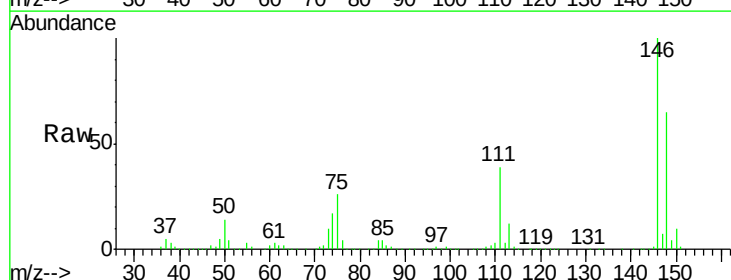
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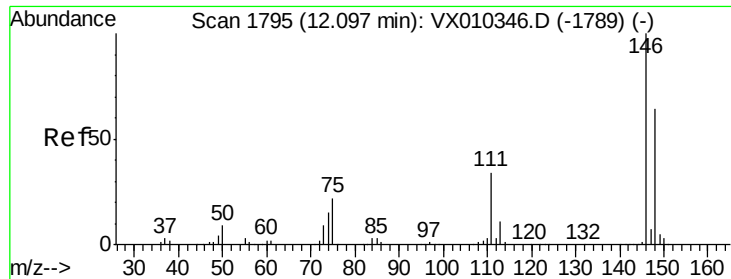
MMDadoda
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#87
1,3-Dichlorobenzene
Concen: 48.760 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VX010656.D
Acq: 03 Jul 2019 21:28

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	229392		
111	38.1		19.1	57.1
148	64.3		32.5	97.4





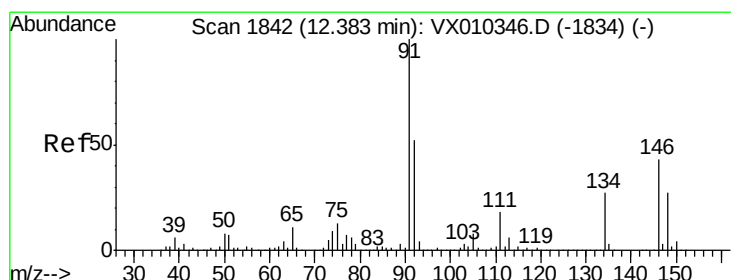
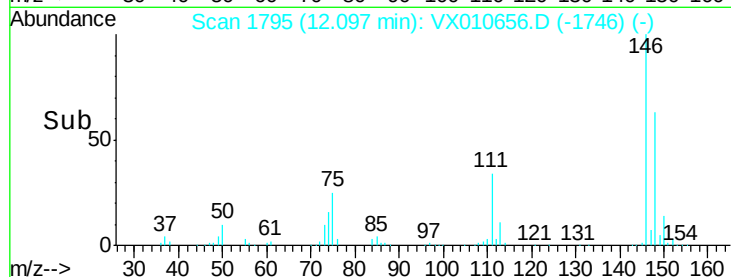
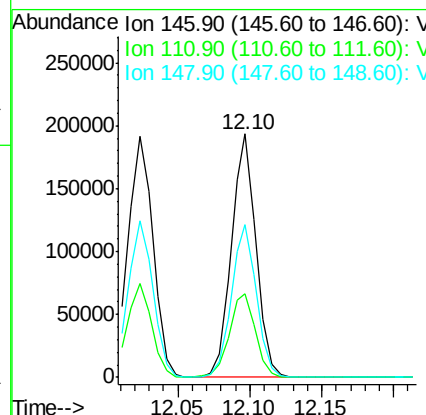
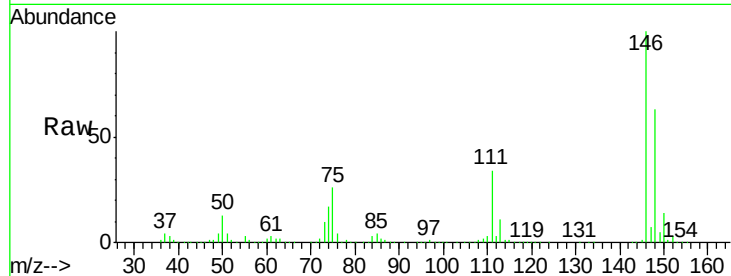
#88
 1,4-Dichlorobenzene
 Concen: 48.361 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010656.D
 Acq: 03 Jul 2019 21:28

Instrument :
 MSVOA_X
 ClientSampleId :
 SP19-JMW0991MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.6	18.1	54.3
148	63.9	32.1	96.3

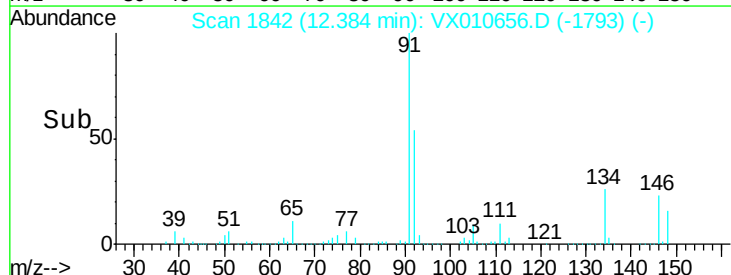
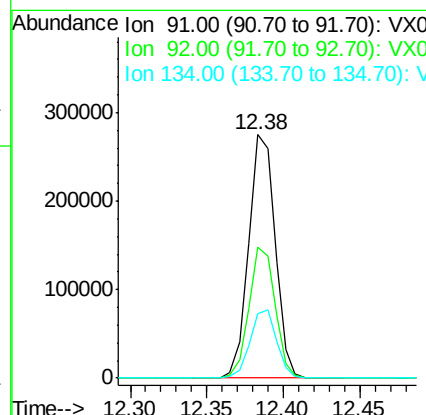
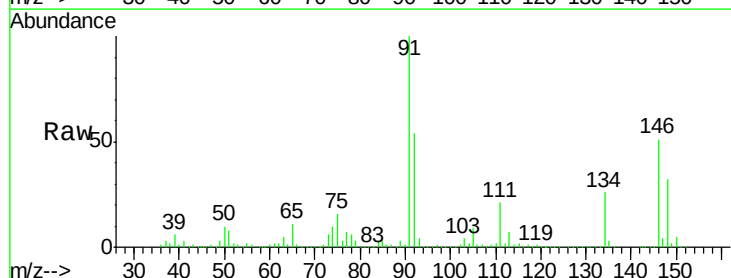
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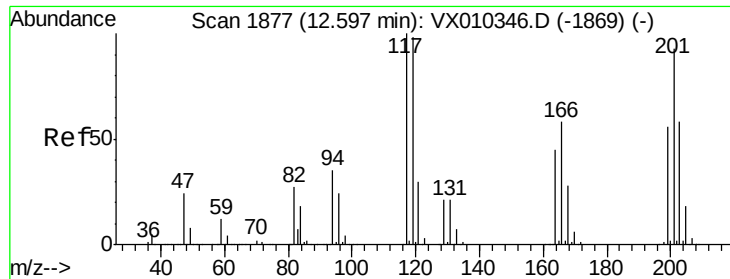
MMDadoda
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#89
 n-Butylbenzene
 Concen: 45.017 ug/l
 RT: 12.38 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX010656.D
 Acq: 03 Jul 2019 21:28

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.9	26.2	78.5
134	27.8	14.1	42.4





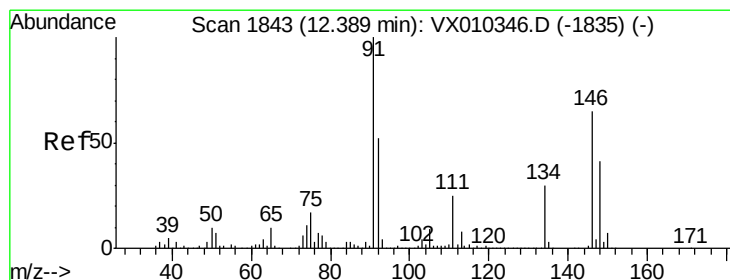
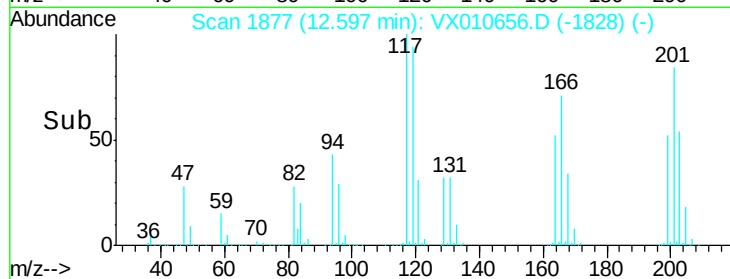
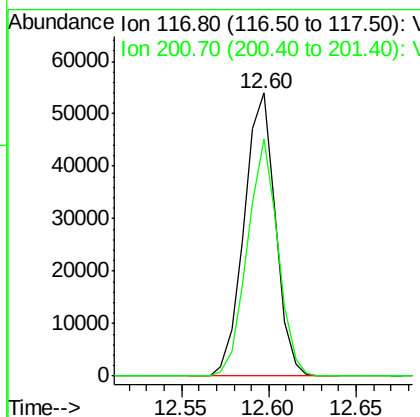
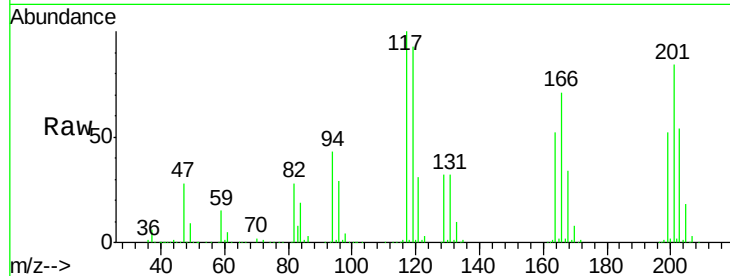
#90
Hexachloroethane
Concen: 44.662 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX010656.D
Acq: 03 Jul 2019 21:28

Instrument :
MSVOA_X
ClientSampleId :
SP19-JMW0991MS

Tot Ion:117 Resp: 66981
Ion Ratio Lower Upper
117 100
201 81.7 44.0 131.8

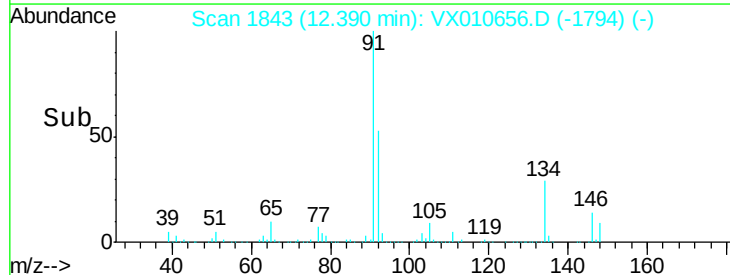
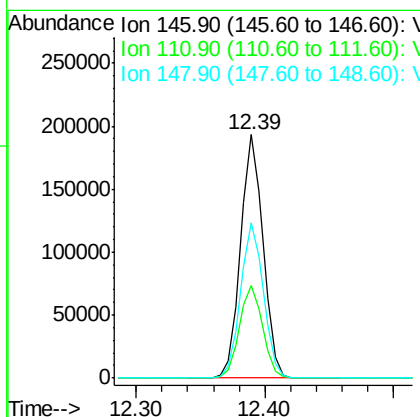
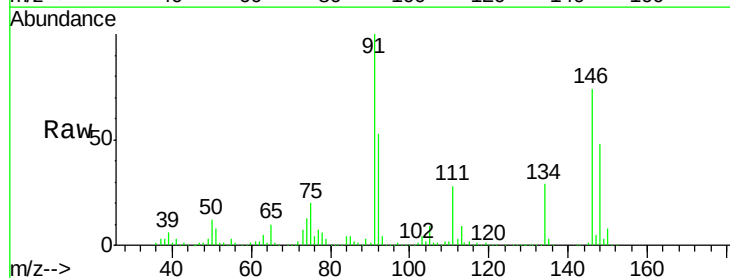
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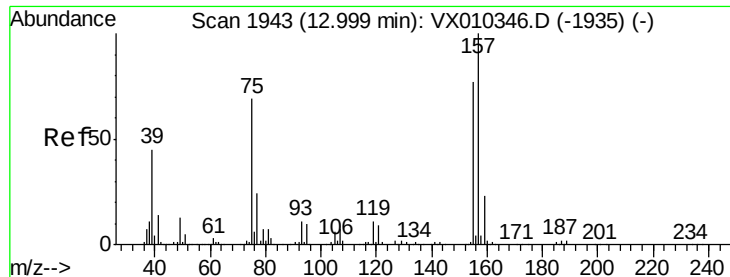
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#91
1,2-Dichlorobenzene
Concen: 49.936 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX010656.D
Acq: 03 Jul 2019 21:28

Tgt Ion:146 Resp: 233483
Ion Ratio Lower Upper
146 100
111 38.9 19.2 57.6
148 64.7 32.0 96.0





#92

1,2-Dibromo-3-Chloropropane

Concen: 52.897 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX010656.D

Acq: 03 Jul 2019 21:28

Instrument :

MSVOA_X

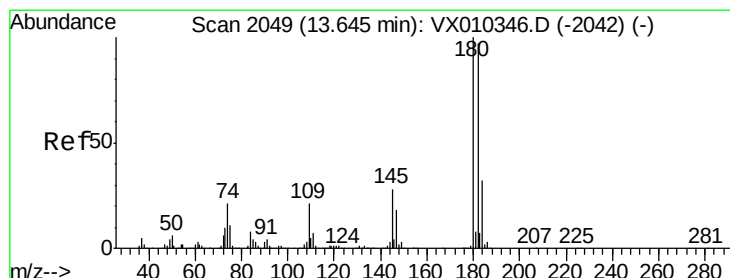
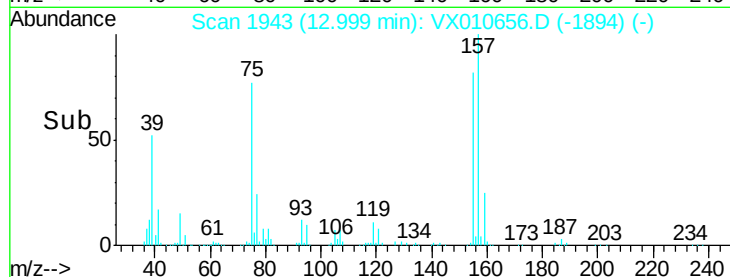
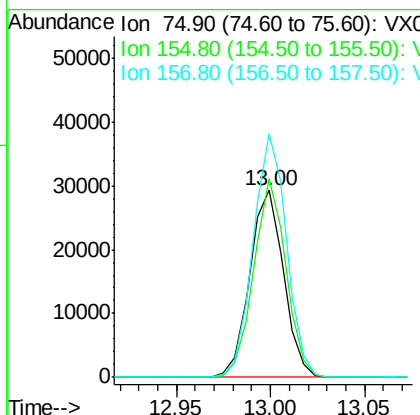
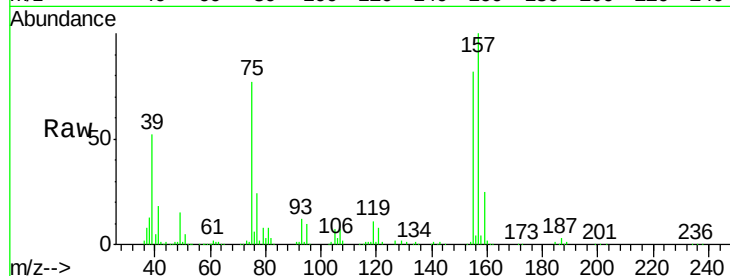
ClientSampleId :

SP19-JMW0991MS

Tot Ion:	75	Resp:	36455
Ion Ratio	Lower	Upper	
75	100		
155	101.1	54.4	163.1
157	128.3	69.5	208.3

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#93

1,2,4-Trichlorobenzene

Concen: 47.390 ug/l

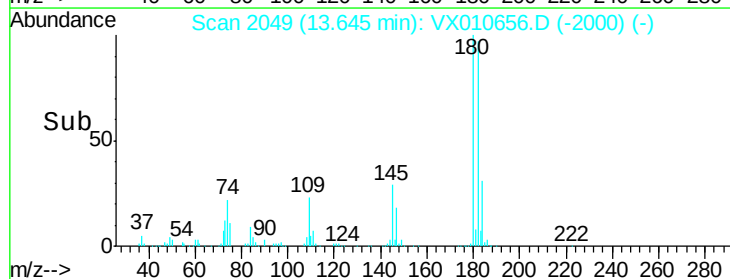
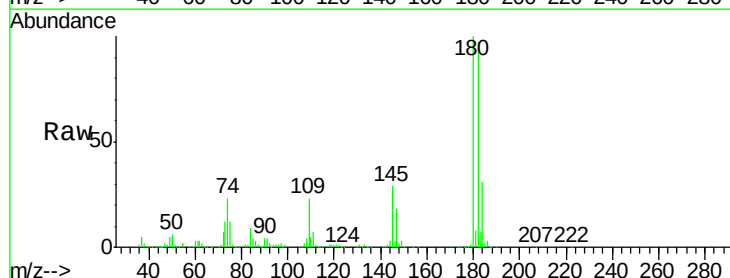
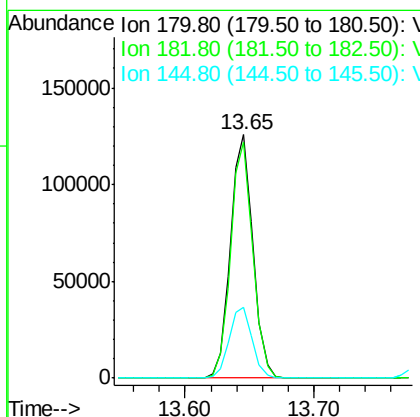
RT: 13.65 min Scan# 2049

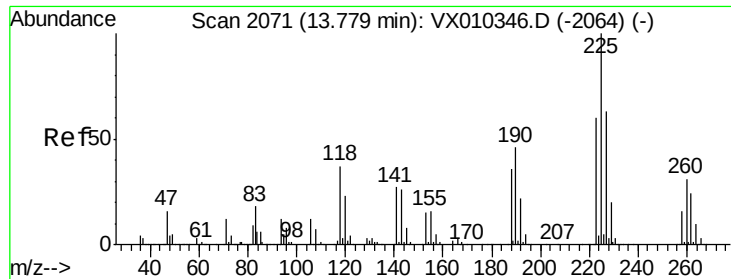
Delta R.T. 0.00 min

Lab File: VX010656.D

Acq: 03 Jul 2019 21:28

Tgt Ion:	180	Resp:	153661
Ion Ratio	Lower	Upper	
180	100		
182	95.7	48.0	144.0
145	29.9	14.4	43.4





#94

Hexachlorobutadiene

Concen: 41.427 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VX010656.D

Acq: 03 Jul 2019 21:28

Instrument :

MSVOA_X

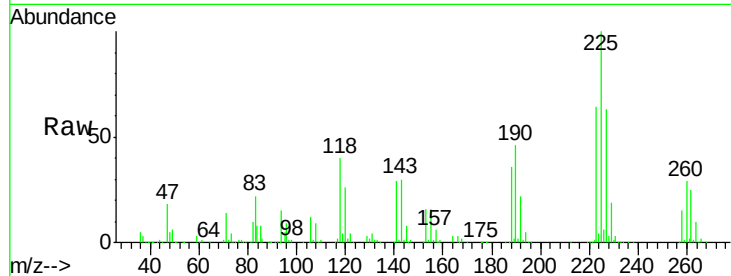
ClientSampleId :

SP19-JMW0991MS

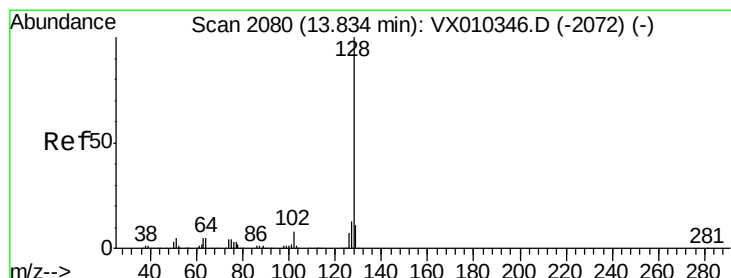
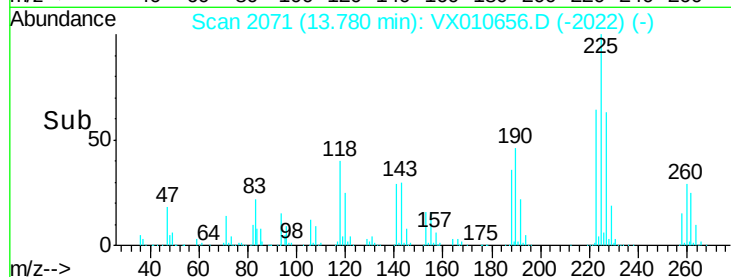
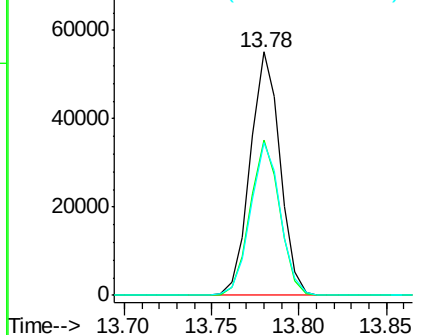
Tot Ion:	225	Resp:	65650
Ion Ratio		Lower	Upper
225	100		
223	62.9	30.9	92.7
227	62.7	31.9	95.5

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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: 52.362 ug/l

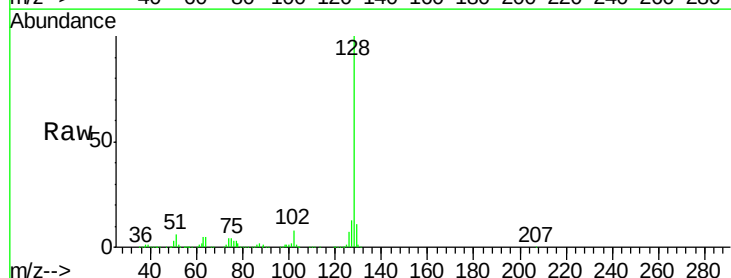
RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

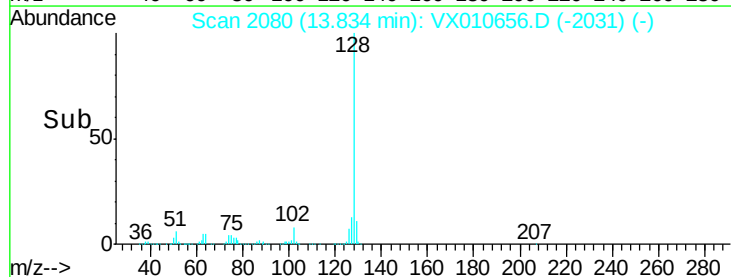
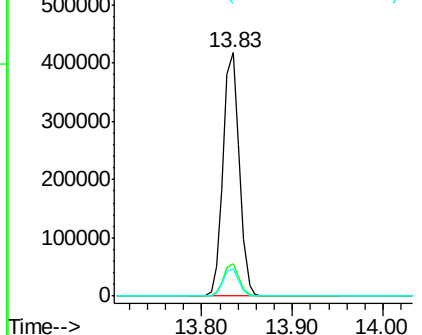
Lab File: VX010656.D

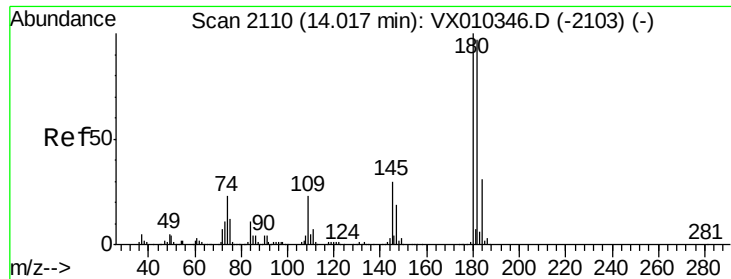
Acq: 03 Jul 2019 21:28

Tgt Ion:	128	Resp:	521752
Ion Ratio		Lower	Upper
128	100		
127	12.9	10.2	15.4
129	11.0	8.9	13.3



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 48.800 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. 0.00 min
 Lab File: VX010656.D
 Acq: 03 Jul 2019 21:28

Instrument :
 MSVOA_X
 ClientSampleId :
 SP19-JMW0991MS

Tot Ion	Ratio	Resp	Lower	Upper
180	100	157324		
182	96.3	47.8	143.3	
145	31.7	15.2	45.6	

Manual Integrations
 APPROVED

MMDadoda
 7/8/2019 2:40:50 PM

