

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100719\
 Data File : VX012853.D
 Acq On : 07 Oct 2019 21:04
 Operator : JC/SP
 Sample : K5154-13MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-103IMSD

Manual Integrations
 APPROVED

MMDadoda
 10/8/2019 2:07:01 PM

Quant Time: Oct 08 12:33:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	161592	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	287389	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	255931	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	121989	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	114562	48.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.38%	
35) Dibromofluoromethane	5.48	113	90793	53.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.10%	
50) Toluene-d8	8.71	98	336977	51.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.26%	
62) 4-Bromofluorobenzene	11.13	95	131272	50.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	64747	35.617	ug/l	97
3) Chloromethane	1.31	50	79651	38.157	ug/l	100
4) Vinyl Chloride	1.40	62	93806	45.211	ug/l	98
5) Bromomethane	1.62	94	25051	30.708	ug/l	96
6) Chloroethane	1.70	64	75280	53.820	ug/l	97
7) Trichlorofluoromethane	1.91	101	124386	42.699	ug/l	100
8) Diethyl Ether	2.18	74	54853	45.948	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	75951	42.806	ug/l	97
10) Methyl Iodide	2.50	142	68233	37.841	ug/l	92
11) Tert butyl alcohol	3.04	59	144978	246.638	ug/l	99
12) 1,1-Dichloroethene	2.36	96	83198	47.887	ug/l	96
13) Acrolein	2.28	56	72712	223.199	ug/l	99
14) Allyl chloride	2.72	41	156909	45.520	ug/l	94
15) Acrylonitrile	3.13	53	293943	246.481	ug/l	98
16) Acetone	2.44	43	251513	201.793	ug/l	96
17) Carbon Disulfide	2.56	76	212821	43.694	ug/l	99
18) Methyl Acetate	2.76	43	140504	47.875	ug/l	95
19) Methyl tert-butyl Ether	3.19	73	330935	50.323	ug/l	99
20) Methylene Chloride	2.84	84	100956	47.890	ug/l	91
21) trans-1,2-Dichloroethene	3.15	96	90033	46.775	ug/l	96
22) Diisopropyl ether	3.84	45	321288	48.237	ug/l	97
23) Vinyl Acetate	3.80	43	1362602	233.283	ug/l	97
24) 1,1-Dichloroethane	3.69	63	198440	54.810	ug/l	99
25) 2-Butanone	4.66	43	409332	229.044	ug/l	95
26) 2,2-Dichloropropane	4.57	77	126290	39.220	ug/l	96
27) cis-1,2-Dichloroethene	4.58	96	115889	51.890	ug/l	91
28) Bromochloromethane	5.00	49	62975	47.904	ug/l	95
29) Tetrahydrofuran	5.11	42	262377	240.875	ug/l	95
30) Chloroform	5.20	83	175846	47.474	ug/l	99
31) Cyclohexane	5.57	56	140414	42.870	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	153460	46.746	ug/l	98
36) 1,1-Dichloropropene	5.79	75	124934	45.101	ug/l	97
37) Ethyl Acetate	4.82	43	150065	46.337	ug/l	97
38) Carbon Tetrachloride	5.78	117	126681	45.019	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	135344	40.585	ug/l	96
40) Benzene	6.14	78	393369	48.263	ug/l	99
41) Methacrylonitrile	5.03	41	85650	47.137	ug/l	94
42) 1,2-Dichloroethane	6.18	62	143719	46.435	ug/l	98
43) Isopropyl Acetate	6.43	43	253132	46.739	ug/l	96
44) Trichloroethene	7.21	130	97990	47.028	ug/l	100
45) 1,2-Dichloropropane	7.51	63	103556	49.626	ug/l	98
46) Dibromomethane	7.65	93	69291	48.771	ug/l	99
47) Bromodichloromethane	7.89	83	139436	49.105	ug/l	99
48) Methyl methacrylate	7.76	41	125505	48.329	ug/l	91
49) 1,4-Dioxane	7.73	88	58492	993.038	ug/l	95
51) 4-Methyl-2-Pentanone	8.64	43	815089	243.810	ug/l	95
52) Toluene	8.78	92	251294	49.056	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	153375	48.819	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	166408	48.512	ug/l #	89
55) 1,1,2-Trichloroethane	9.21	97	103383	50.762	ug/l	99
56) Ethyl methacrylate	9.17	69	177118	51.766	ug/l	90
57) 1,3-Dichloropropane	9.37	76	177476	49.791	ug/l	99
59) 2-Hexanone	9.49	43	633060	247.389	ug/l	93
60) Dibromochloromethane	9.58	129	105530	51.187	ug/l	99
61) 1,2-Dibromoethane	9.67	107	108257	51.075	ug/l	99
64) Tetrachloroethene	9.33	164	80152	44.918	ug/l	91
65) Chlorobenzene	10.14	112	267164	49.572	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	100335	51.383	ug/l	99
67) Ethyl Benzene	10.25	91	480005	49.106	ug/l	98
68) m/p-Xylenes	10.35	106	358786	97.984	ug/l	99
69) o-Xylene	10.70	106	174622	49.285	ug/l	99
70) Stvrene	10.71	104	307849	51.828	ug/l	99
71) Bromoform	10.85	173	75454	55.494	ug/l #	98
73) Isopropylbenzene	11.01	105	467035	47.006	ug/l	99
74) N-amyl acetate	10.89	43	227476	47.991	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.26	83	169250	51.436	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	152472m	47.250	ug/l	
77) Bromobenzene	11.25	156	109062	48.500	ug/l	99
78) n-propylbenzene	11.35	91	513636	45.919	ug/l	99
79) 2-Chlorotoluene	11.42	91	320494	45.930	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	394625	47.364	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	47558	42.236	ug/l	95
82) 4-Chlorotoluene	11.51	91	376260	47.302	ug/l	99
83) tert-Butylbenzene	11.77	119	387104	48.164	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	399122	47.486	ug/l	99
85) sec-Butylbenzene	11.94	105	444347	47.533	ug/l	99
86) p-Isopropyltoluene	12.06	119	408566	48.437	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	200425	49.527	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	200011	48.912	ug/l	99
89) n-Butylbenzene	12.39	91	334239	44.968	ug/l	98
90) Hexachloroethane	12.59	117	70751	47.048	ug/l	93
91) 1,2-Dichlorobenzene	12.39	146	197560	48.763	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.99	75	39964	48.552	ug/l	93
93) 1,2,4-Trichlorobenzene	13.64	180	123610	50.029	ug/l	98

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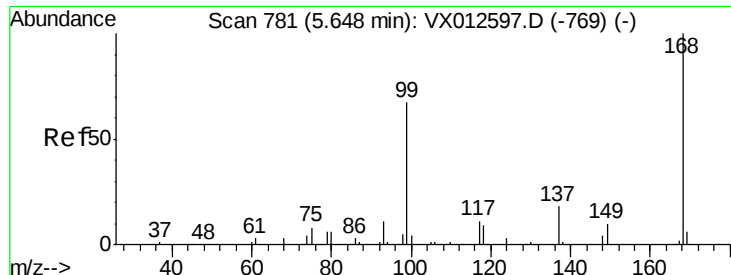
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	50853	47.842	ug/l	99
95) Naphthalene	13.83	128	453180	50.695	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	125286	50.620	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012853.D

Acq: 07 Oct 2019 21:04

Instrument :

MSVOA_X

ClientSampleId :

MW-103IMSD

Tot Ion:168 Resp: 161592

Ion Ratio Lower Upper

168 100

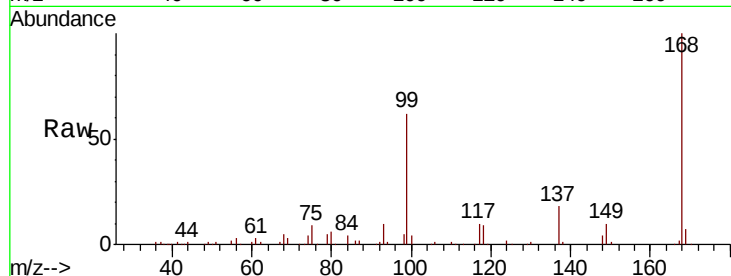
99 61.8 51.4 77.2

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

5.65

60000

50000

40000

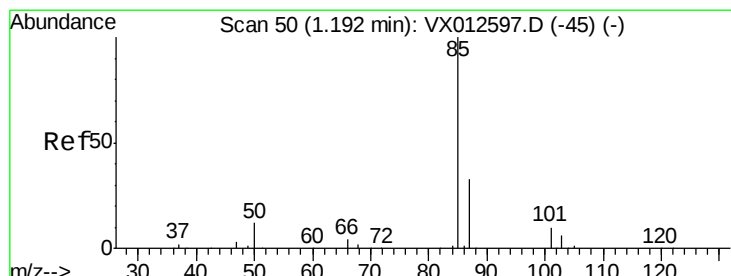
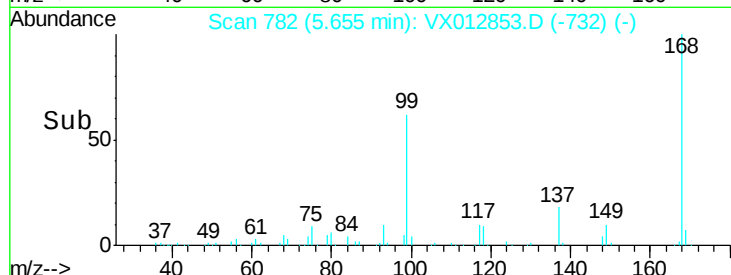
30000

20000

10000

0

Time--> 5.50 5.60 5.70



#2

Dichlorodifluoromethane

Concen: 35.617 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX012853.D

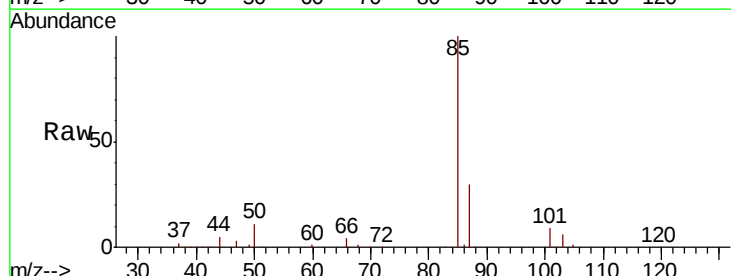
Acq: 07 Oct 2019 21:04

Tgt Ion: 85 Resp: 64747

Ion Ratio Lower Upper

85 100

87 29.8 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

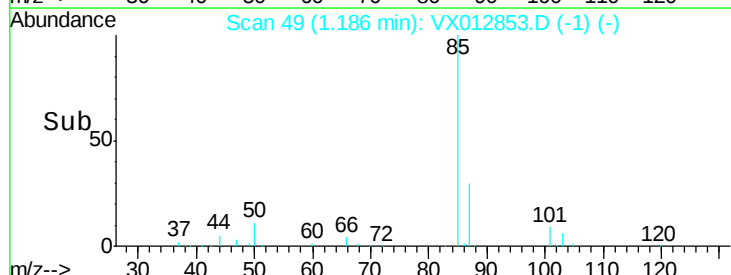
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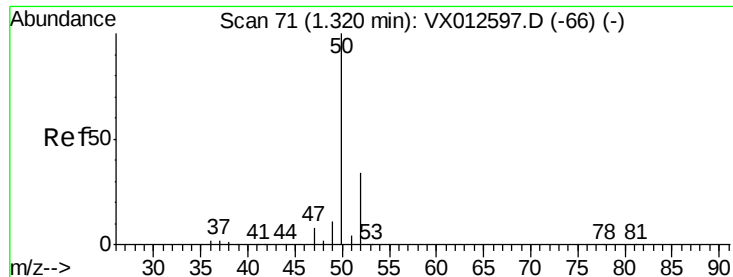
40000

20000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 38.157 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.01 min

Lab File: VX012853.D

Acq: 07 Oct 2019 21:04

Instrument :

MSVOA_X

ClientSampleId :

MW-103IMSD

Tot Ion: 50 Resp: 79651

Ion Ratio Lower Upper

50 100

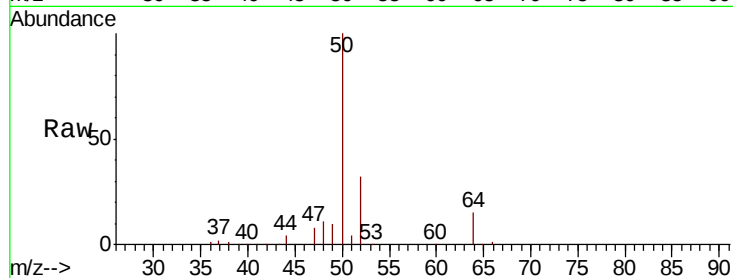
52 32.2 25.7 38.5

Manual Integrations

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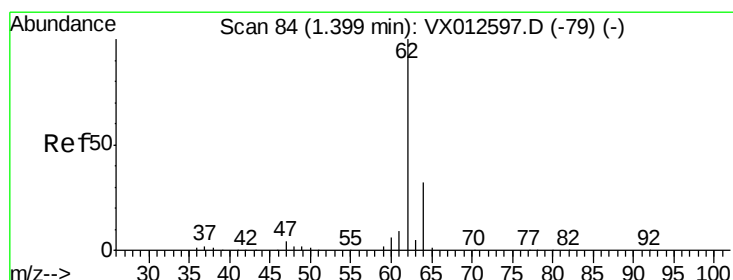
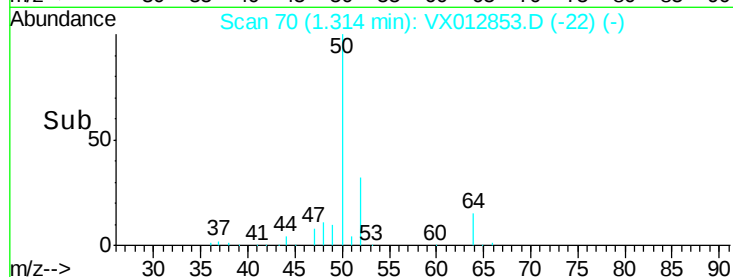
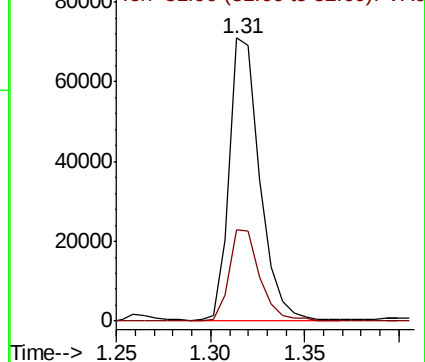
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 45.211 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012853.D

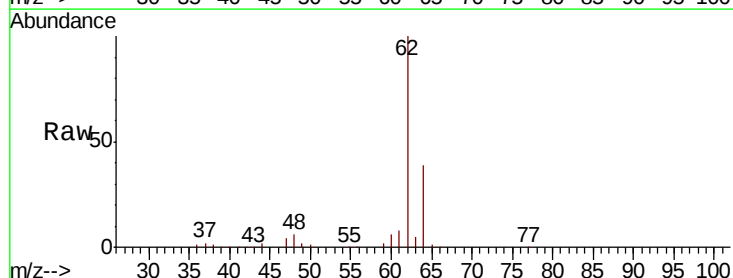
Acq: 07 Oct 2019 21:04

Tgt Ion: 62 Resp: 93806

Ion Ratio Lower Upper

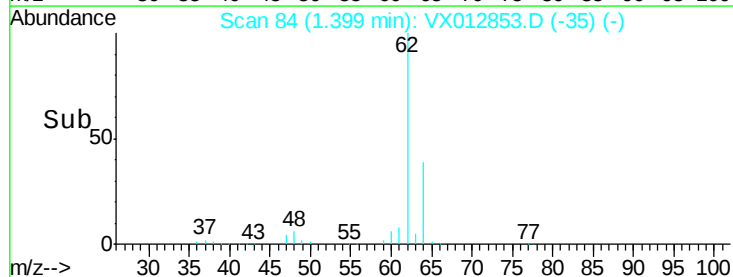
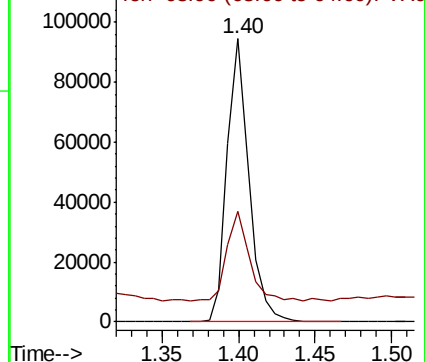
62 100

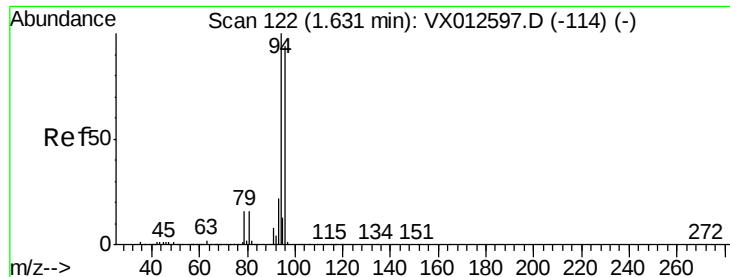
64 31.4 24.2 36.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 30.708 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX012853.D

Acq: 07 Oct 2019 21:04

Instrument :

MSVOA_X

ClientSampleId :

MW-103IMSD

Tot Ion: 94 Resp: 25051

Ion Ratio Lower Upper

94 100

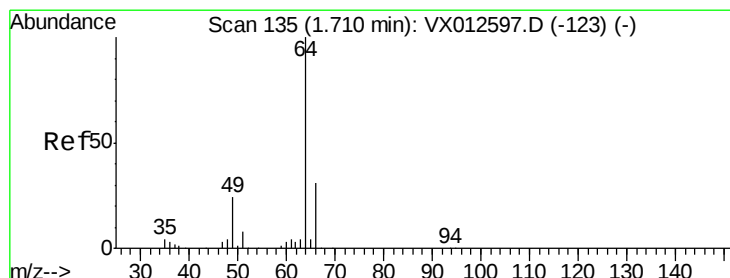
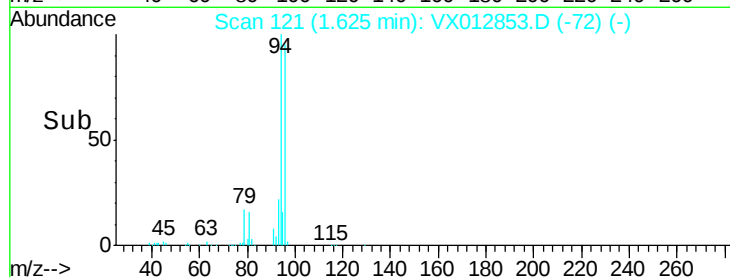
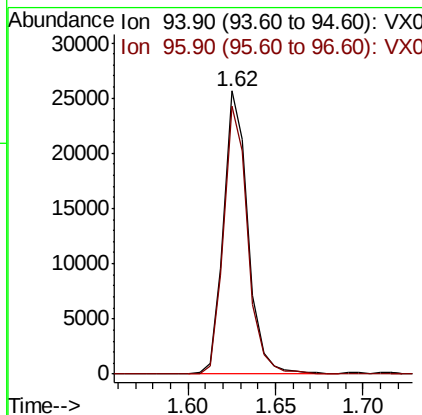
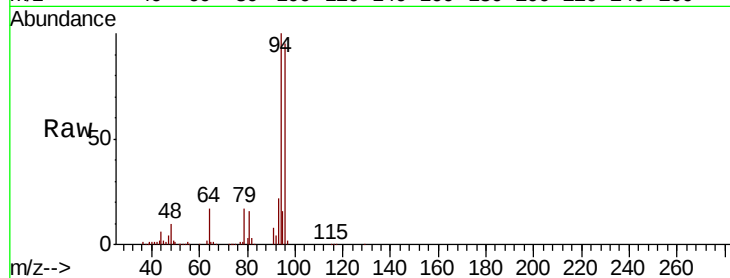
96 94.9 72.8 109.2

Manual Integrations

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#6

Chloroethane

Concen: 53.820 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX012853.D

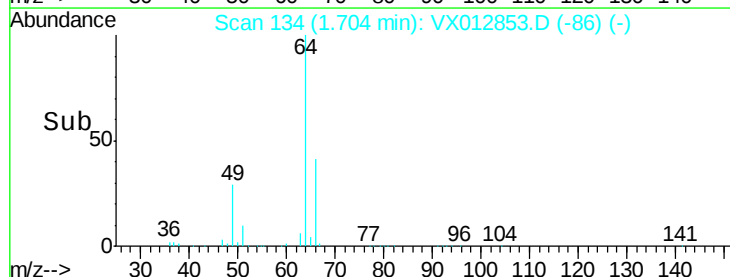
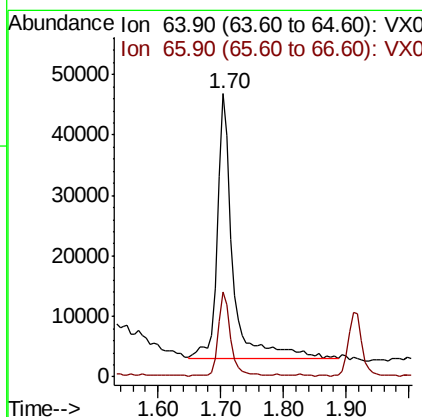
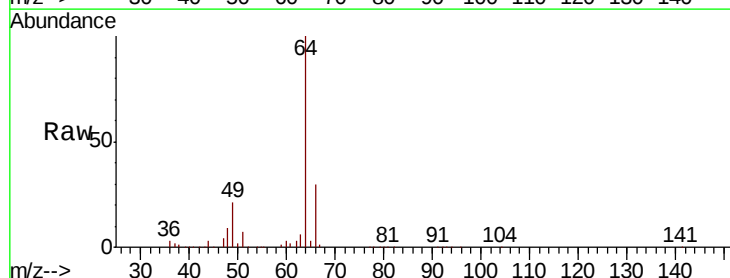
Acq: 07 Oct 2019 21:04

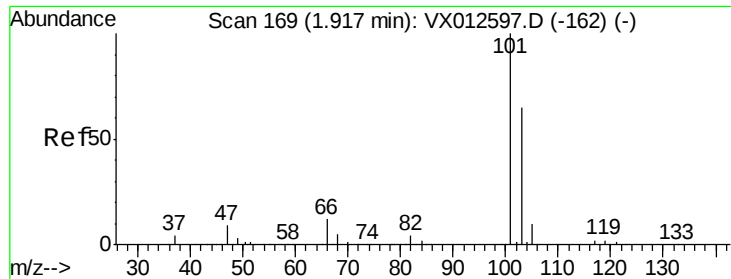
Tgt Ion: 64 Resp: 75280

Ion Ratio Lower Upper

64 100

66 31.7 24.0 36.0





#7

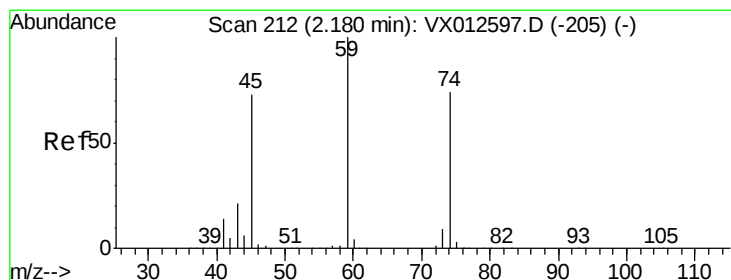
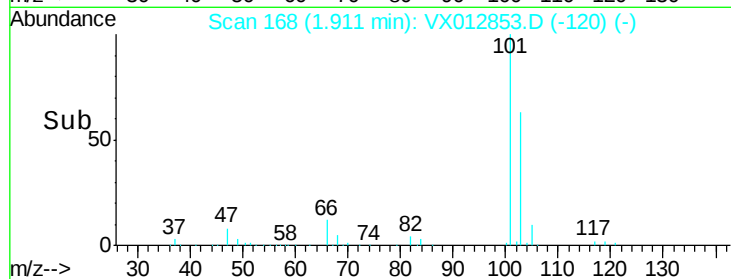
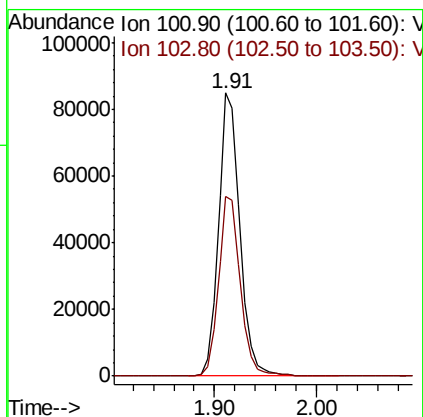
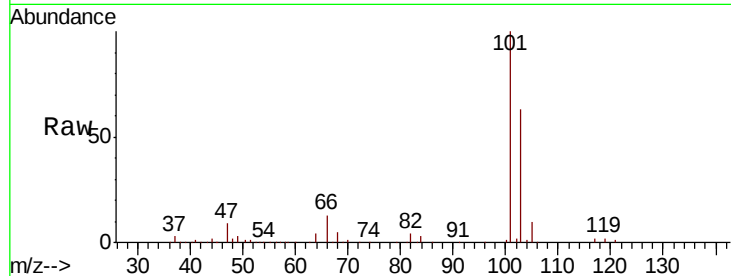
Trichlorofluoromethane
Concen: 42.699 ug/l
RT: 1.91 min Scan# 168
Delta R.T. -0.01 min
Lab File: VX012853.D
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		124386		
103	63.4	51.0	76.4		

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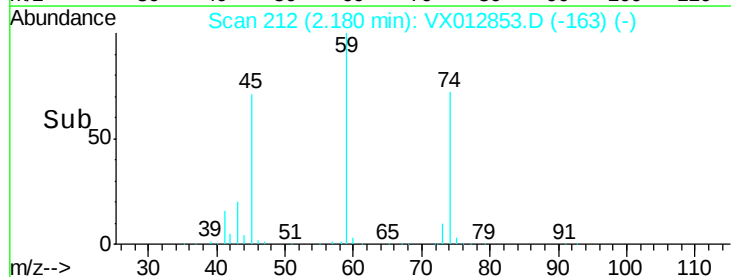
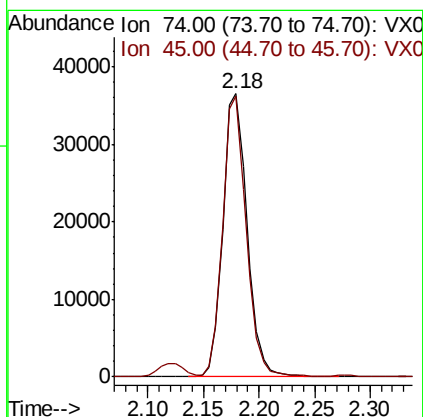
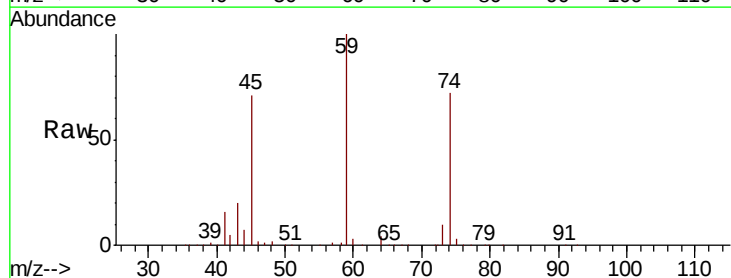
MMDadoda
10/8/2019 2:07:01 PM

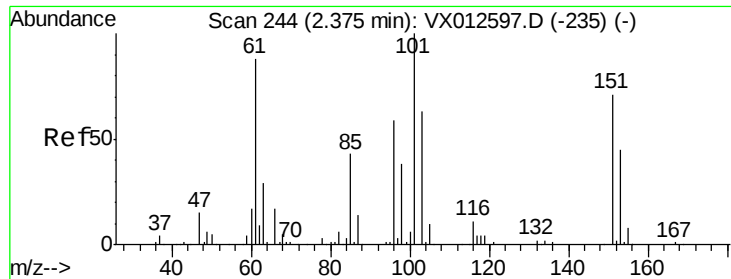


#8

Diethyl Ether
Concen: 45.948 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX012853.D
Acq: 07 Oct 2019 21:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		54853		
45	96.1	49.9	149.7		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 42.806 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX012853.D

Acq: 07 Oct 2019 21:04

Instrument :

MSVOA_X

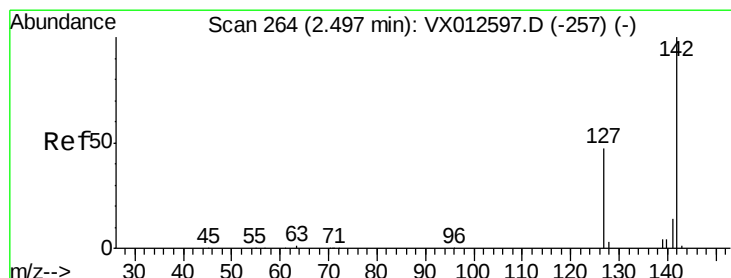
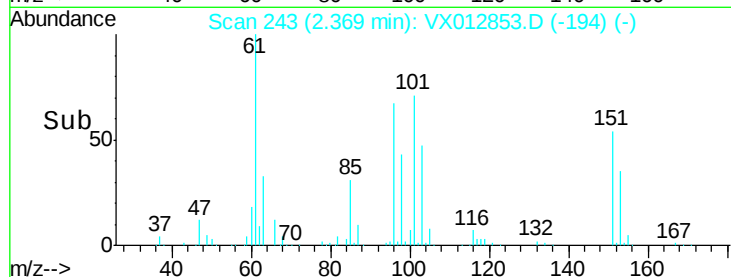
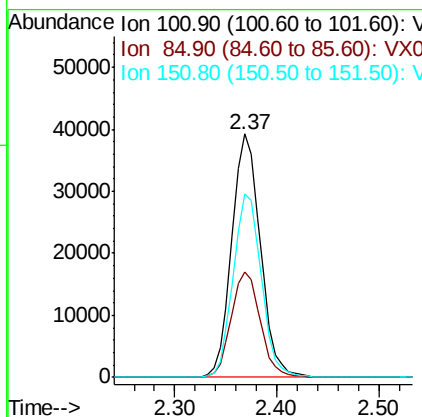
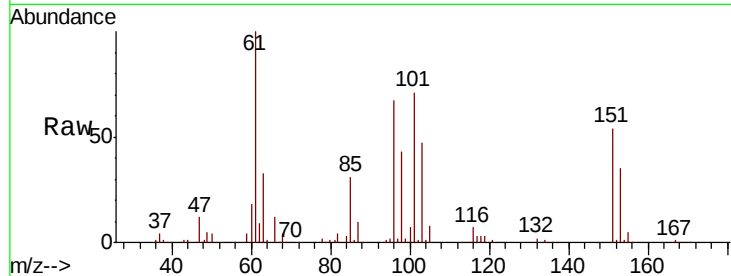
ClientSampled :

MW-103IMSD

Tot Ion:	101	Resp:	75951
Ion Ratio	Lower	Upper	
101	100		
85	43.8	37.3	55.9
151	74.7	61.0	91.4

Manual Integrations
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#10

Methyl Iodide

Concen: 37.841 ug/l

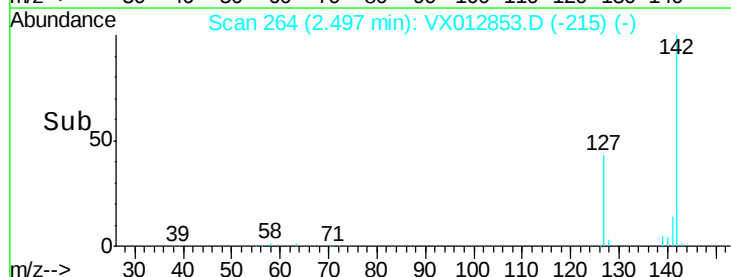
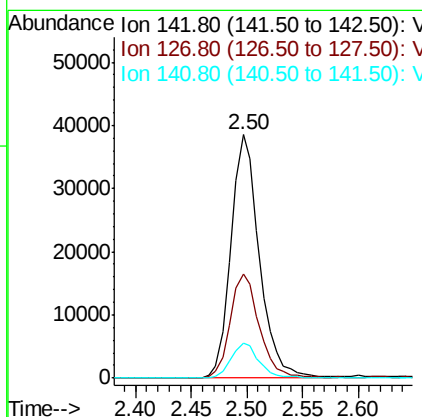
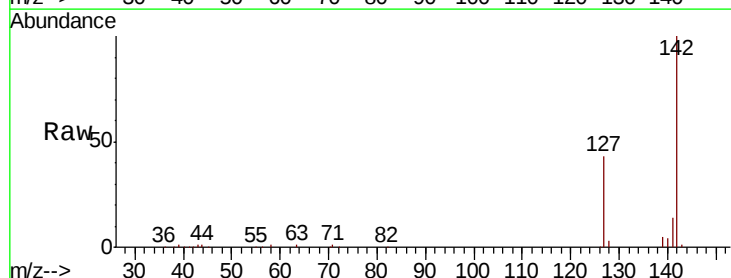
RT: 2.50 min Scan# 264

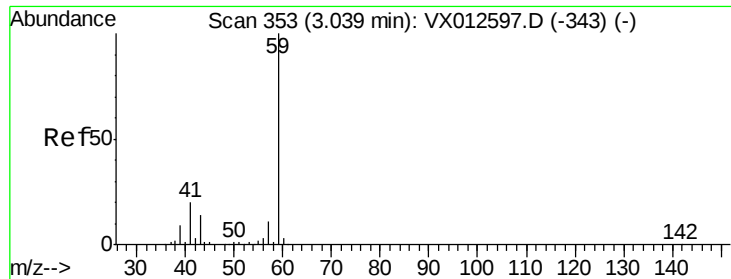
Delta R.T. 0.00 min

Lab File: VX012853.D

Acq: 07 Oct 2019 21:04

Tgt Ion:	142	Resp:	68233
Ion Ratio	Lower	Upper	
142	100		
127	44.1	40.8	61.2
141	14.2	12.1	18.1





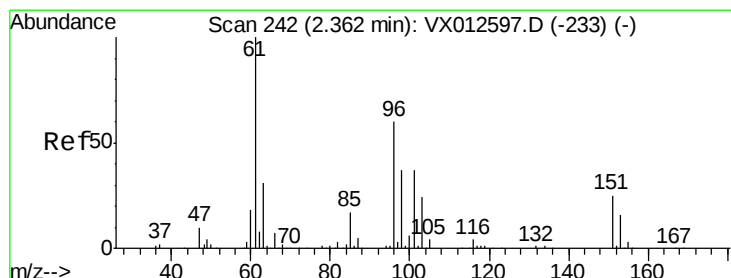
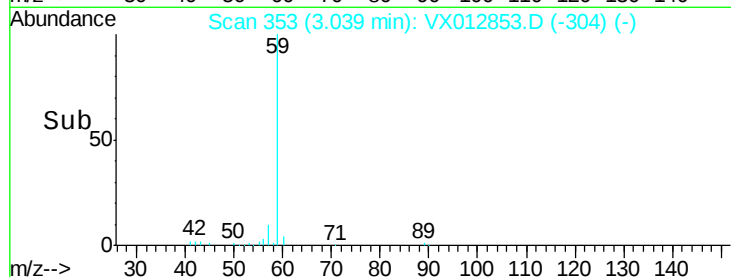
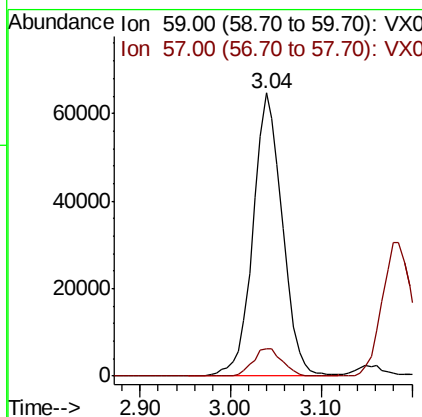
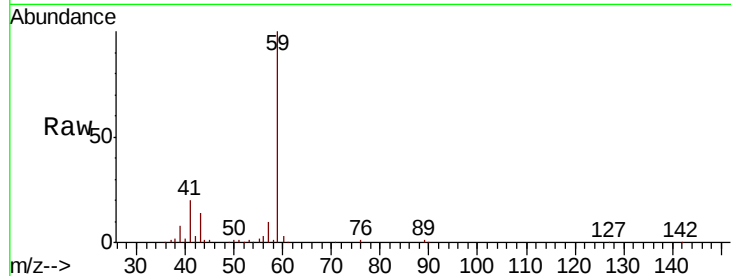
#11
Tert butyl alcohol
Concen: 246.638 ug/l
RT: 3.04 min Scan# 353
Delta R.T. 0.00 min
Lab File: VX012853.D
Acq: 07 Oct 2019 21:04

Instrument :
MSVOA_X
ClientSampleId :
MW-103IMSD

Tot Ion: 59 Resp: 144978
Ion Ratio Lower Upper
59 100
57 9.9 8.3 12.5

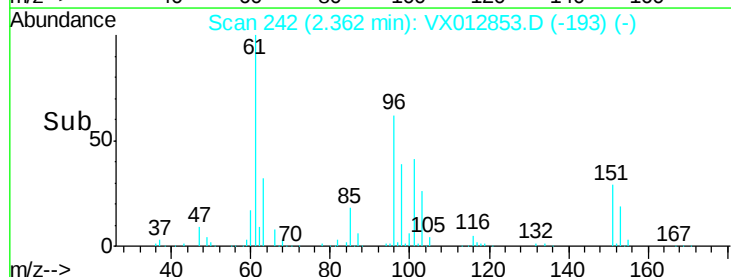
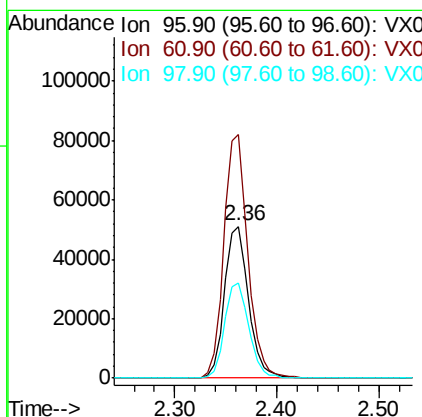
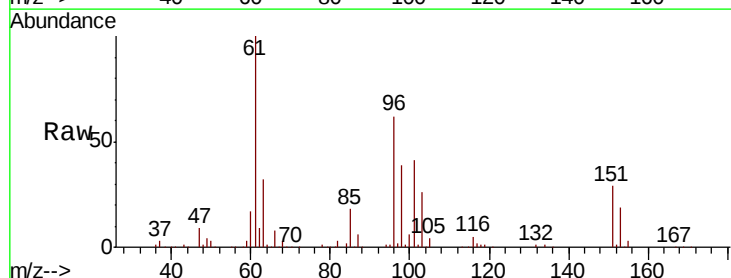
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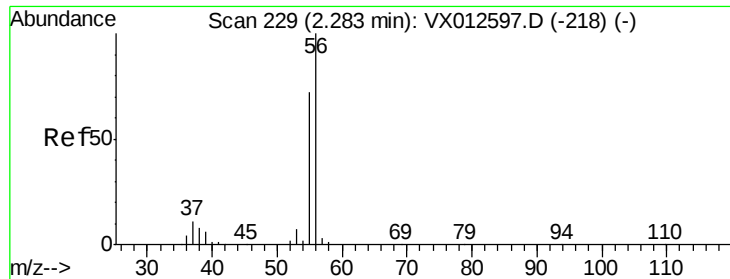
MMDadoda
10/8/2019 2:07:01 PM



#12
1,1-Dichloroethene
Concen: 47.887 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX012853.D
Acq: 07 Oct 2019 21:04

Tgt Ion: 96 Resp: 83198
Ion Ratio Lower Upper
96 100
61 160.5 133.8 200.6
98 62.5 49.9 74.9





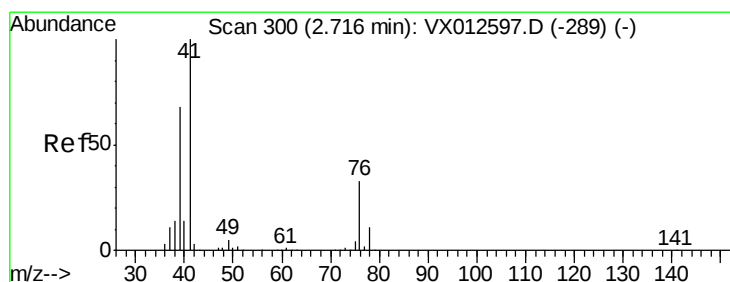
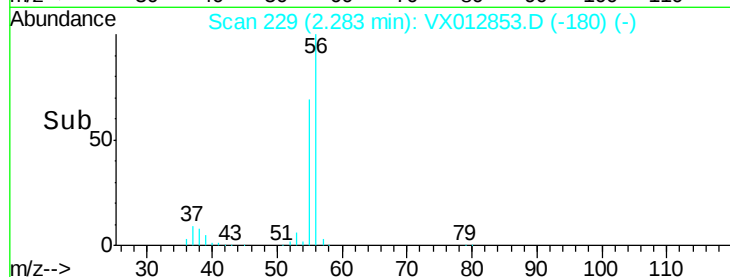
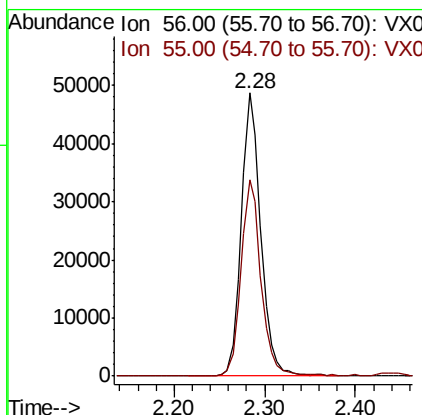
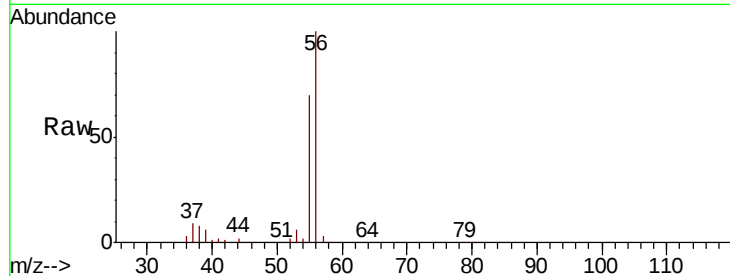
#13
Acrolein
Concen: 223.199 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX012853.D
Acq: 07 Oct 2019 21:04

Instrument :
MSVOA_X
ClientSampleId :
MW-103IMSD

Tot Ion	Ratio	Lower	Upper
56	100		
55	70.4	55.8	83.8

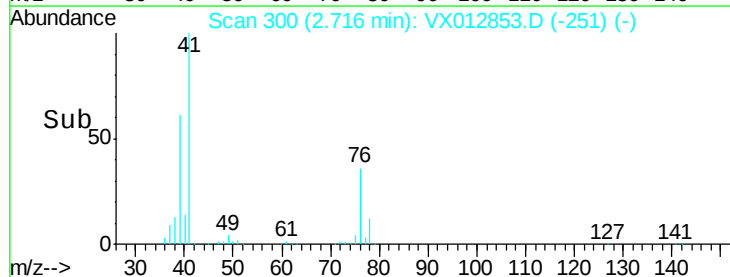
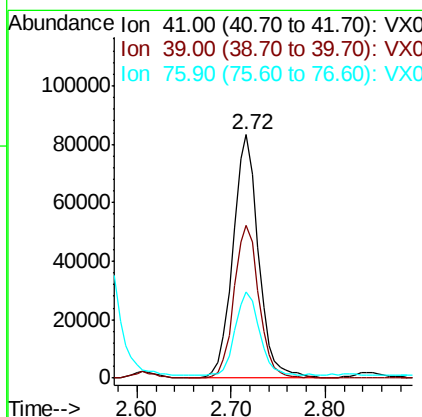
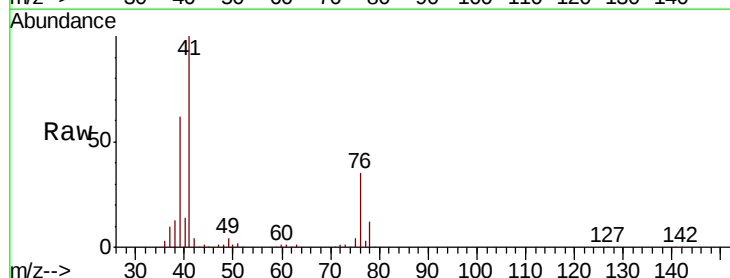
Manual Integrations
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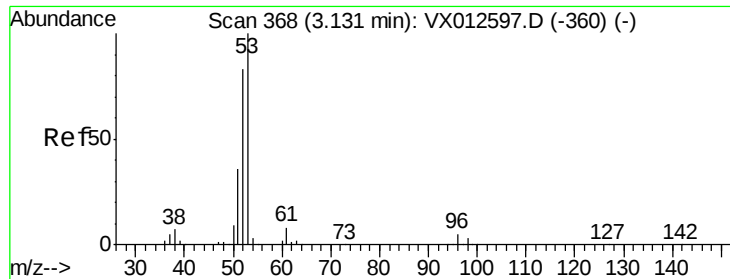
MMDadoda
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#14
Allyl chloride
Concen: 45.520 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX012853.D
Acq: 07 Oct 2019 21:04

Tgt Ion	Ratio	Lower	Upper
41	100		
39	61.0	51.3	76.9
76	33.6	22.6	33.8





#15

Acrylonitrile

Concen: 246.481 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX012853.D

Acq: 07 Oct 2019 21:04

Instrument :

MSVOA_X

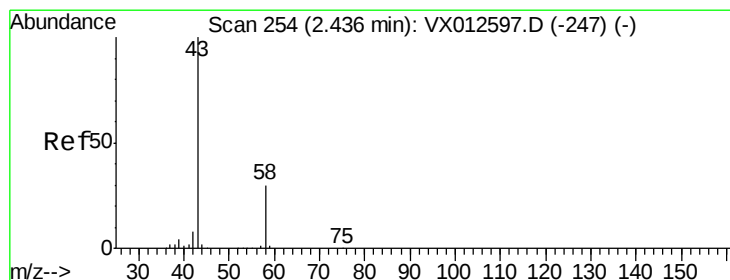
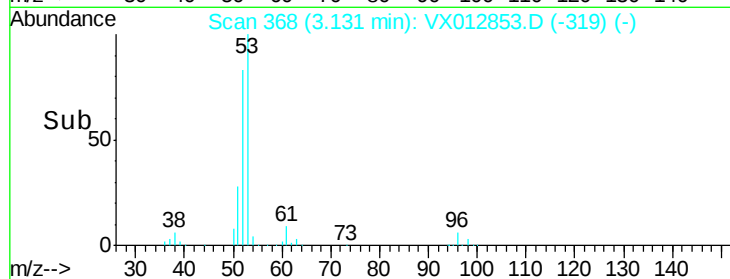
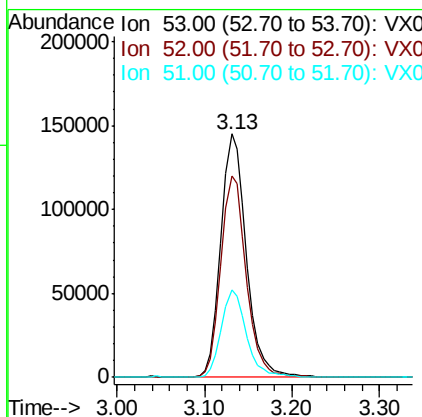
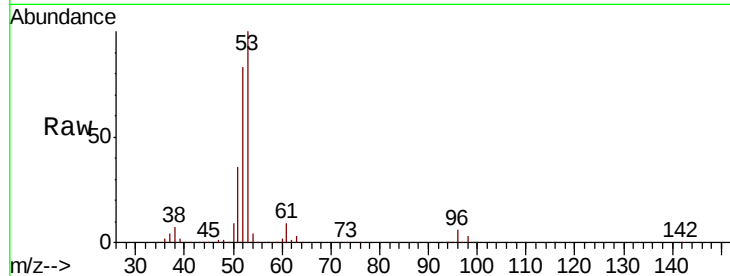
ClientSampleId :

MW-103IMSD

Tot Ion:	53	Resp:	293943
Ion	Ratio	Lower	Upper
53	100		
52	82.4	67.0	100.4
51	35.5	29.6	44.4

Manual Integrations
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#16

Acetone

Concen: 201.793 ug/l

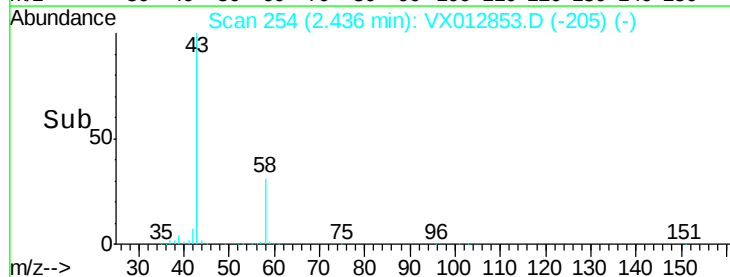
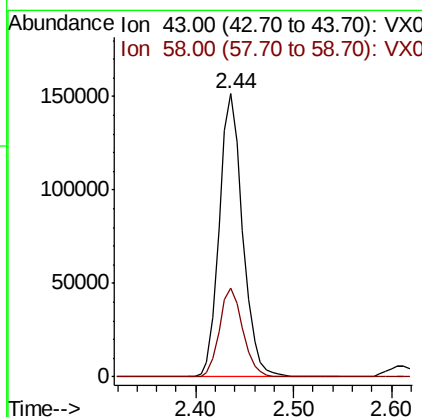
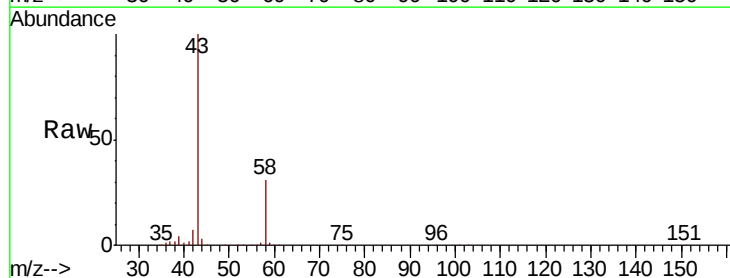
RT: 2.44 min Scan# 254

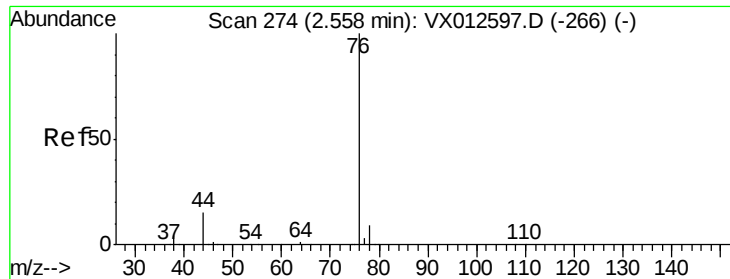
Delta R.T. 0.00 min

Lab File: VX012853.D

Acq: 07 Oct 2019 21:04

Tgt Ion:	43	Resp:	251513
Ion	Ratio	Lower	Upper
43	100		
58	31.2	23.3	34.9





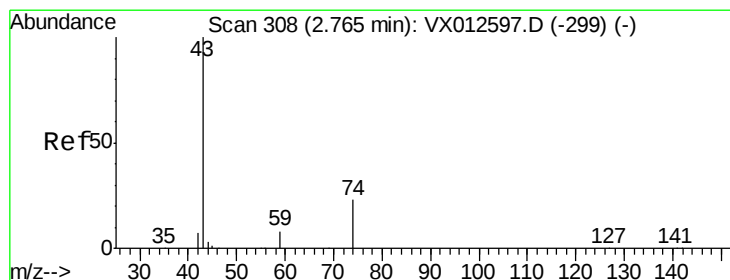
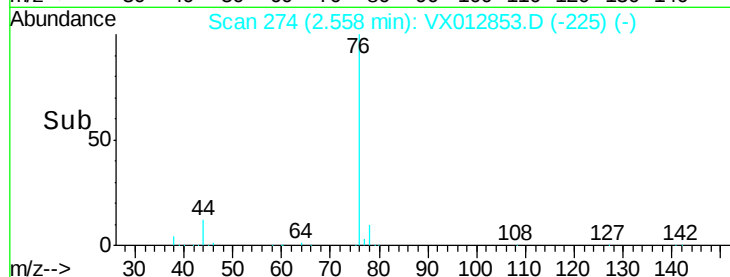
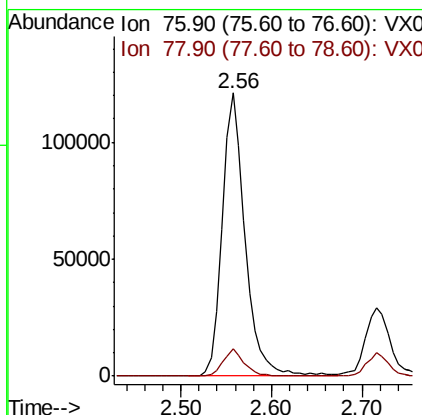
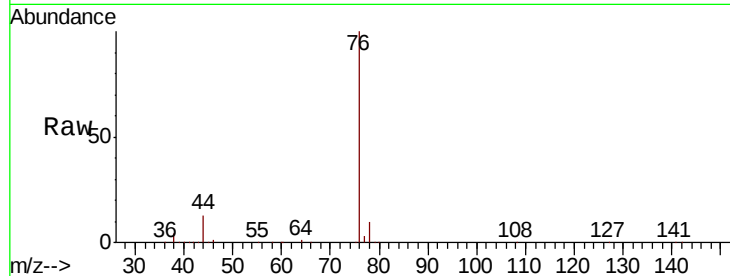
#17
Carbon Disulfide
Concen: 43.694 ug/l
RT: 2.56 min Scan# 274
Delta R.T. 0.00 min
Lab File: VX012853.D
Acq: 07 Oct 2019 21:04

Instrument :
MSVOA_X
ClientSampled :
MW-103IMSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.3	10.9

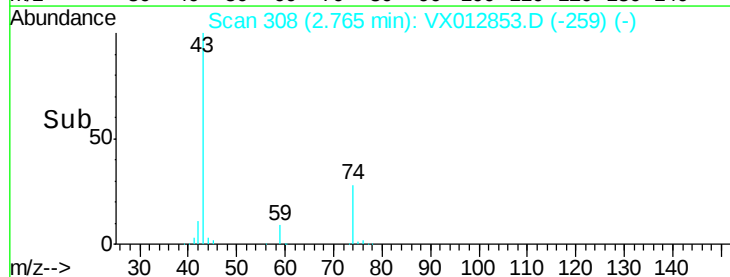
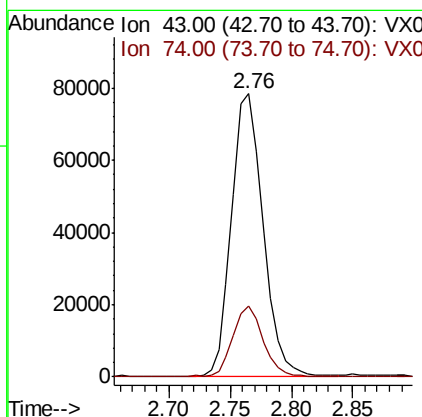
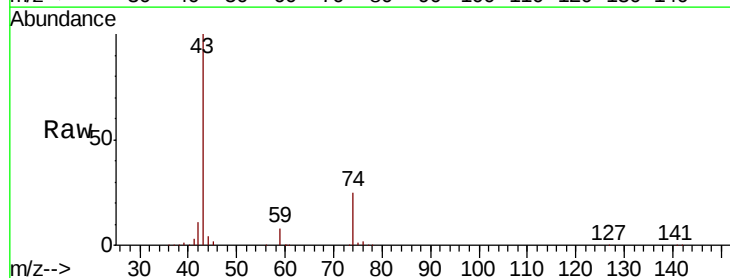
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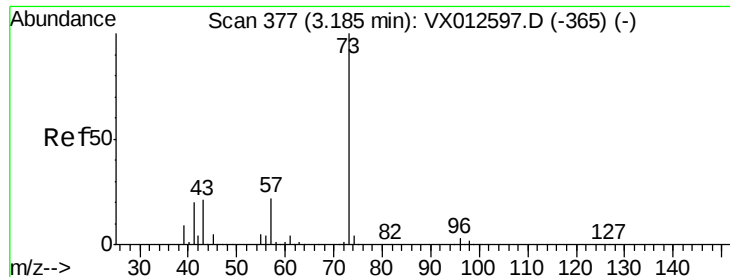
MMDadoda
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#18
Methyl Acetate
Concen: 47.875 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX012853.D
Acq: 07 Oct 2019 21:04

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.4	17.7	26.5





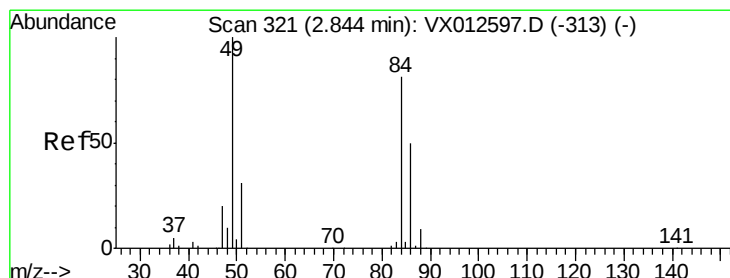
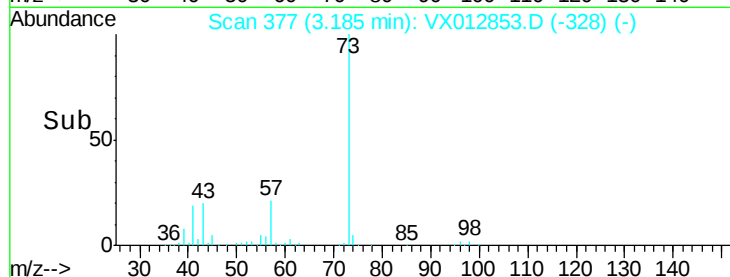
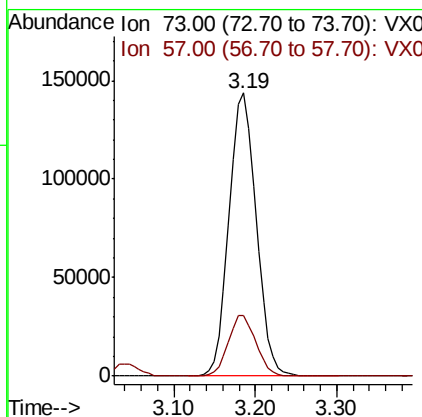
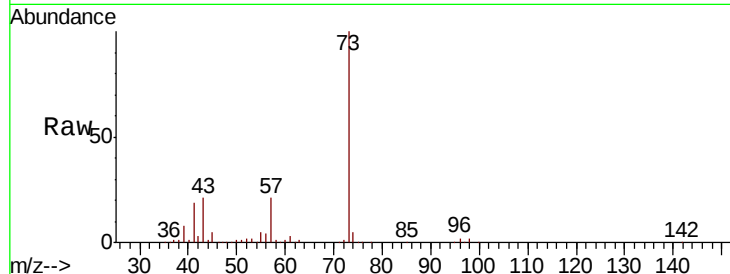
#19
Methyl tert-butyl Ether
Concen: 50.323 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX012853.D
Acq: 07 Oct 2019 21:04

Instrument :
MSVOA_X
ClientSampleId :
MW-103IMSD

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.3	16.8	25.2

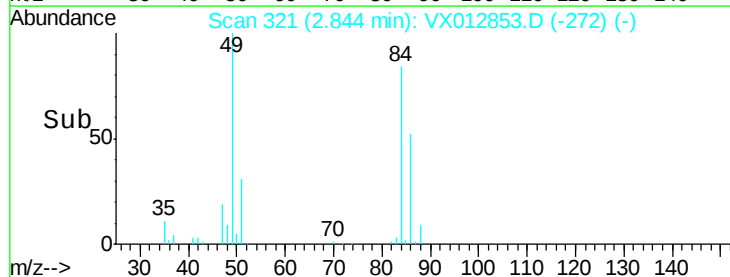
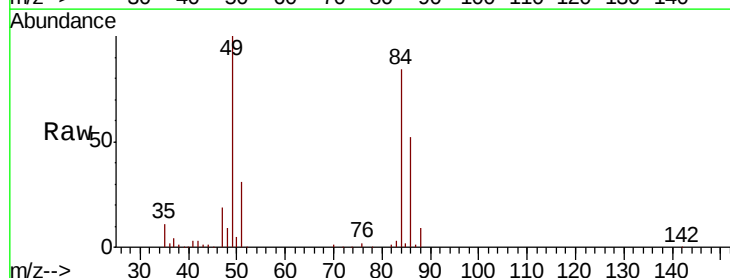
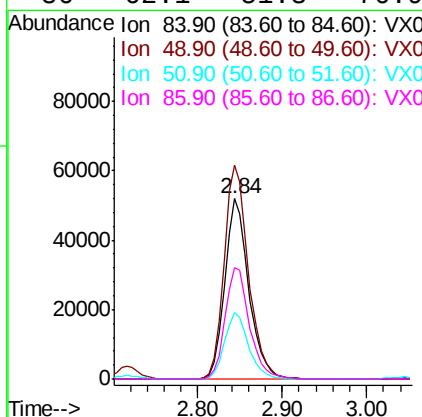
Manual Integrations
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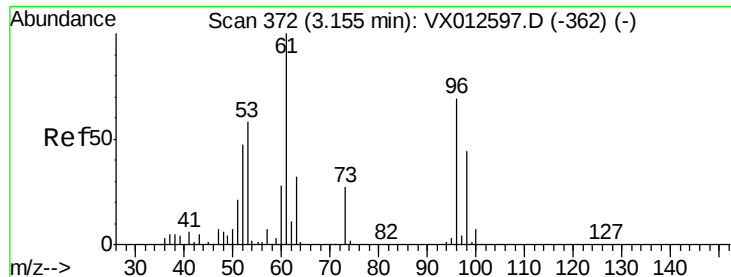
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#20
Methylene Chloride
Concen: 47.890 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX012853.D
Acq: 07 Oct 2019 21:04

Tgt Ion	Ratio	Lower	Upper
84	100		
49	118.5	106.8	160.2
51	37.2	32.3	48.5
86	62.1	51.3	76.9





#21

trans-1,2-Dichloroethene

Concen: 46.775 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012853.D

Acq: 07 Oct 2019 21:04

Instrument :

MSVOA_X

ClientSampleId :

MW-103IMSD

Tot Ion: 96 Resp: 90033

Ion Ratio Lower Upper

96 100

61 137.7 112.0 168.0

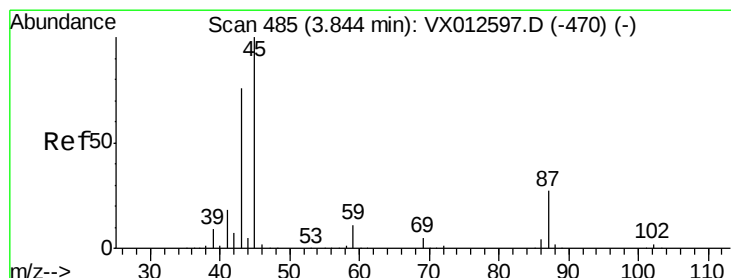
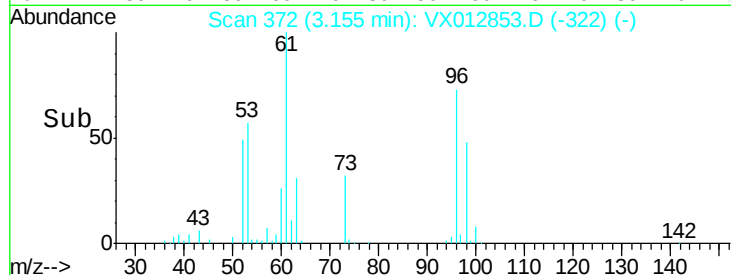
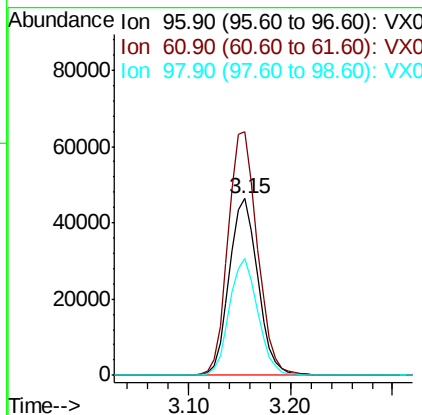
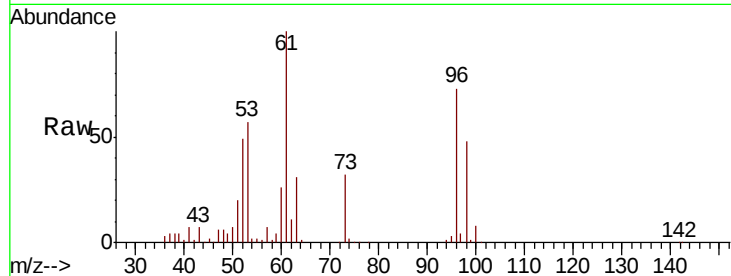
98 65.8 47.8 71.8

Manual Integrations

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#22

Diisopropyl ether

Concen: 48.237 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX012853.D

Acq: 07 Oct 2019 21:04

Tgt Ion: 45 Resp: 321288

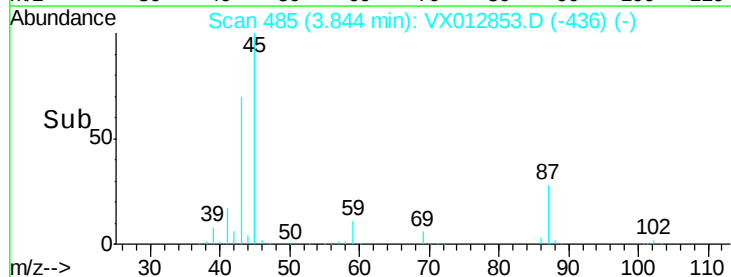
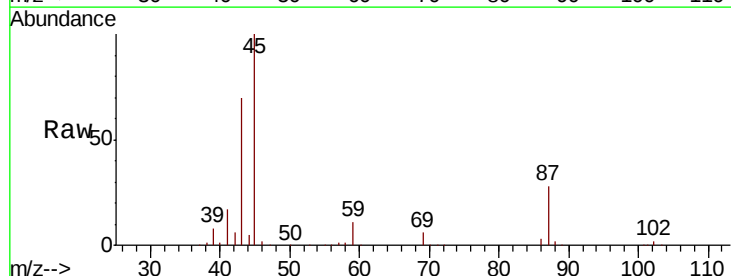
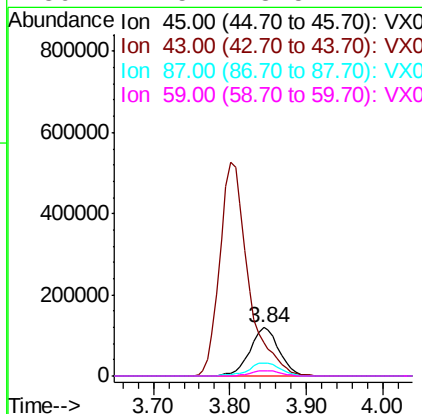
Ion Ratio Lower Upper

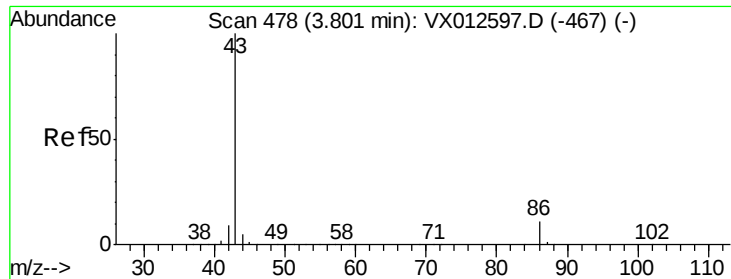
45 100

43 69.6 57.8 86.8

87 27.8 21.3 31.9

59 11.5 8.5 12.7





#23

Vinyl Acetate

Concen: 233.283 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX012853.D

Acq: 07 Oct 2019 21:04

Instrument :

MSVOA_X

ClientSampleId :

MW-103IMSD

Tot Ion: 43 Resp: 1362602

Ion Ratio Lower Upper

43 100

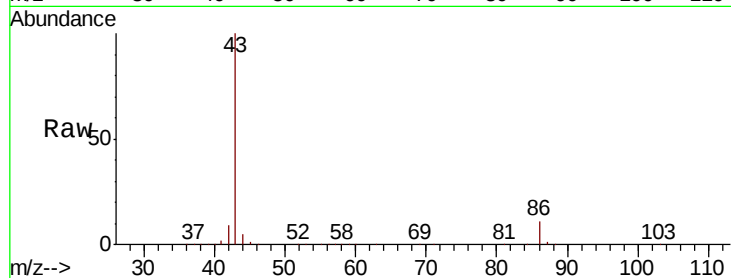
86 10.9 7.8 11.8

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.80

600000

500000

400000

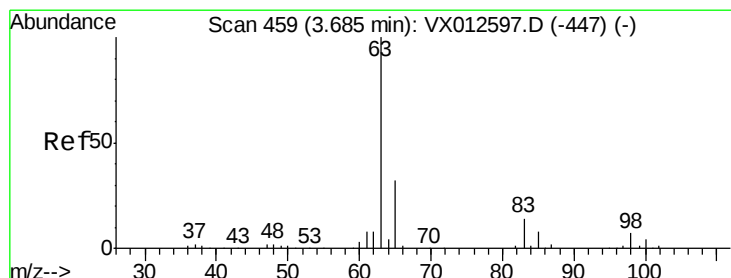
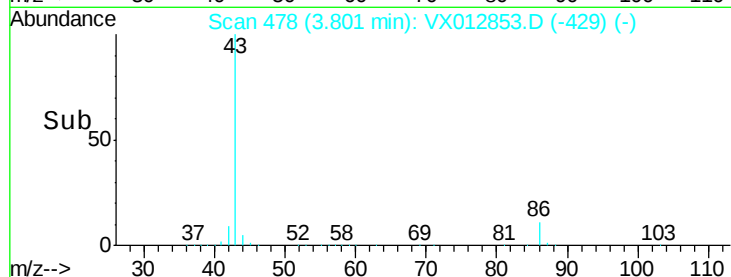
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 54.810 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012853.D

Acq: 07 Oct 2019 21:04

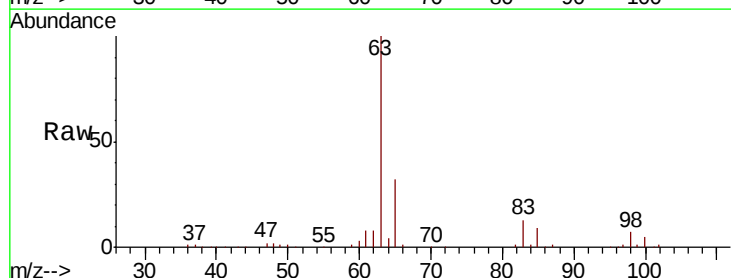
Tgt Ion: 63 Resp: 198440

Ion Ratio Lower Upper

63 100

98 7.4 3.9 11.7

100 4.5 2.3 6.9



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

3.69

100000

80000

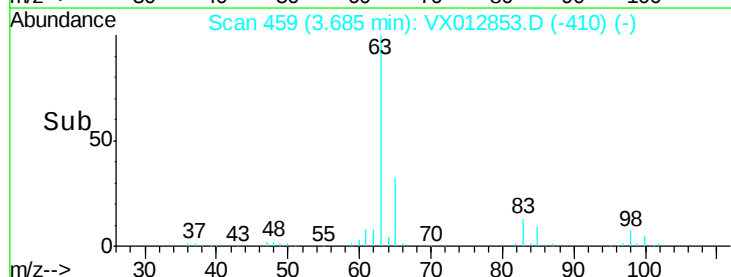
60000

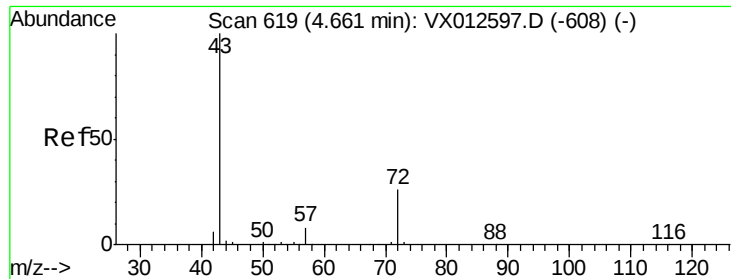
40000

20000

0

Time-->





#25

2-Butanone

Concen: 229.044 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX012853.D

Acq: 07 Oct 2019 21:04

Instrument :

MSVOA_X

ClientSampleId :

MW-103IMSD

Tot Ion: 43 Resp: 409332

Ion Ratio Lower Upper

43 100

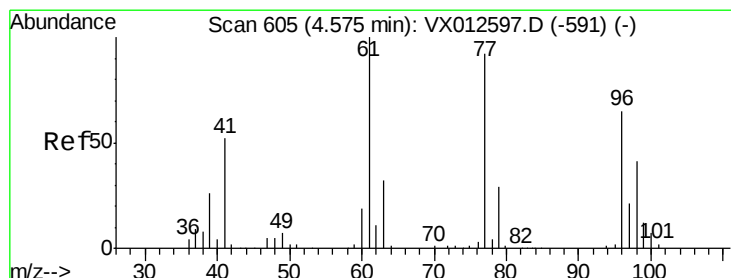
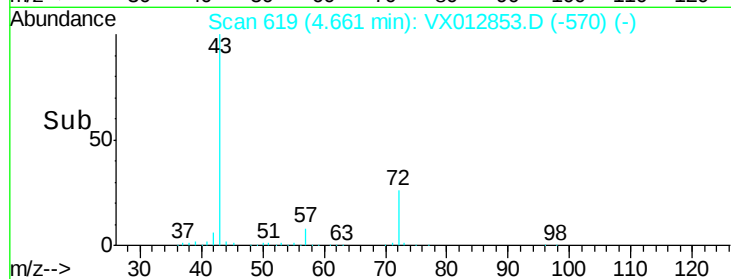
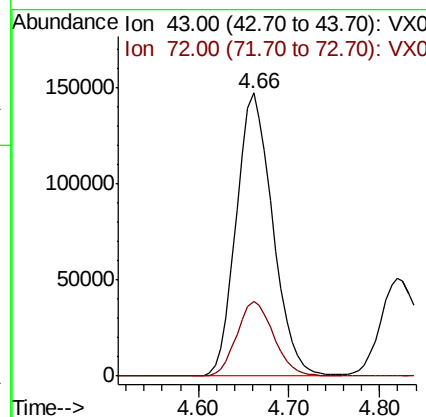
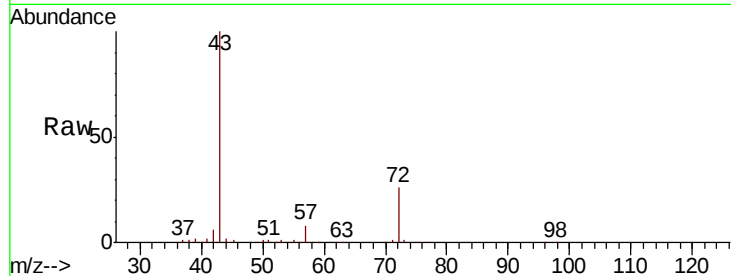
72 26.3 19.2 28.8

Manual Integrations

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MMDadoda

10/8/2019 2:07:01 PM



#26

2,2-Dichloropropane

Concen: 39.220 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX012853.D

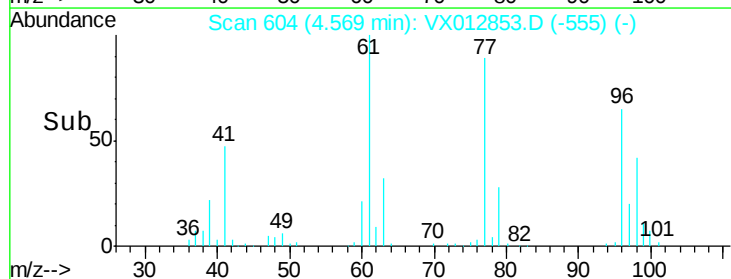
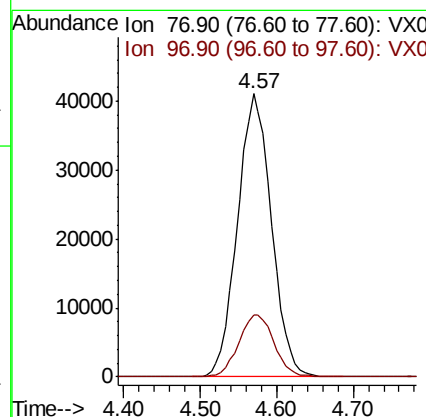
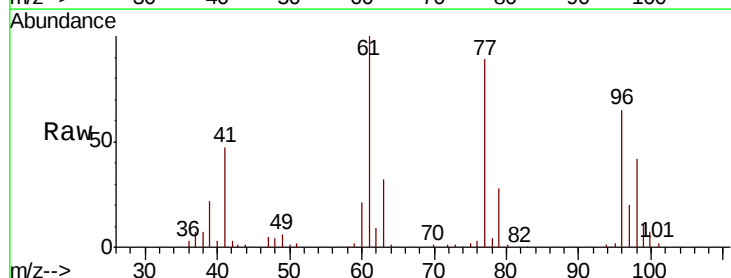
Acq: 07 Oct 2019 21:04

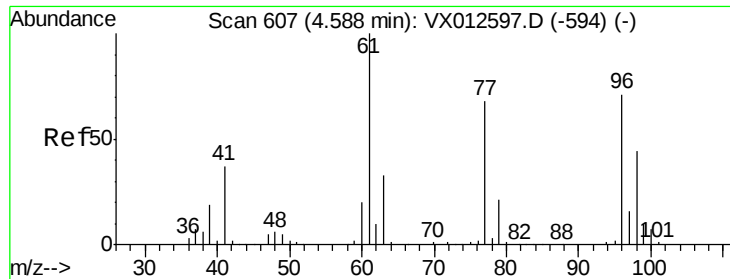
Tgt Ion: 77 Resp: 126290

Ion Ratio Lower Upper

77 100

97 22.8 10.5 31.6





#27

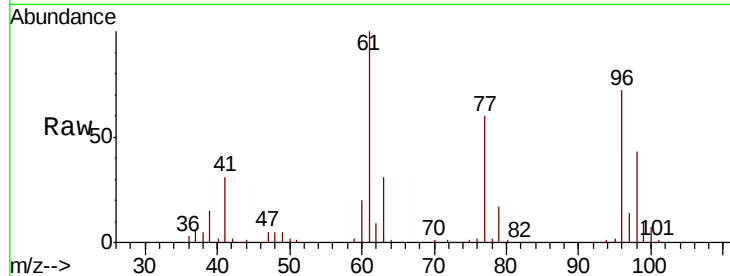
cis-1,2-Dichloroethene
Concen: 51.890 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX012853.D
Acq: 07 Oct 2019 21:04

Instrument :
MSVOA_X
ClientSampleId :
MW-103IMSD

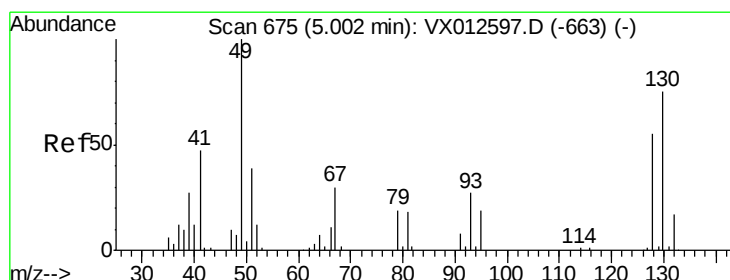
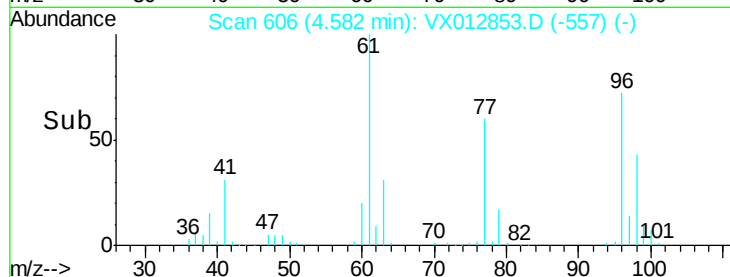
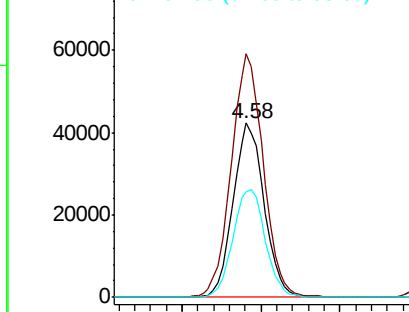
Tot Ion	Ratio	Resp	Lower	Upper
96	100	115889		
61	144.1	0.0	319.4	
98	64.5	0.0	130.6	

Manual Integrations
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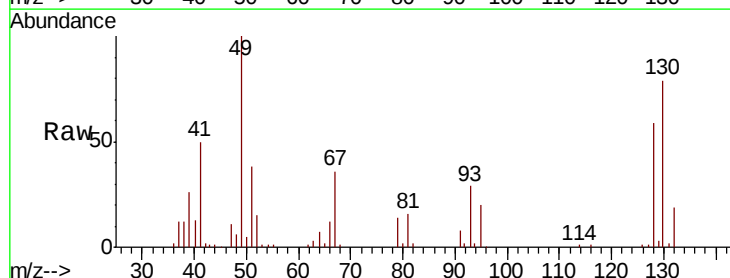
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



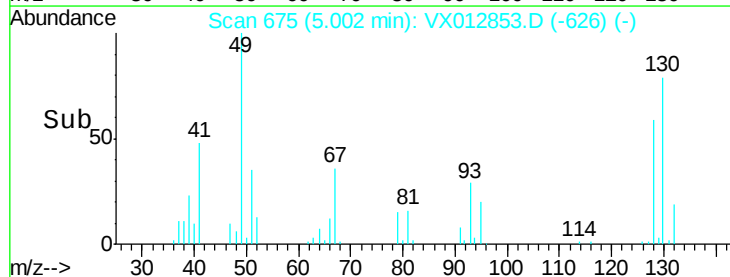
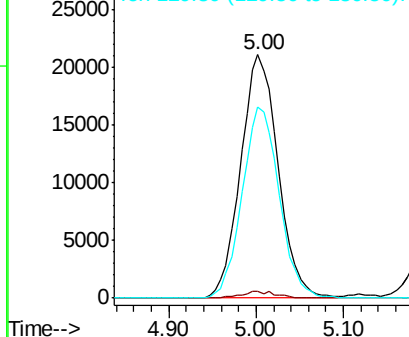
#28

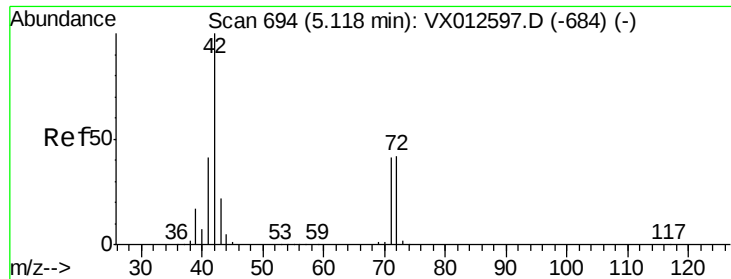
Bromochloromethane
Concen: 47.904 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX012853.D
Acq: 07 Oct 2019 21:04

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	62975		
129	2.6	0.0	3.8	
130	77.5	58.2	87.4	



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





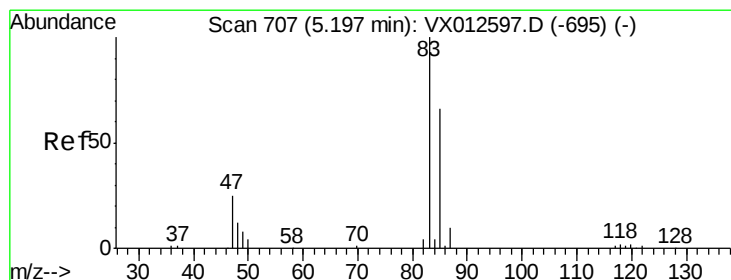
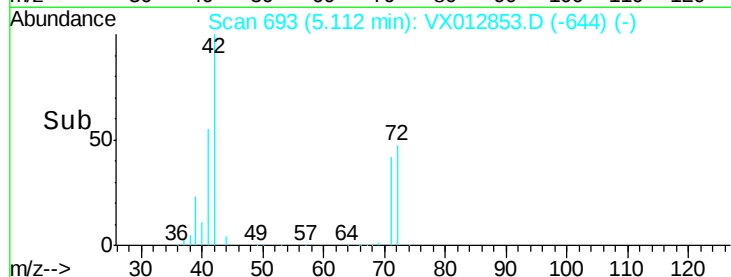
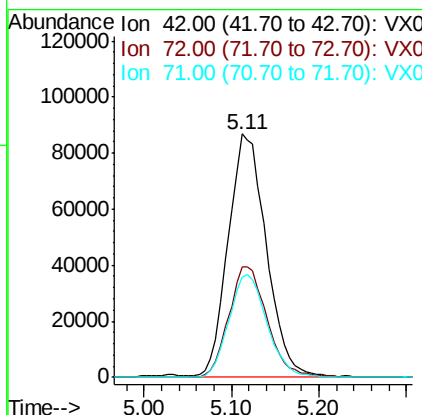
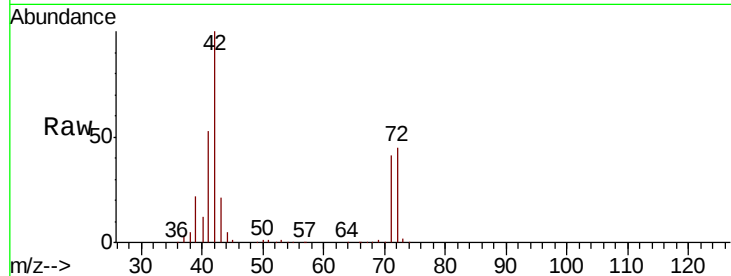
#29
Tetrahydrofuran
Concen: 240.875 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX012853.D
Acq: 07 Oct 2019 21:04

Instrument :
MSVOA_X
ClientSampleId :
MW-103IMSD

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.2	34.0	51.0
71	42.5	31.5	47.3

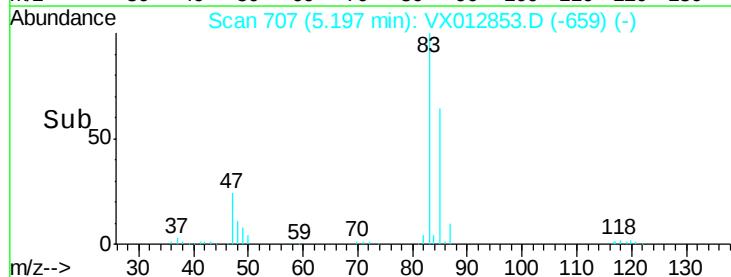
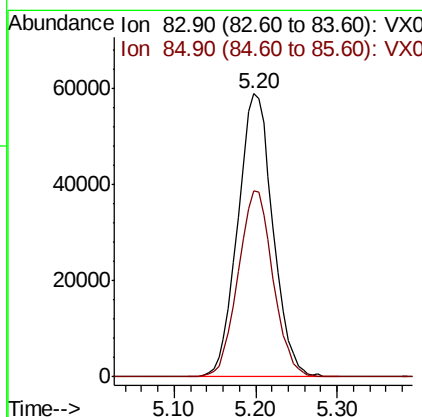
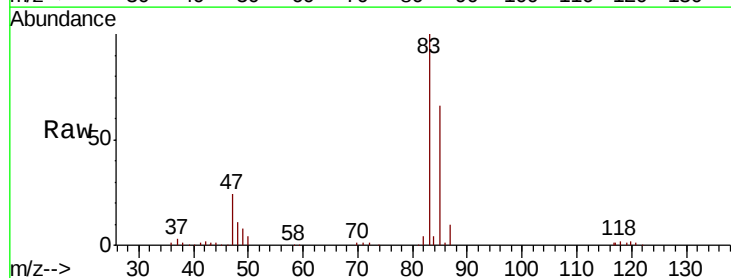
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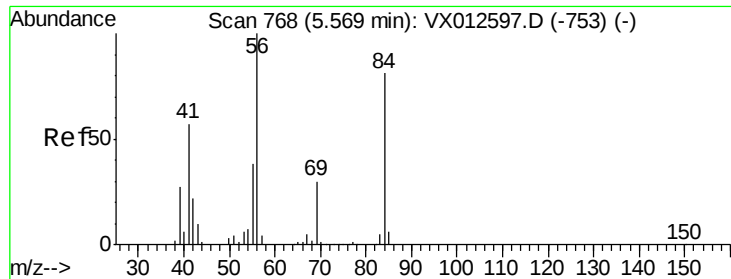
MMDadoda
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#30
Chloroform
Concen: 47.474 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX012853.D
Acq: 07 Oct 2019 21:04

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.8	53.0	79.4





#31

Cyclohexane

Concen: 42.870 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX012853.D

Acq: 07 Oct 2019 21:04

Instrument :

MSVOA_X

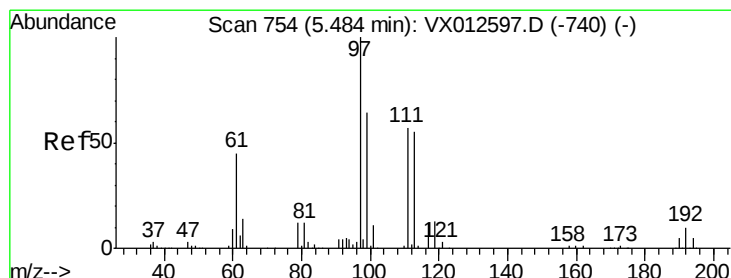
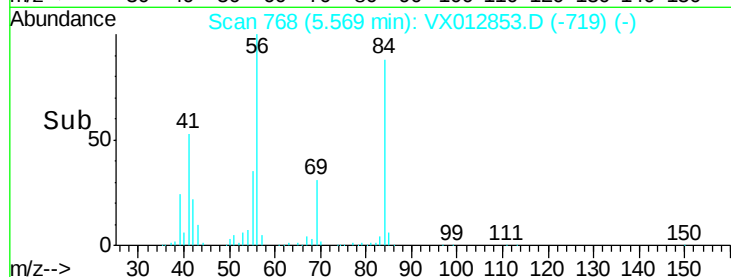
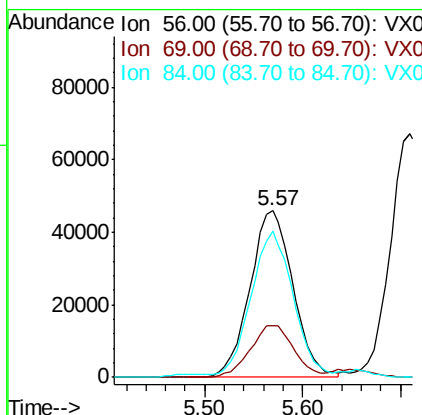
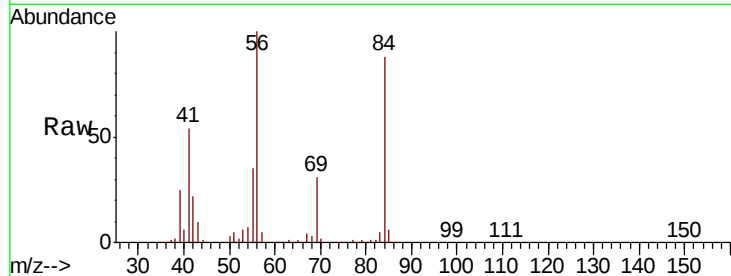
ClientSampleId :

MW-103IMSD

Tot Ion:	56	Resp:	140414
Ion Ratio	Lower	Upper	
56	100		
69	31.0	25.0	37.6
84	86.3	66.4	99.6

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#32

1,1,1-Trichloroethane

Concen: 46.746 ug/l

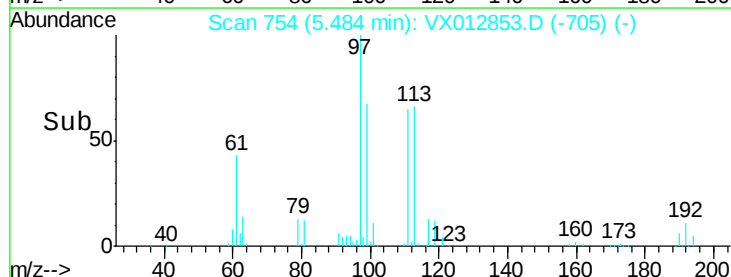
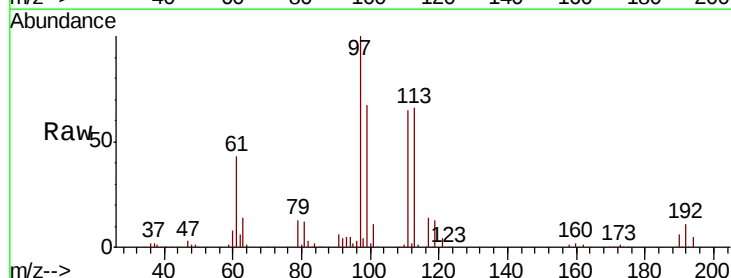
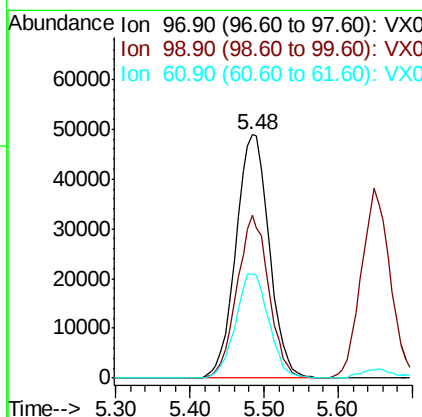
RT: 5.48 min Scan# 754

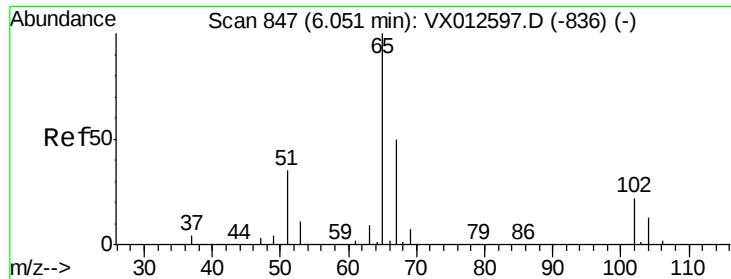
Delta R.T. 0.00 min

Lab File: VX012853.D

Acq: 07 Oct 2019 21:04

Tgt Ion:	97	Resp:	153460
Ion Ratio	Lower	Upper	
97	100		
99	64.0	51.3	76.9
61	42.8	36.1	54.1





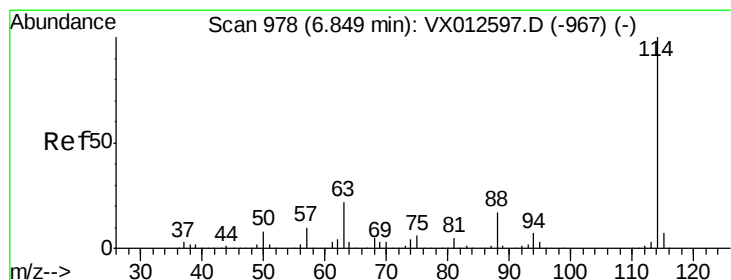
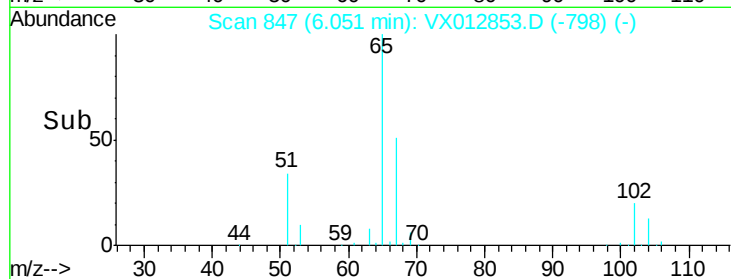
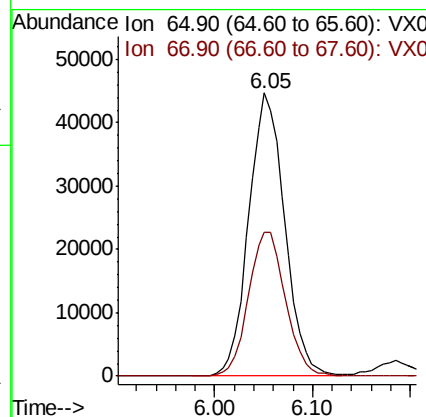
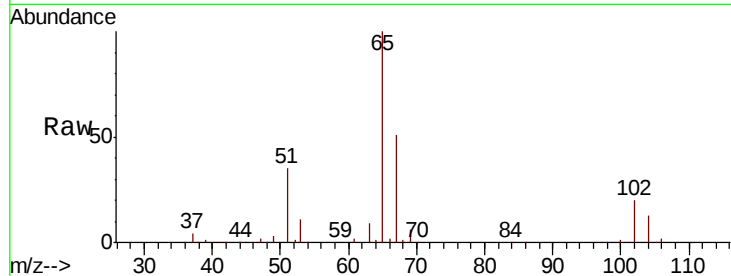
#33
 1,2-Dichloroethane-d4
 Concen: 48.686 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX012853.D
 Acq: 07 Oct 2019 21:04

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-103IMSD

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	101.2

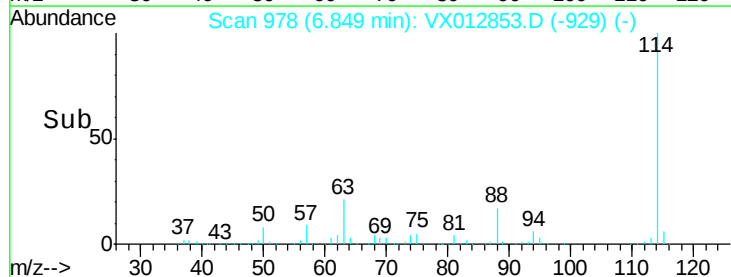
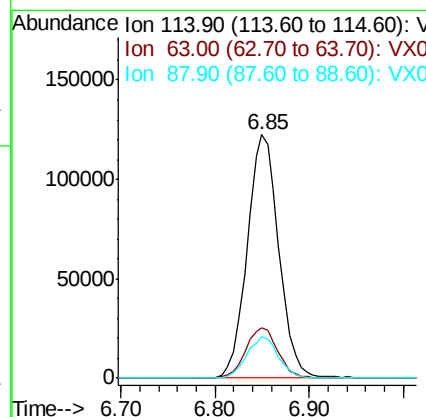
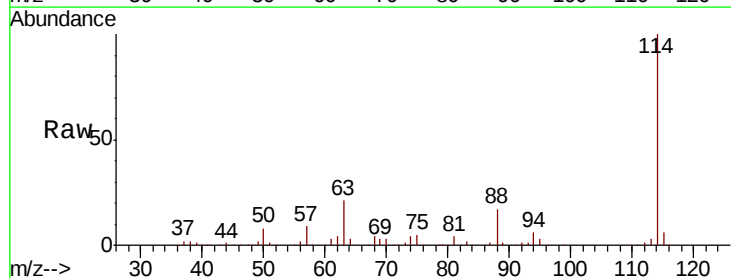
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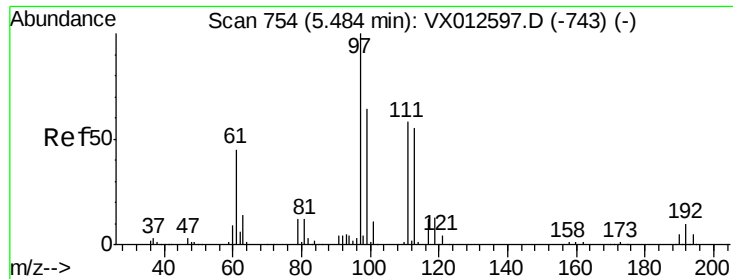
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012853.D
 Acq: 07 Oct 2019 21:04

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	43.2
88	17.0	0.0	33.2





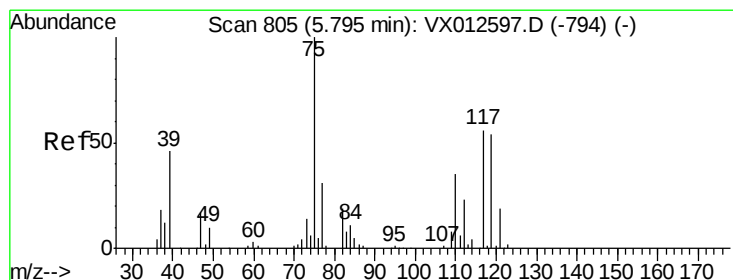
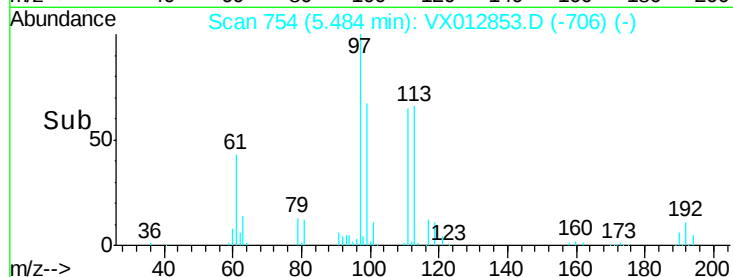
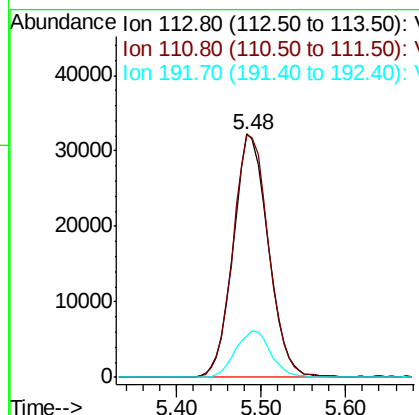
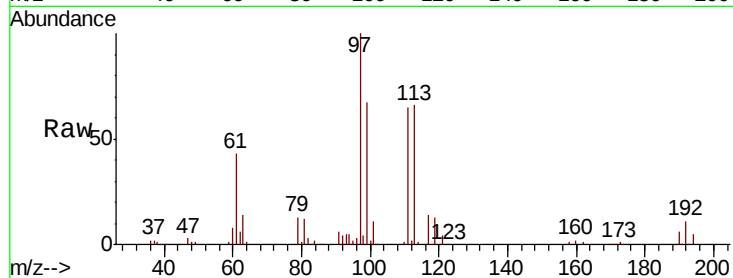
#35
Dibromofluoromethane
Concen: 53.048 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX012853.D
Acq: 07 Oct 2019 21:04

Instrument :
MSVOA_X
ClientSampleId :
MW-103IMSD

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.4	83.4	125.2
192	19.2	14.4	21.6

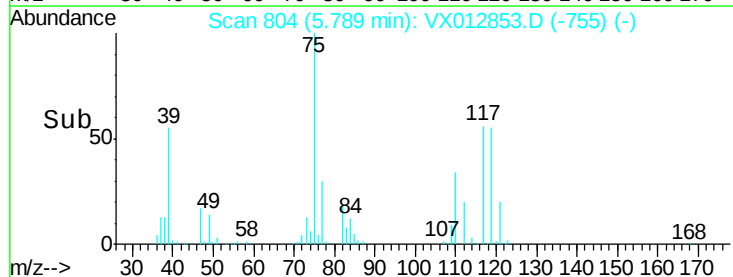
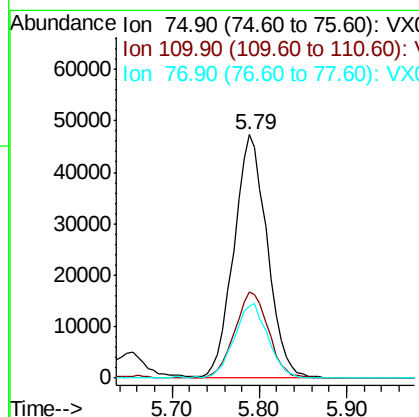
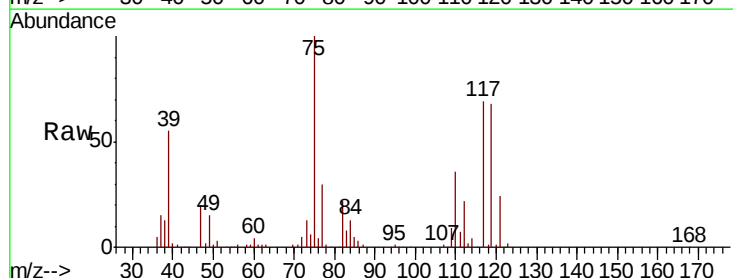
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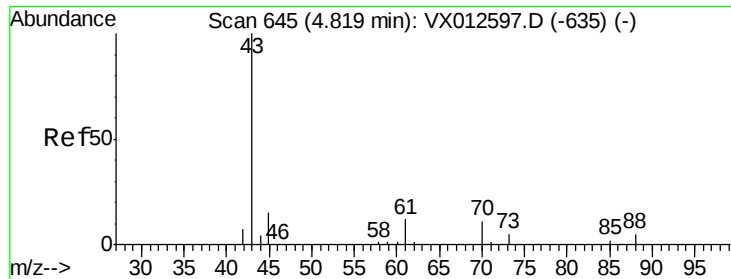
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#36
1,1-Dichloropropene
Concen: 45.101 ug/l
RT: 5.79 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX012853.D
Acq: 07 Oct 2019 21:04

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.9	16.7	50.0
77	31.1	24.2	36.2





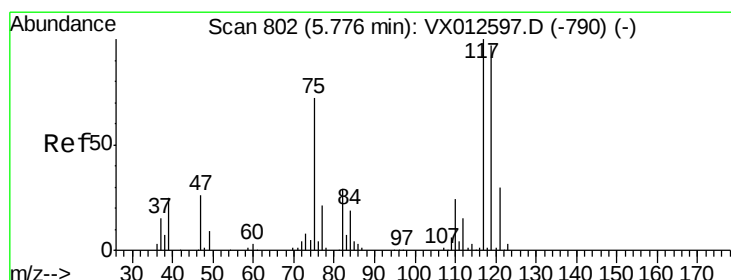
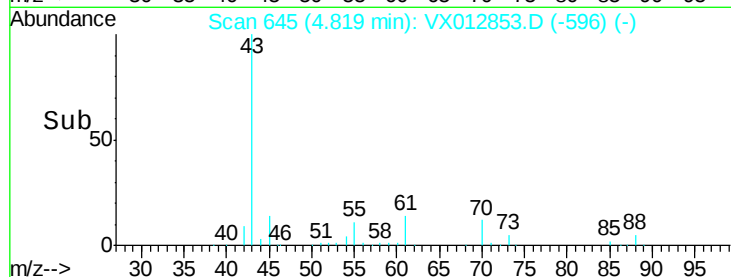
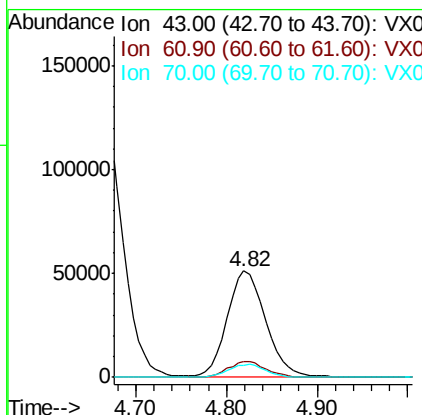
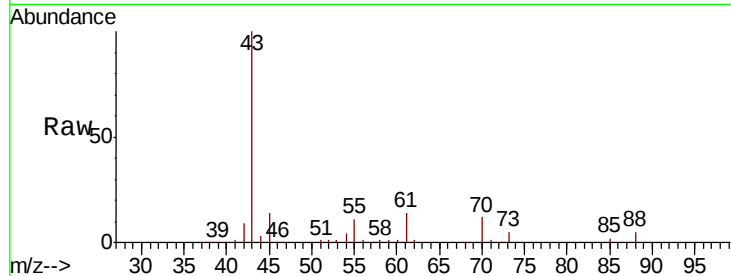
#37
Ethyl Acetate
Concen: 46.337 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX012853.D
Acq: 07 Oct 2019 21:04

Instrument :
MSVOA_X
ClientSampleId :
MW-103IMSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.3	10.2	15.4
70	11.9	8.7	13.1

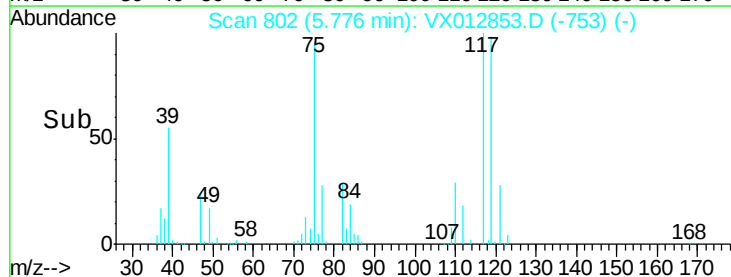
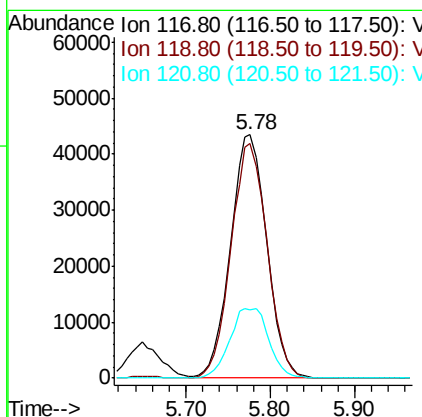
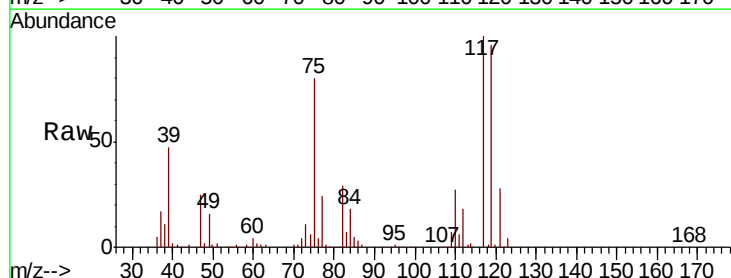
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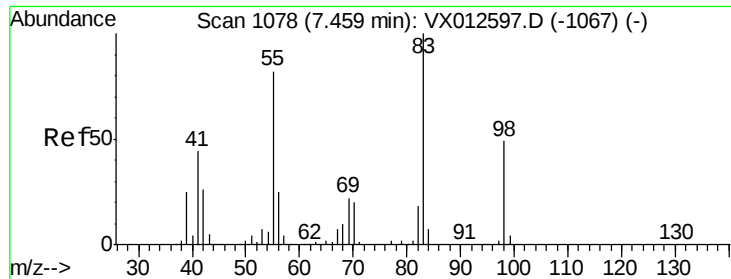
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#38
Carbon Tetrachloride
Concen: 45.019 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX012853.D
Acq: 07 Oct 2019 21:04

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.3	75.7	113.5
121	28.2	24.2	36.4





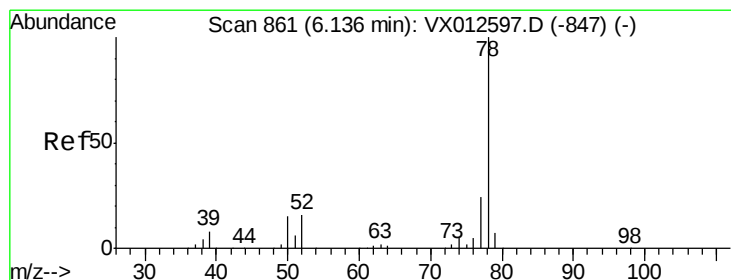
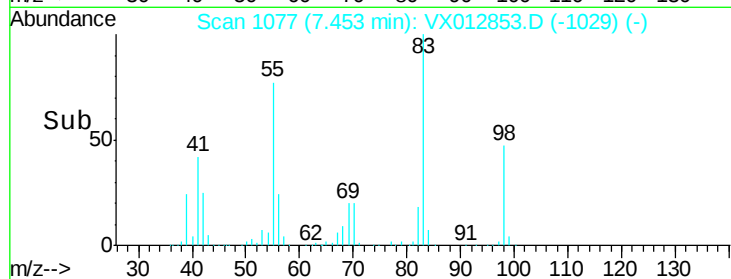
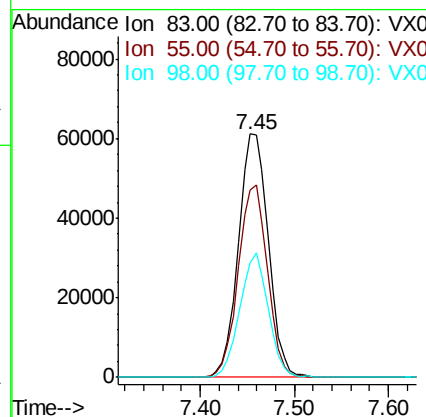
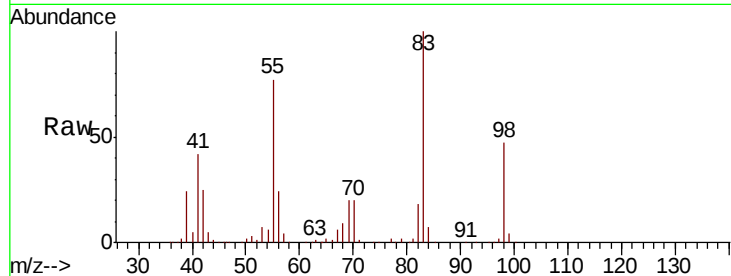
#39
Methvlcvclohexane
Concen: 40.585 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX012853.D
Acq: 07 Oct 2019 21:04

Instrument :
MSVOA_X
ClientSampleId :
MW-103IMSD

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.1	64.4	96.6
98	47.2	40.1	60.1

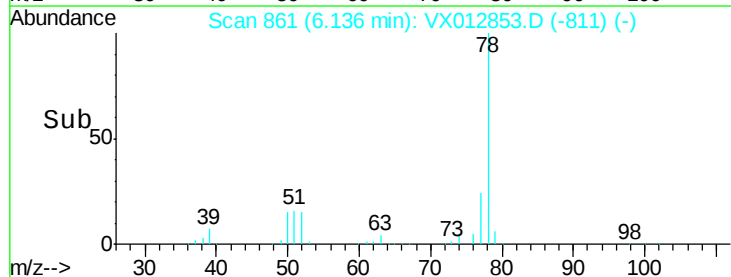
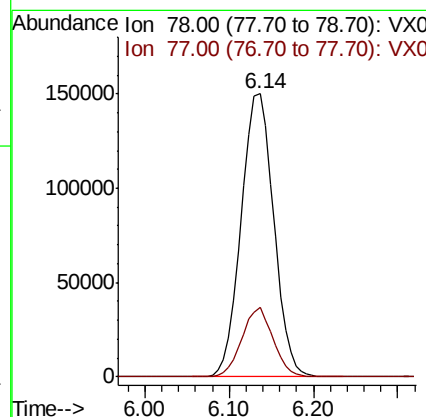
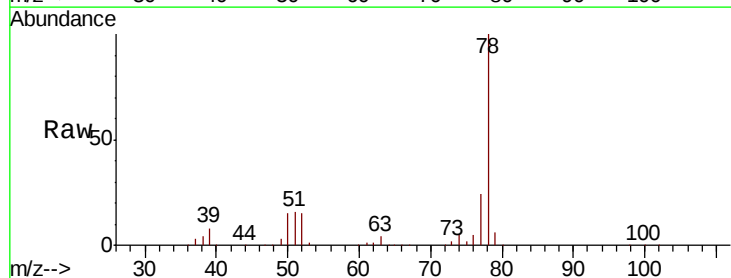
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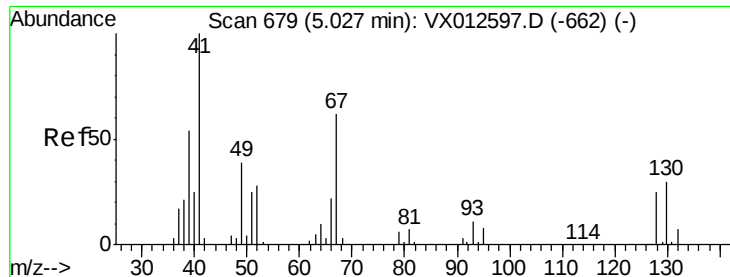
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#40
Benzene
Concen: 48.263 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX012853.D
Acq: 07 Oct 2019 21:04

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.5	19.2	28.8





#41

Methacrylonitrile

Concen: 47.137 ug/l

RT: 5.03 min Scan# 680

Delta R.T. 0.01 min

Lab File: VX012853.D

Acq: 07 Oct 2019 21:04

Instrument :

MSVOA_X

ClientSampleId :

MW-103IMSD

Tot Ion: 41 Resp: 85650

Ion Ratio Lower Upper

41 100

39 55.1 46.0 69.0

67 73.3 52.2 78.2

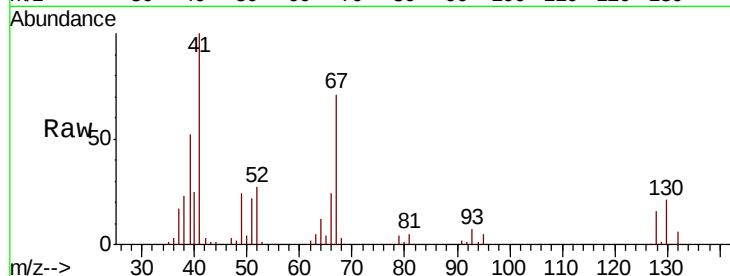
52 29.8 22.7 34.1

Manual Integrations

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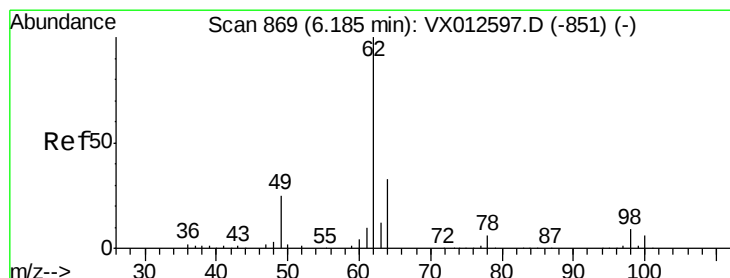
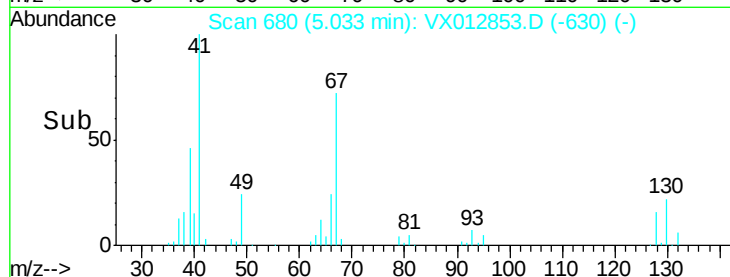
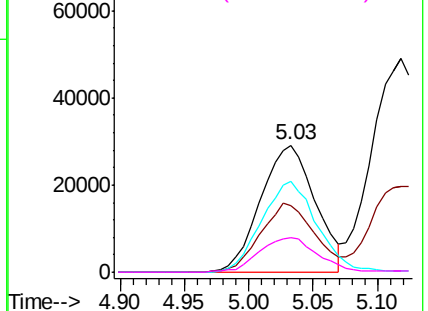


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 46.435 ug/l

RT: 6.18 min Scan# 869

Delta R.T. 0.00 min

Lab File: VX012853.D

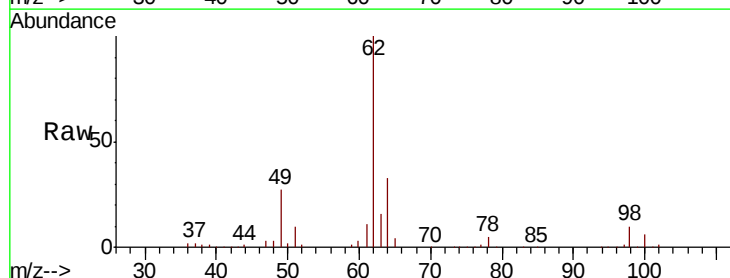
Acq: 07 Oct 2019 21:04

Tgt Ion: 62 Resp: 143719

Ion Ratio Lower Upper

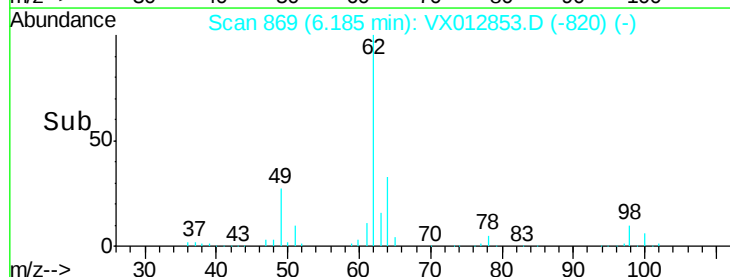
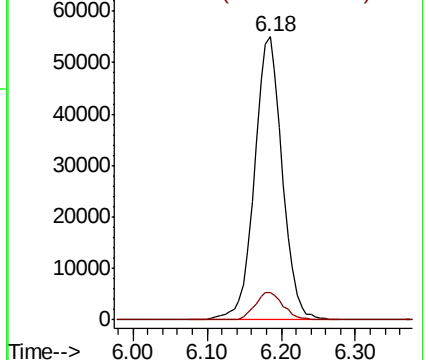
62 100

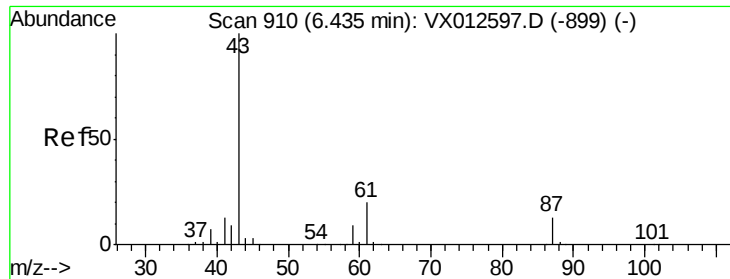
98 9.8 0.0 17.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





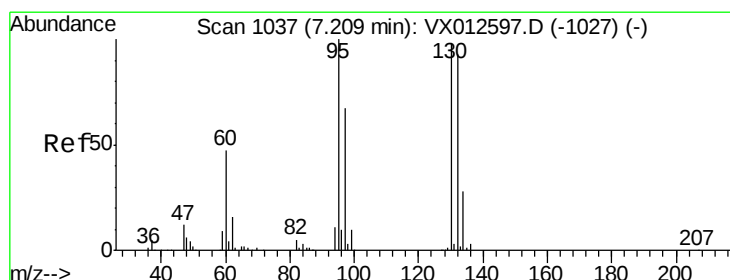
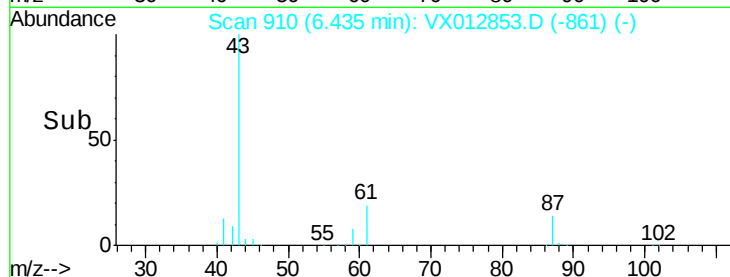
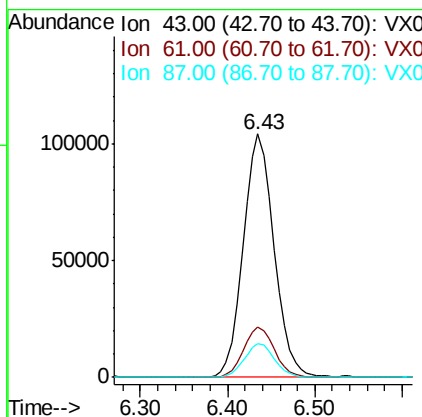
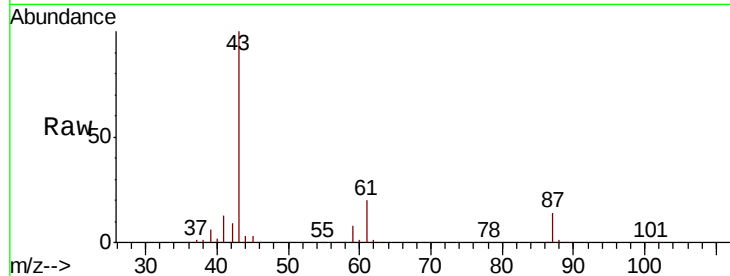
#43
Isopropyl Acetate
Concen: 46.739 ug/l
RT: 6.43 min Scan# 910
Delta R.T. 0.00 min
Lab File: VX012853.D
Acq: 07 Oct 2019 21:04

Instrument :
MSVOA_X
ClientSampled :
MW-103IMSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.9	15.4	23.0
87	13.9	9.8	14.8

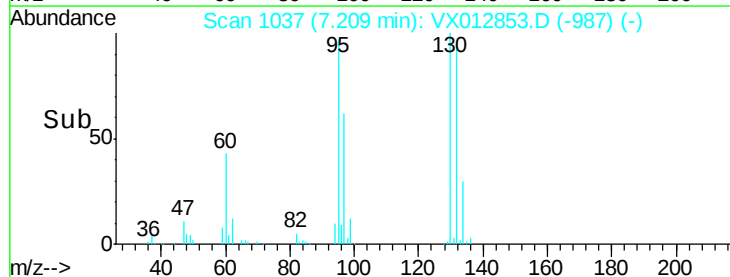
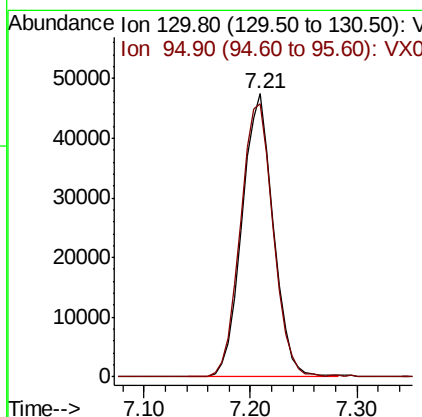
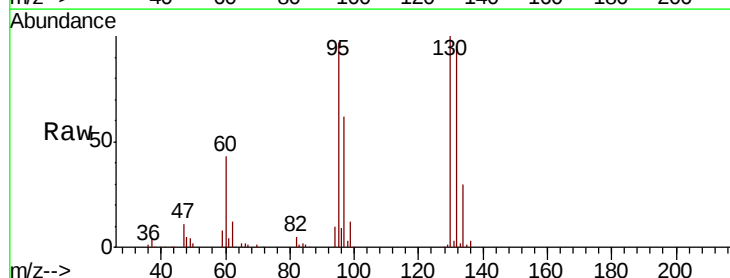
Manual Integrations
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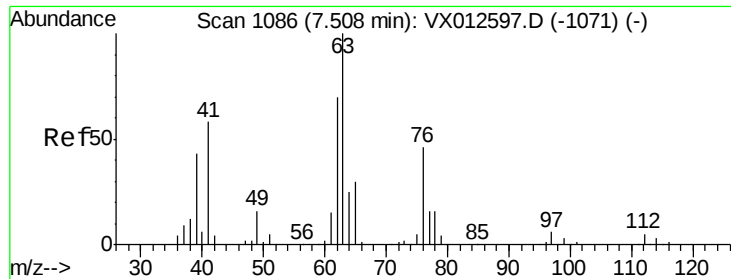
MMDadoda
10/8/2019 2:07:01 PM



#44
Trichloroethene
Concen: 47.028 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VX012853.D
Acq: 07 Oct 2019 21:04

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.7	0.0	193.0





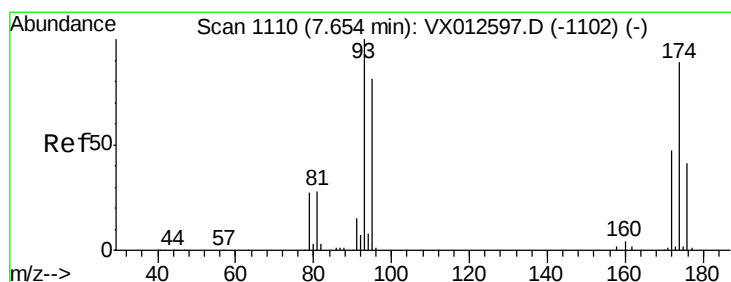
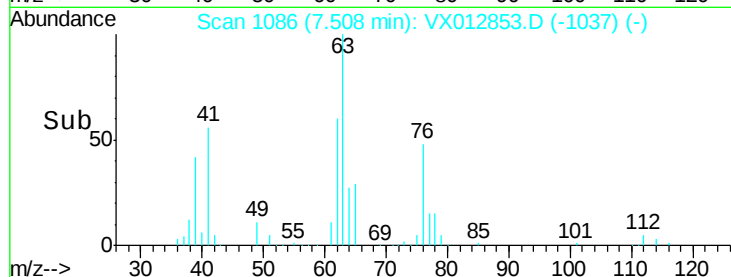
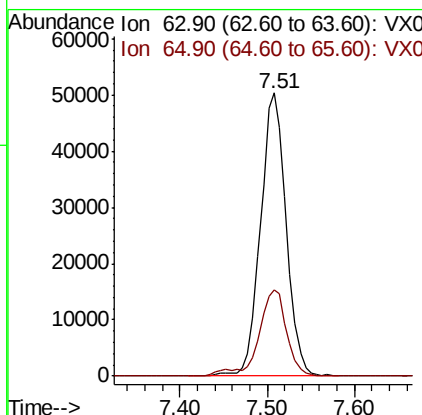
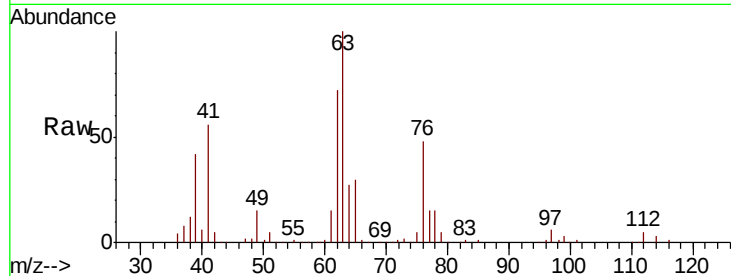
#45
 1,2-Dichloropropane
 Concen: 49.626 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX012853.D
 Acq: 07 Oct 2019 21:04

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-103IMSD

Tot Ion: 63 Resp: 103556
 Ion Ratio Lower Upper
 63 100
 65 30.3 25.0 37.6

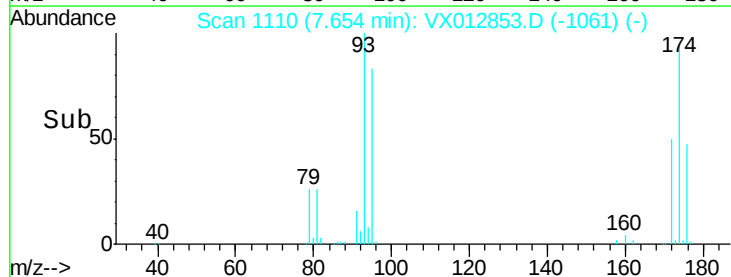
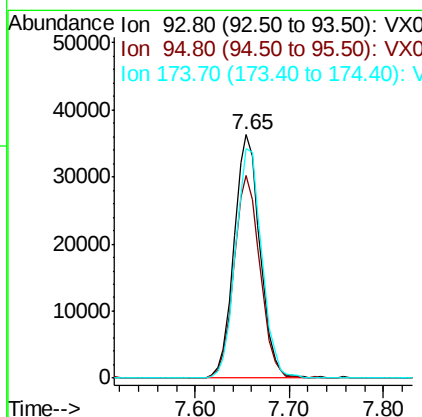
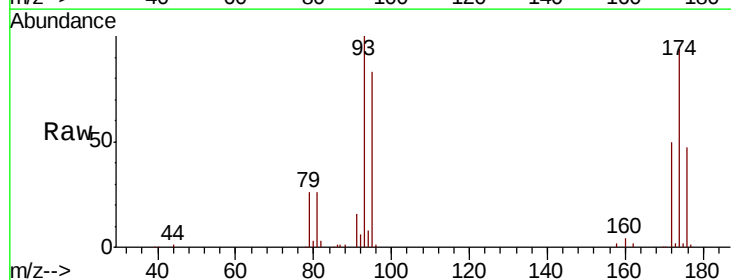
Manual Integrations
 APPROVED

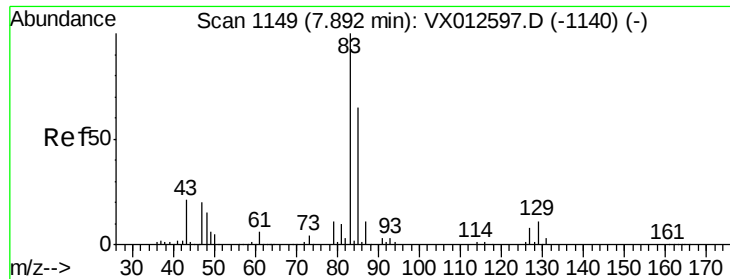
MMDadoda
 10/8/2019 2:07:01 PM



#46
 Dibromomethane
 Concen: 48.771 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX012853.D
 Acq: 07 Oct 2019 21:04

Tgt Ion: 93 Resp: 69291
 Ion Ratio Lower Upper
 93 100
 95 83.5 66.6 100.0
 174 95.3 77.4 116.0





#47

Bromodichloromethane

Concen: 49.105 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX012853.D

Acq: 07 Oct 2019 21:04

Instrument :

MSVOA_X

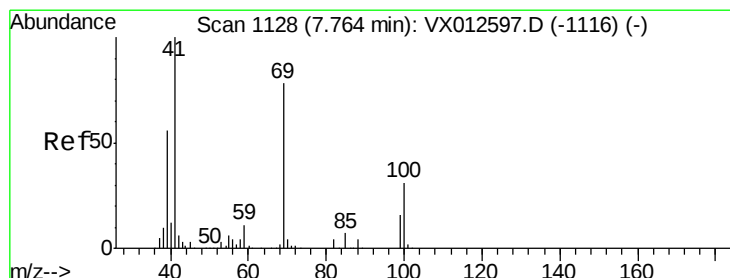
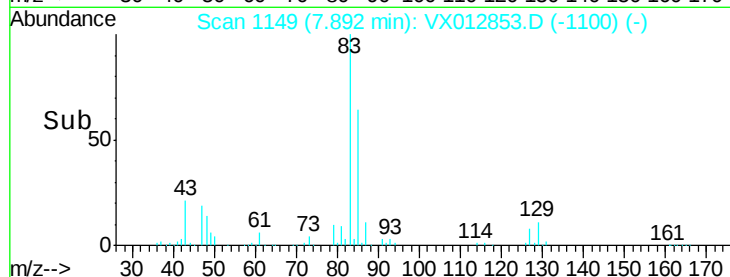
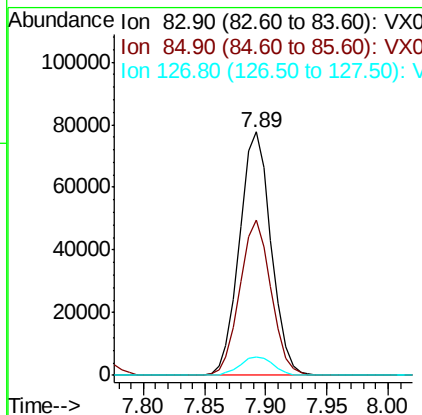
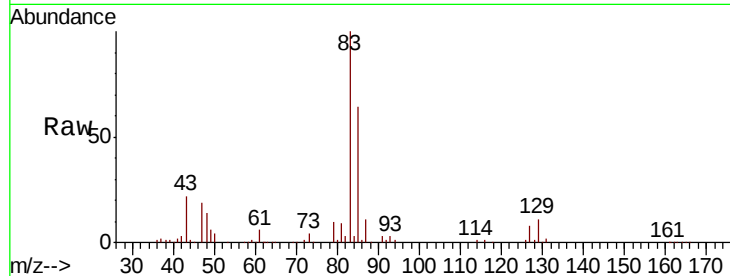
ClientSampleId :

MW-103IMSD

Tot Ion:	83	Resp:	139436
Ion	Ratio	Lower	Upper
83	100		
85	63.9	51.8	77.6
127	7.7	7.3	10.9

Manual Integrations
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MMDadoda
10/8/2019 2:07:01 PM



#48

Methyl methacrylate

Concen: 48.329 ug/l

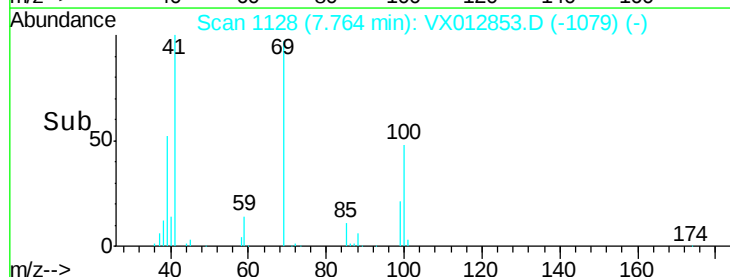
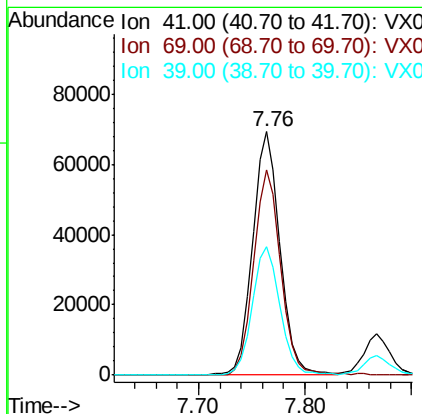
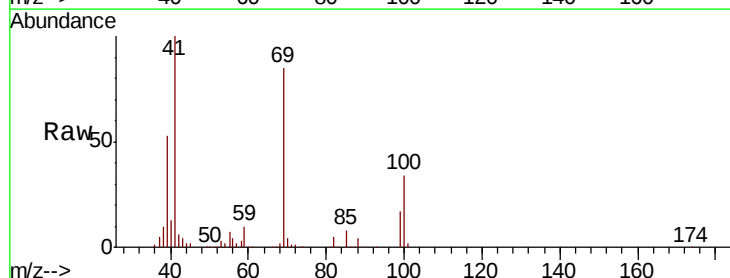
RT: 7.76 min Scan# 1128

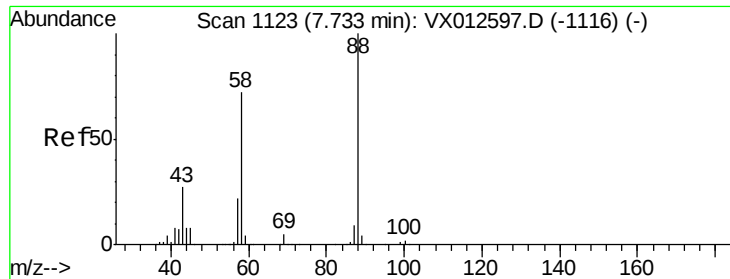
Delta R.T. 0.00 min

Lab File: VX012853.D

Acq: 07 Oct 2019 21:04

Tgt Ion:	41	Resp:	125505
Ion	Ratio	Lower	Upper
41	100		
69	83.1	59.9	89.9
39	53.6	47.8	71.6





#49

1,4-Dioxane

Concen: 993.038 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX012853.D

Acq: 07 Oct 2019 21:04

Instrument :

MSVOA_X

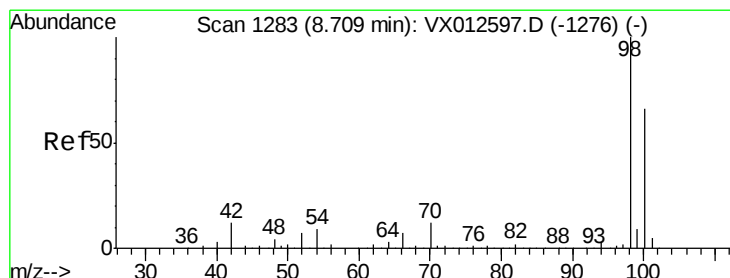
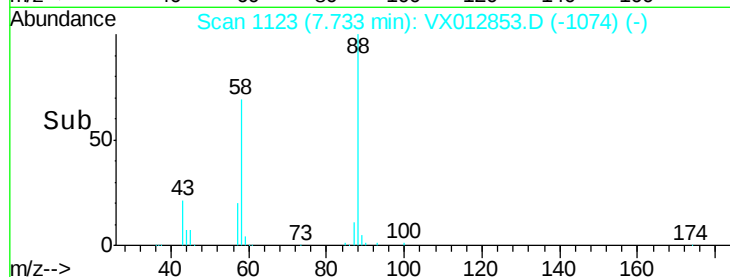
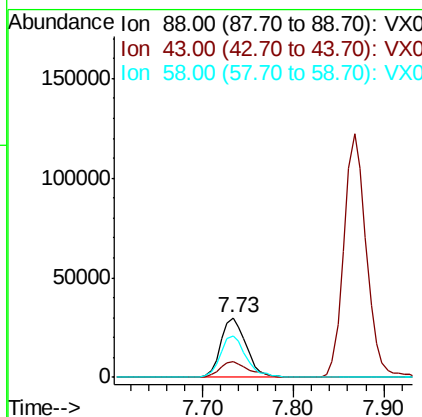
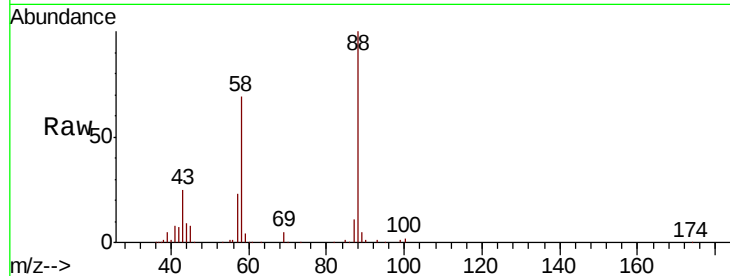
ClientSampleId :

MW-103IMSD

Tot Ion:	88	Resp:	58492
Ion	Ratio	Lower	Upper
88	100		
43	30.8	29.4	44.0
58	69.8	57.5	86.3

Manual Integrations
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#50

Toluene-d8

Concen: 51.125 ug/l

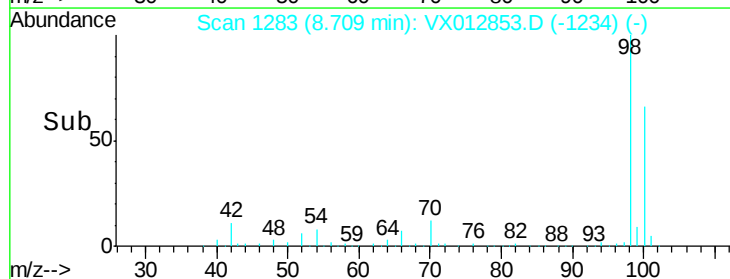
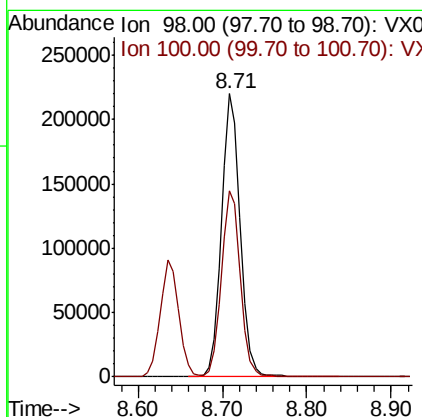
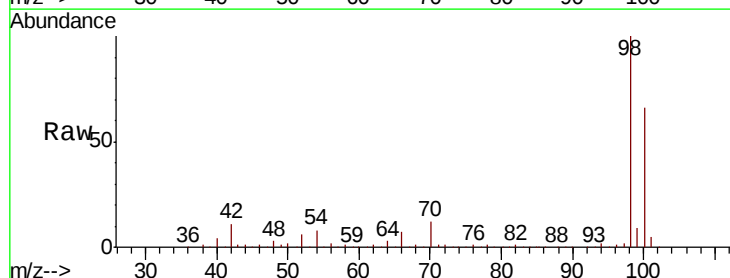
RT: 8.71 min Scan# 1283

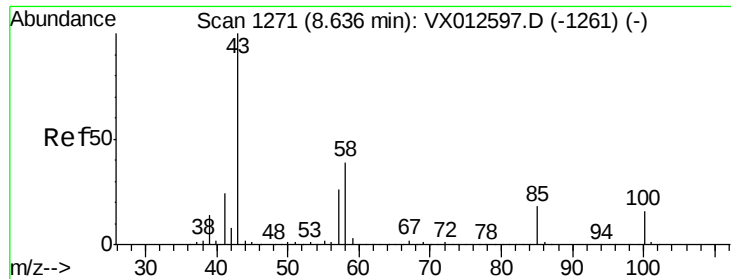
Delta R.T. 0.00 min

Lab File: VX012853.D

Acq: 07 Oct 2019 21:04

Tgt Ion:	98	Resp:	336977
Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.4	80.2





#51

4-Methyl-2-Pentanone

Concen: 243.810 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX012853.D

Acq: 07 Oct 2019 21:04

Instrument :

MSVOA_X

ClientSampleId :

MW-103IMSD

Tot Ion: 43 Resp: 815089

Ion Ratio Lower Upper

43 100

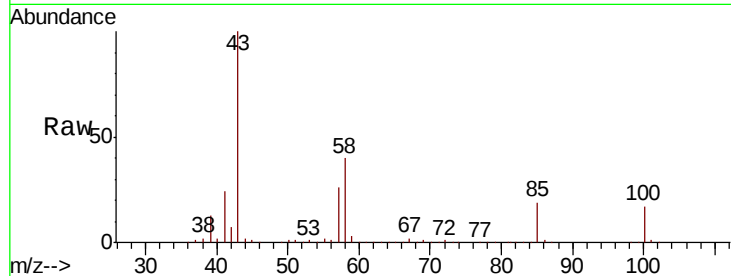
58 39.9 29.8 44.6

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

600000

500000

400000

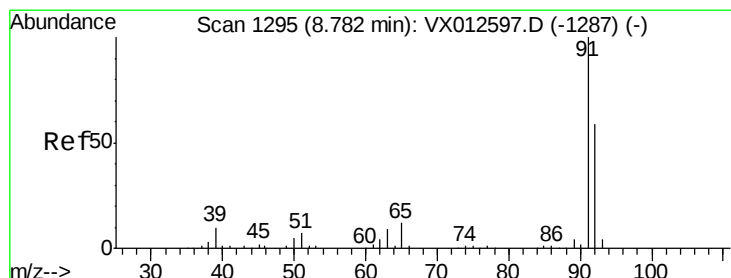
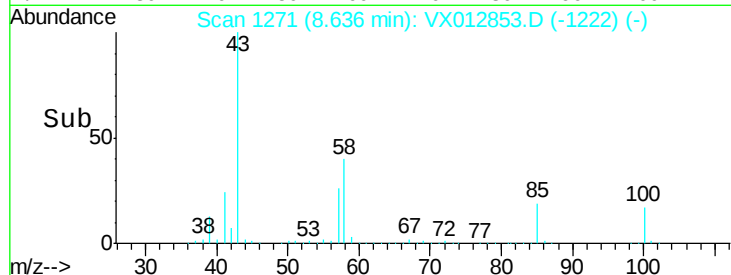
300000

200000

100000

0

Time--> 8.50 8.60 8.70 8.80



#52

Toluene

Concen: 49.056 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX012853.D

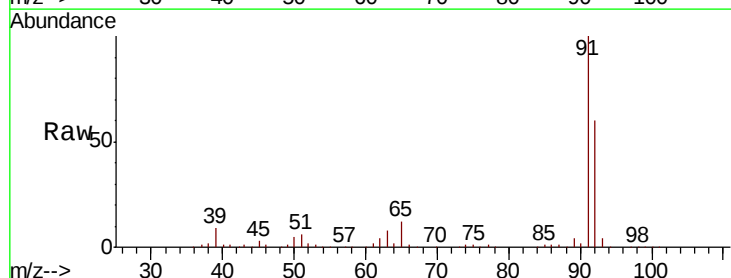
Acq: 07 Oct 2019 21:04

Tgt Ion: 92 Resp: 251294

Ion Ratio Lower Upper

92 100

91 167.1 135.4 203.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.78

300000

250000

200000

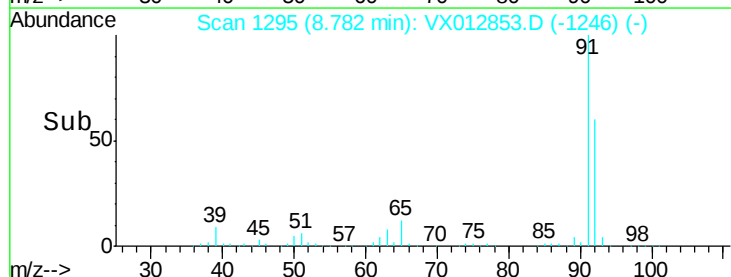
150000

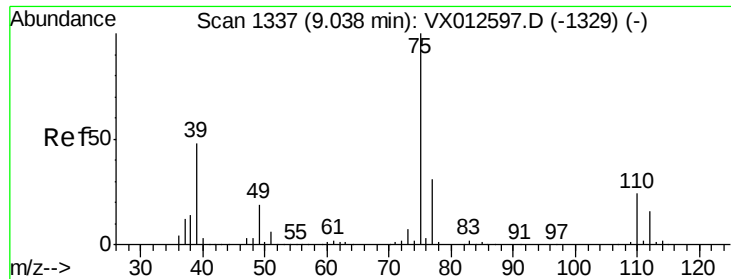
100000

50000

0

Time--> 8.70 8.80 8.90





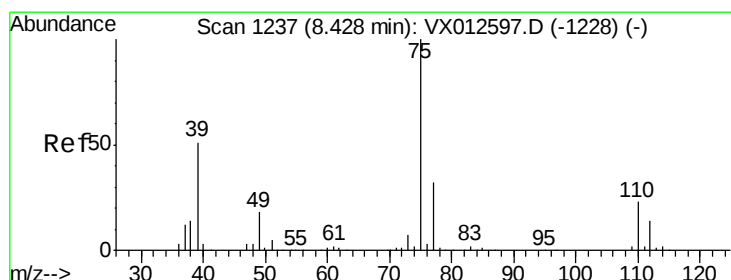
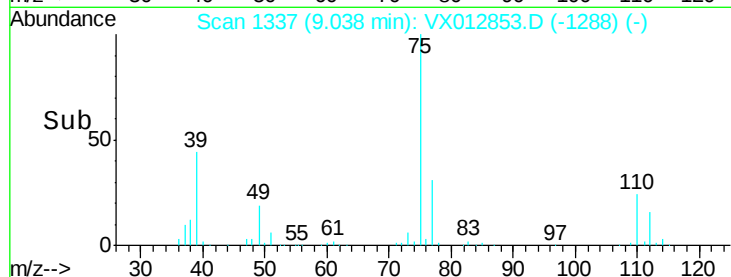
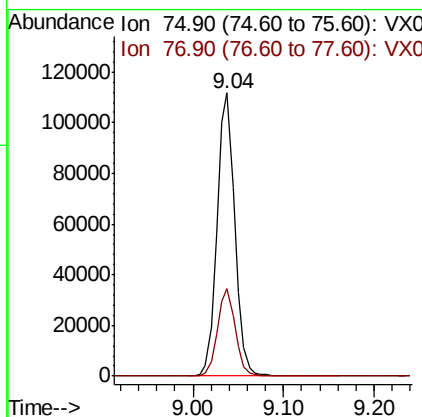
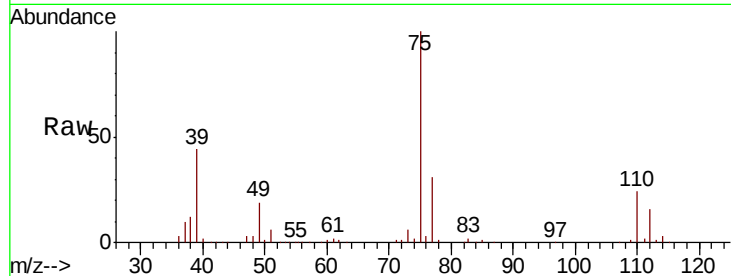
#53
 t-1,3-Dichloropropene
 Concen: 48.819 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VX012853.D
 Acq: 07 Oct 2019 21:04

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-103IMSD

Tot Ion: 75 Resp: 153375
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.2 37.8

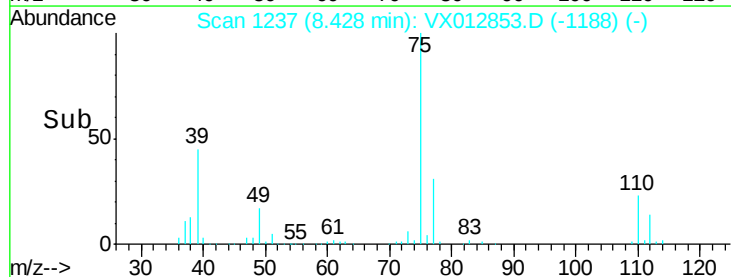
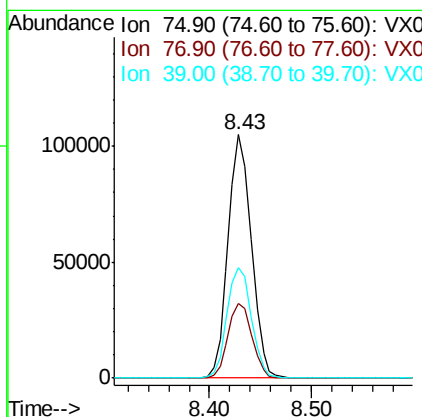
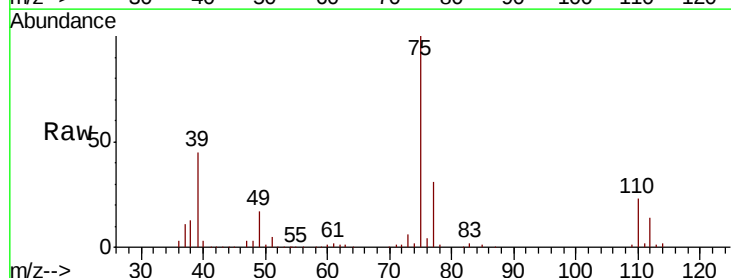
Manual Integrations
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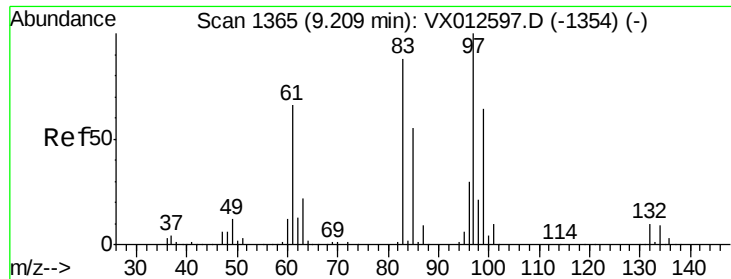
MMDadoda
 10/8/2019 2:07:01 PM



#54
 cis-1,3-Dichloropropene
 Concen: 48.512 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX012853.D
 Acq: 07 Oct 2019 21:04

Tgt Ion: 75 Resp: 166408
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.8 38.8
 39 45.3 45.5 68.3#





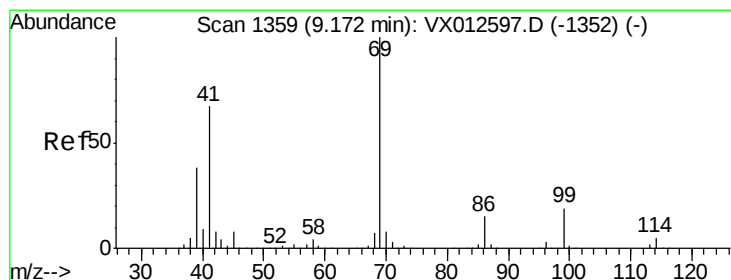
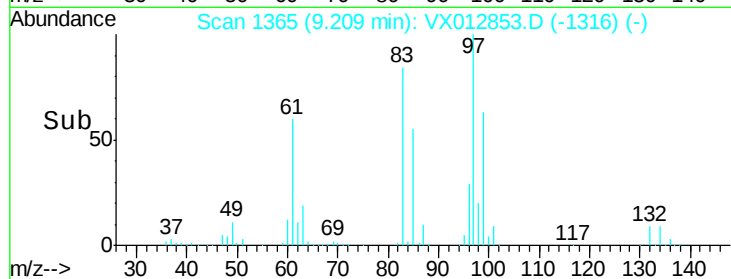
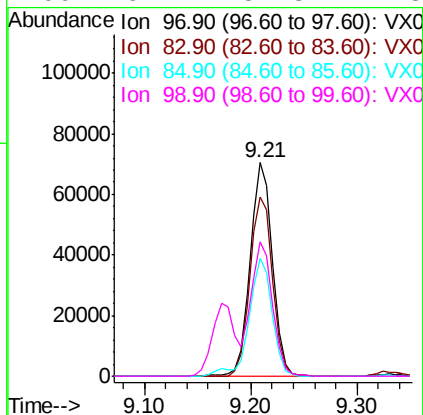
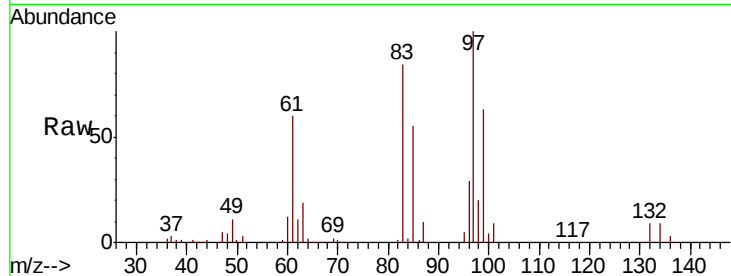
#55
 1,1,2-Trichloroethane
 Concen: 50.762 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012853.D
 Acq: 07 Oct 2019 21:04

Instrument :
 MSVOA_X
 ClientSampled :
 MW-103IMSD

Tot Ion:	97	Resp:	103383
Ion	Ratio	Lower	Upper
97	100		
83	83.9	67.4	101.2
85	55.4	43.5	65.3
99	62.7	51.8	77.8

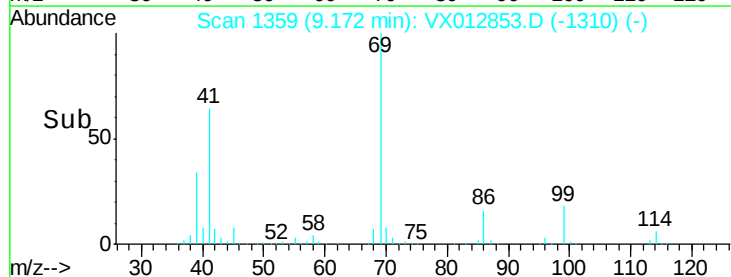
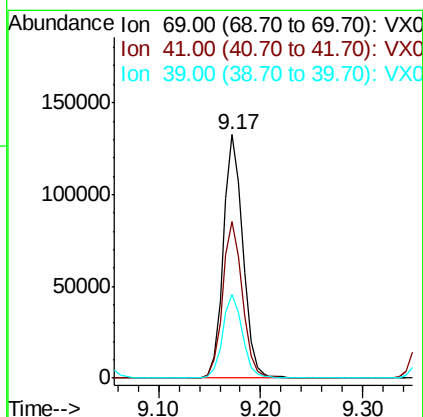
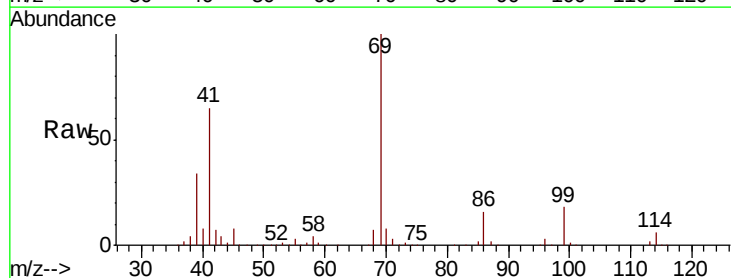
Manual Integrations
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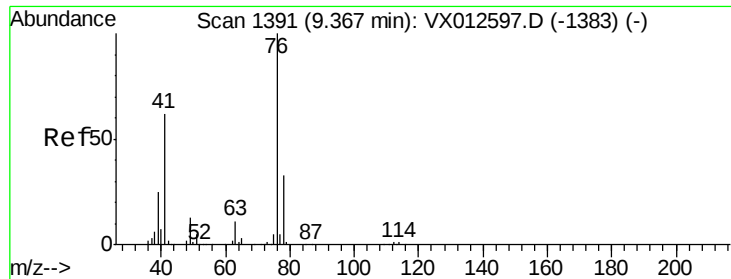
MMDadoda
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#56
 Ethyl methacrylate
 Concen: 51.766 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012853.D
 Acq: 07 Oct 2019 21:04

Tgt Ion:	69	Resp:	177118
Ion	Ratio	Lower	Upper
69	100		
41	65.0	58.4	87.6
39	34.7	33.4	50.0





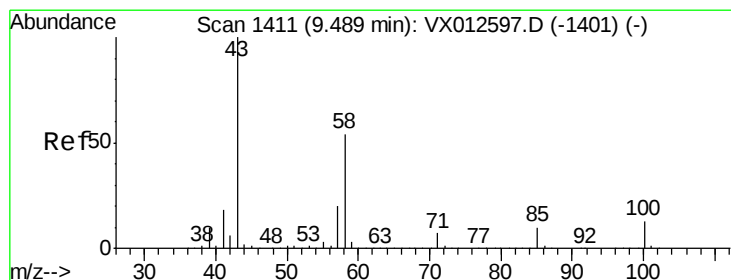
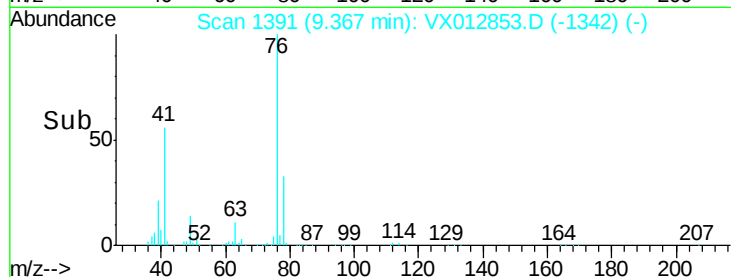
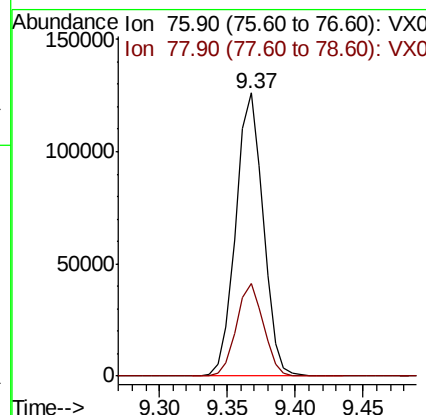
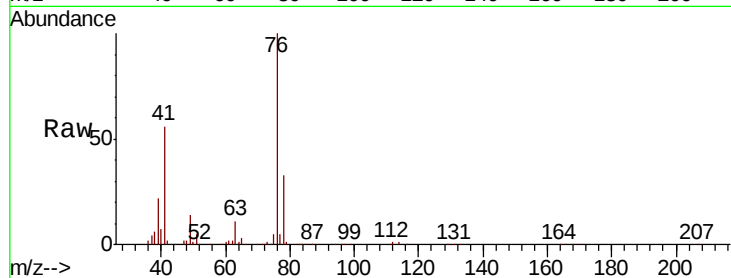
#57
 1,3-Dichloropropane
 Concen: 49.791 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX012853.D
 Acq: 07 Oct 2019 21:04

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-103IMSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	26.2	39.2

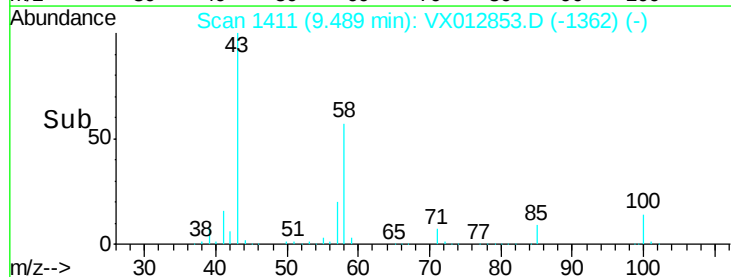
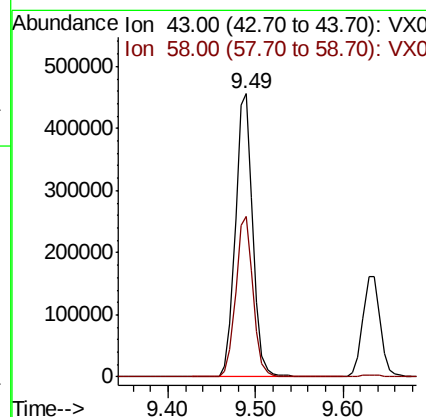
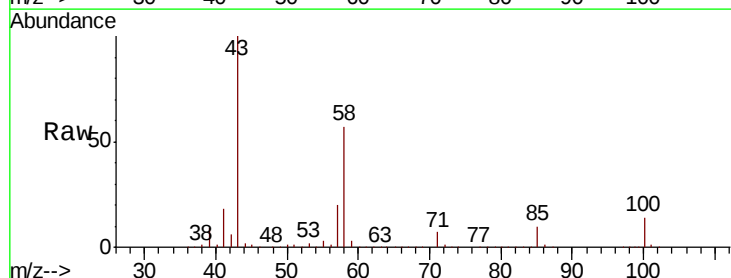
Manual Integrations
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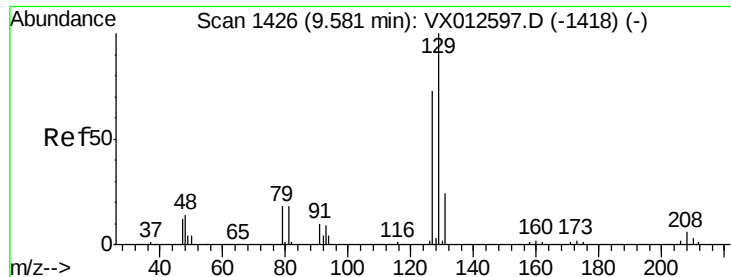
MMDadoda
 10/8/2019 2:07:01 PM



#59
 2-Hexanone
 Concen: 247.389 ug/l
 RT: 9.49 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX012853.D
 Acq: 07 Oct 2019 21:04

Tgt Ion	Ratio	Lower	Upper
43	100		
58	56.4	25.7	77.1





#60

Dibromochloromethane

Concen: 51.187 ug/l

RT: 9.58 min Scan# 1426

Delta R.T. 0.00 min

Lab File: VX012853.D

Acq: 07 Oct 2019 21:04

Instrument :

MSVOA_X

ClientSampleId :

MW-103IMSD

Tot Ion:129 Resp: 105530

Ion Ratio Lower Upper

129 100

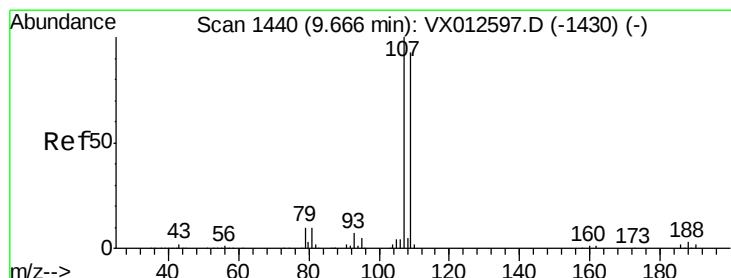
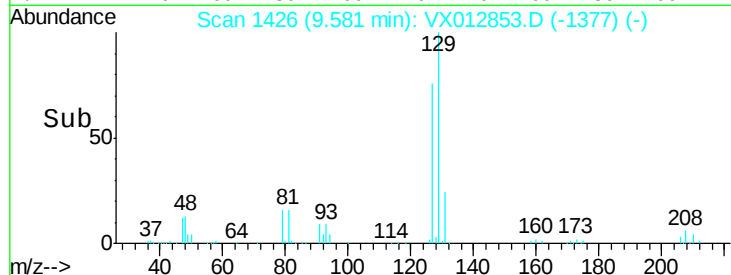
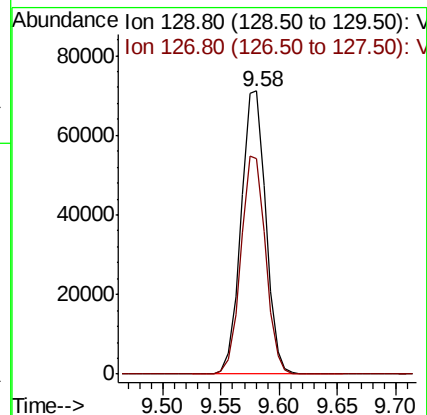
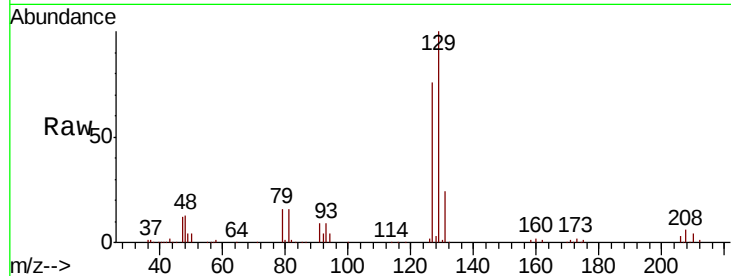
127 76.8 38.9 116.6

Manual Integrations

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#61

1,2-Dibromoethane

Concen: 51.075 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012853.D

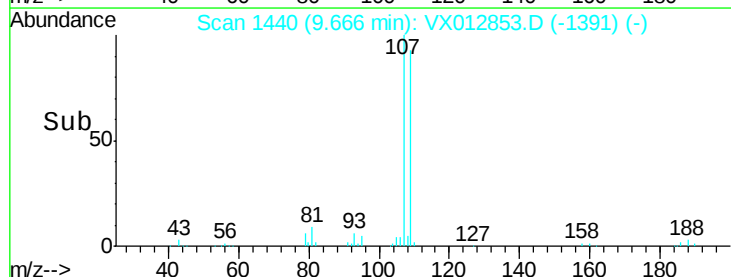
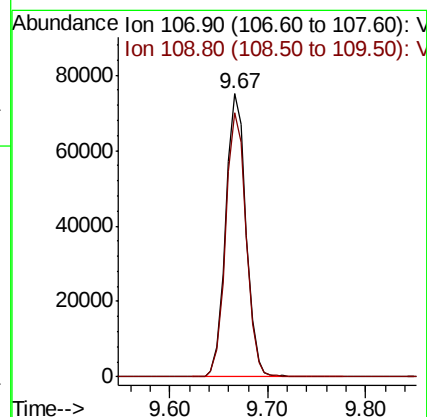
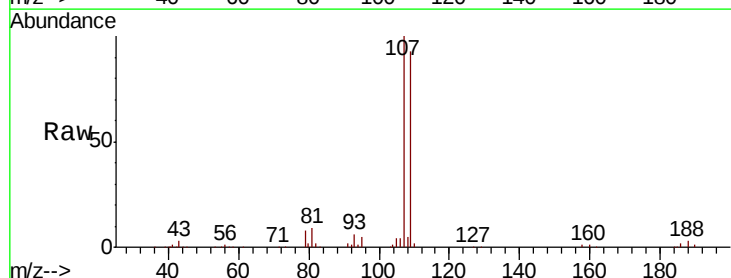
Acq: 07 Oct 2019 21:04

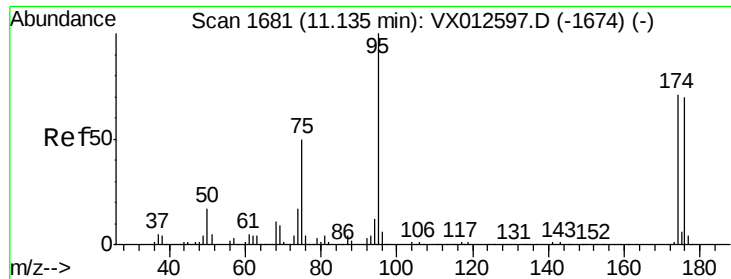
Tgt Ion:107 Resp: 108257

Ion Ratio Lower Upper

107 100

109 94.1 74.7 112.1





#62

4-Bromofluorobenzene

Concen: 50.651 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX012853.D

Acq: 07 Oct 2019 21:04

Instrument :

MSVOA_X

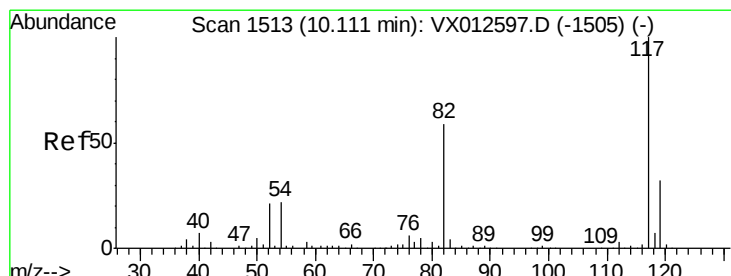
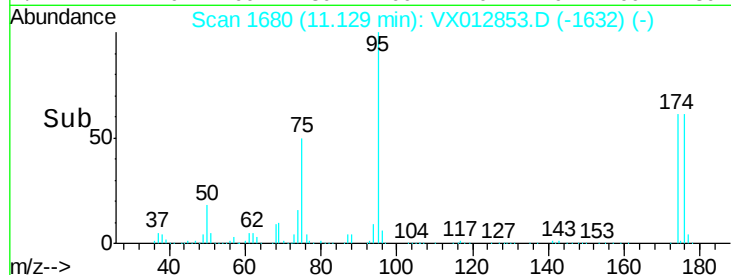
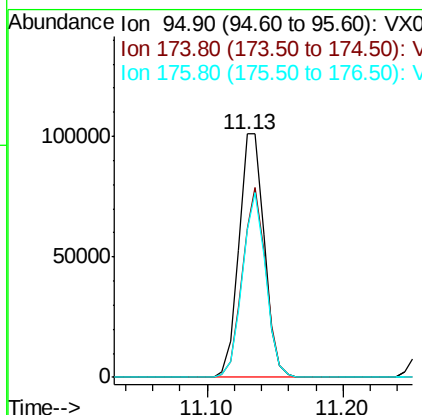
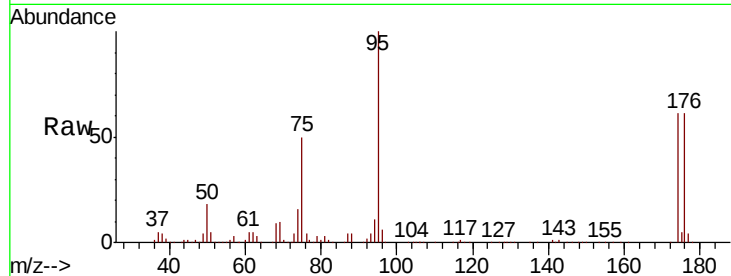
ClientSampled :

MW-103IMSD

Tot Ion:	95	Resp:	131272
Ion Ratio	Lower	Upper	
95	100		
174	71.9	0.0	140.0
176	69.7	0.0	135.4

Manual Integrations
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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

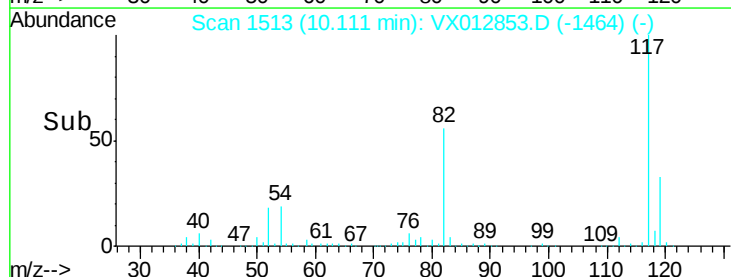
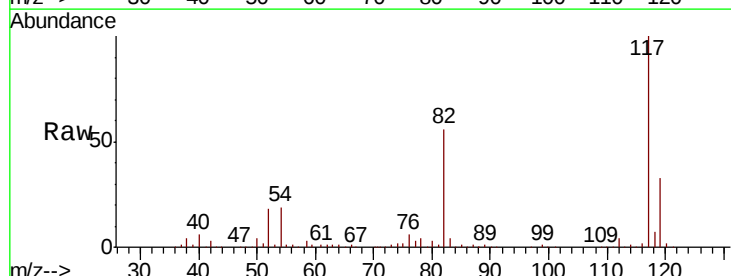
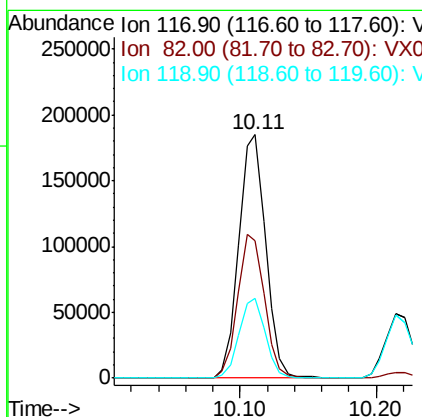
RT: 10.11 min Scan# 1513

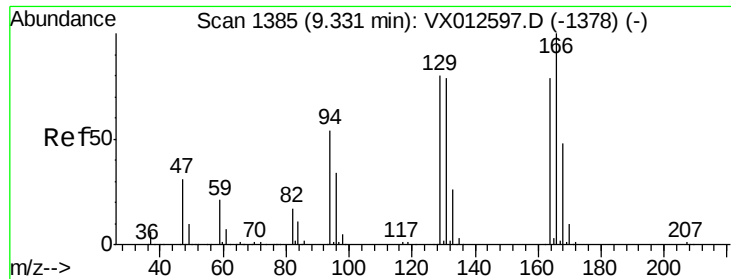
Delta R.T. 0.00 min

Lab File: VX012853.D

Acq: 07 Oct 2019 21:04

Tgt Ion:	117	Resp:	255931
Ion Ratio	Lower	Upper	
117	100		
82	56.4	45.9	68.9
119	32.8	25.3	37.9





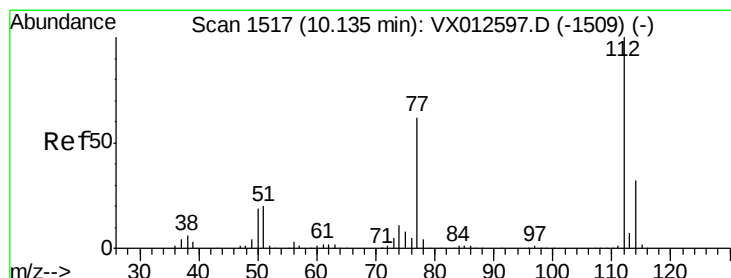
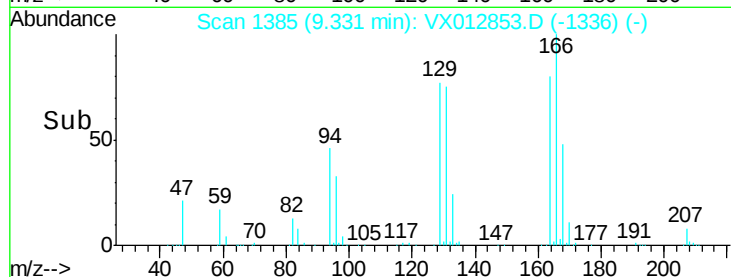
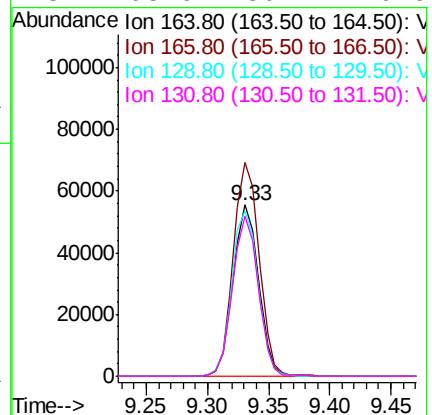
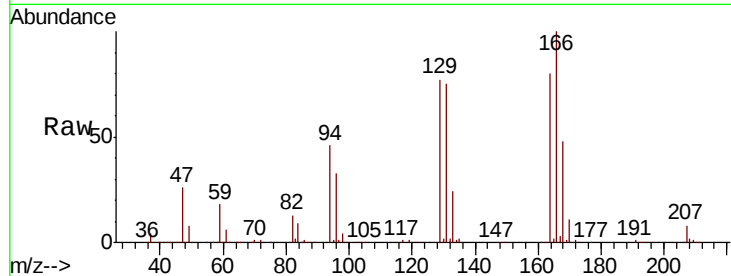
#64
Tetrachloroethene
Concen: 44.918 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012853.D
Acq: 07 Oct 2019 21:04

Instrument :
MSVOA_X
ClientSampleId :
MW-103IMSD

Tot Ion	Ratio	Lower	Upper
164	100		
166	124.7	107.8	161.6
129	96.4	86.2	129.2
131	93.6	80.4	120.6

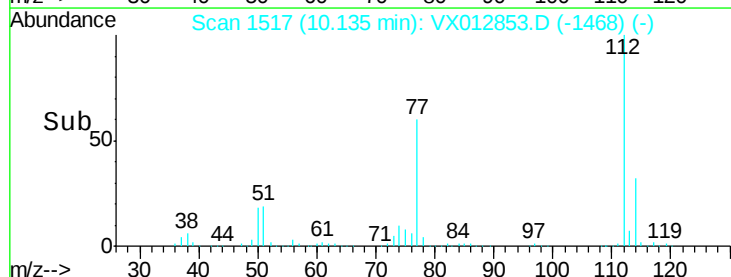
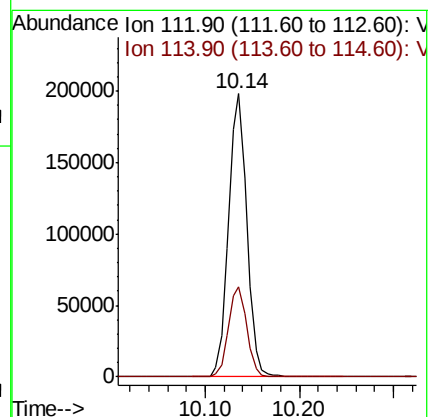
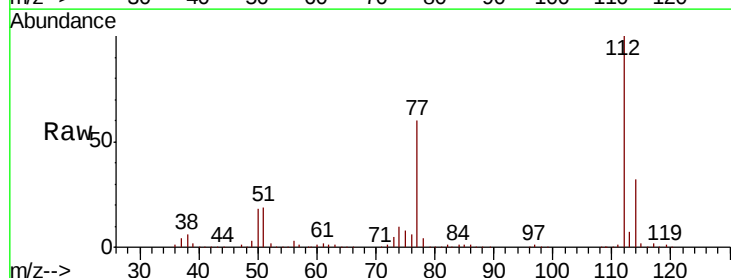
Manual Integrations
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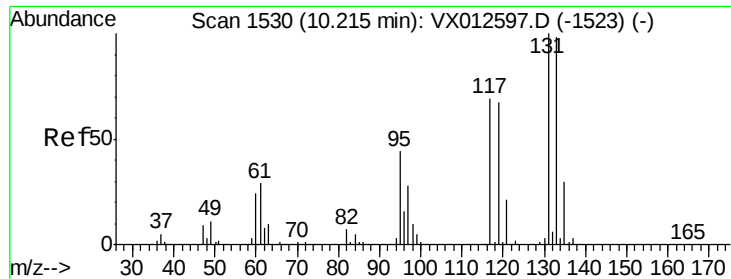
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#65
Chlorobenzene
Concen: 49.572 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX012853.D
Acq: 07 Oct 2019 21:04

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.6	25.4	38.0





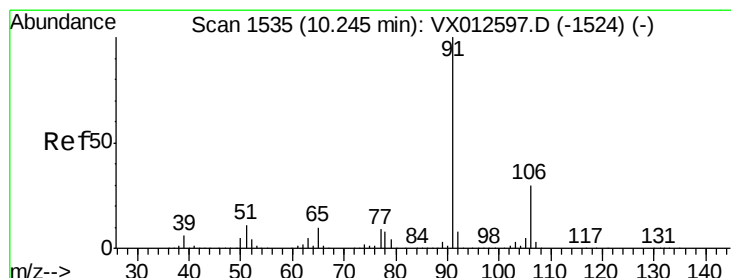
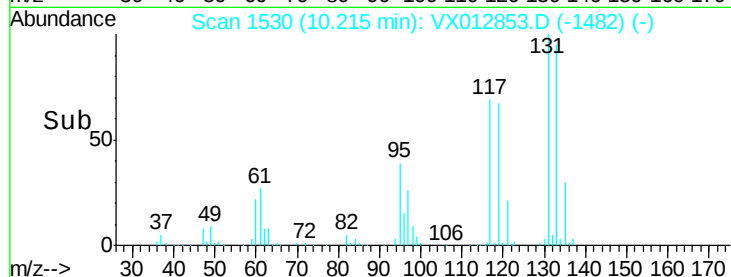
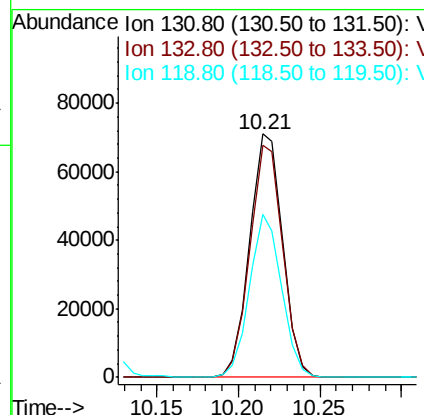
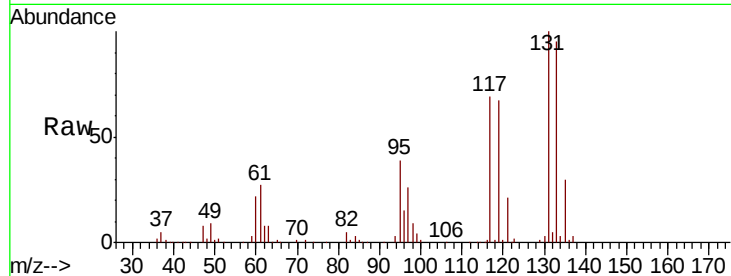
#66
 1,1,1,2-Tetrachloroethane
 Concen: 51.383 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VX012853.D
 Acq: 07 Oct 2019 21:04

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-103IMSD

Tot Ion	Ratio	Lower	Upper
131	100		
133	95.2	47.6	142.9
119	64.8	31.3	93.8

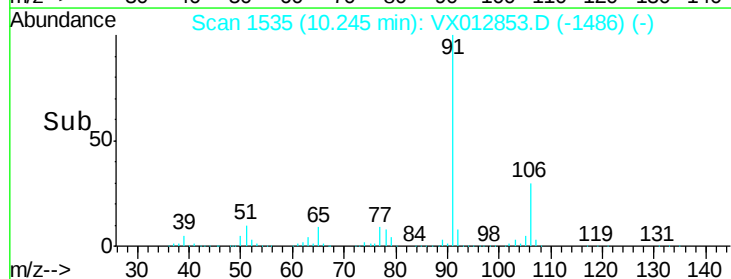
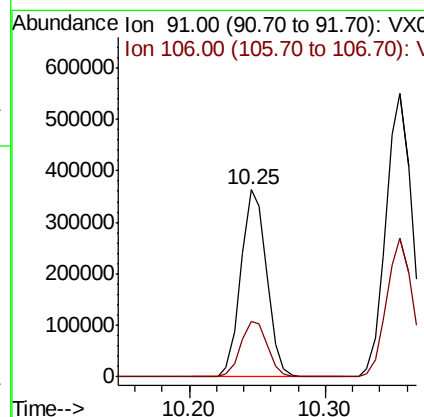
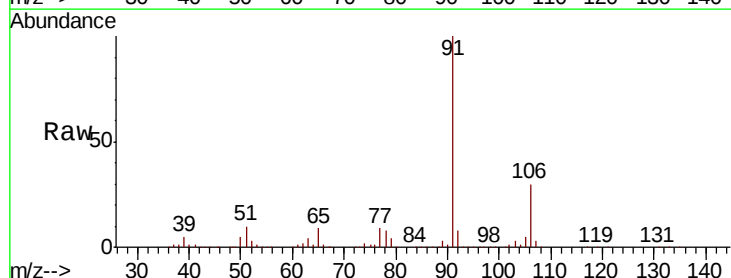
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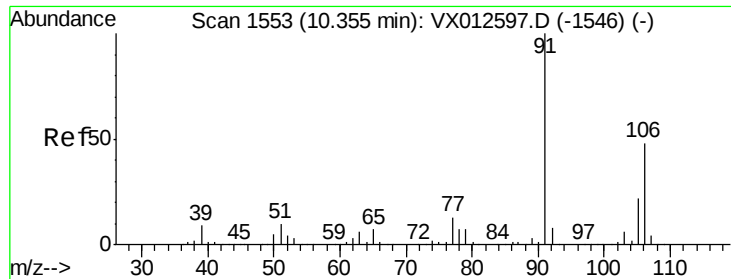
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#67
 Ethyl Benzene
 Concen: 49.106 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VX012853.D
 Acq: 07 Oct 2019 21:04

Tgt Ion	Ratio	Lower	Upper
91	100		
106	29.9	24.6	37.0





#68

m/p-Xvlenes

Concen: 97.984 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX012853.D

Acq: 07 Oct 2019 21:04

Instrument :

MSVOA_X

ClientSampleId :

MW-103IMSD

Tot Ion:106 Resp: 358786

Ion Ratio Lower Upper

106 100

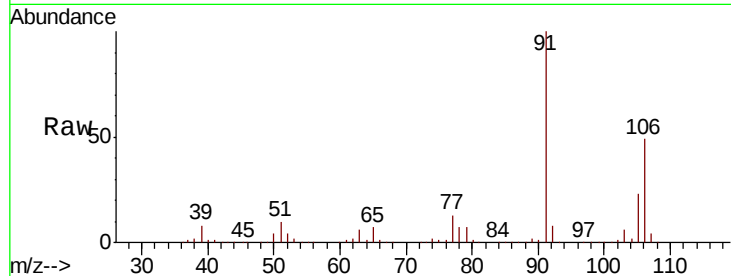
91 206.3 166.6 250.0

Manual Integrations

APPROVED

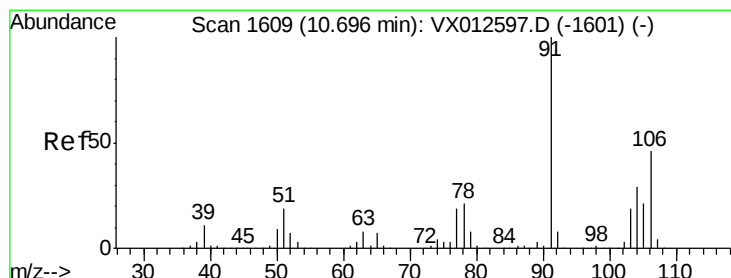
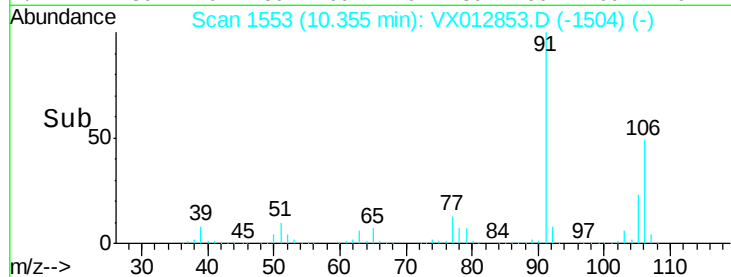
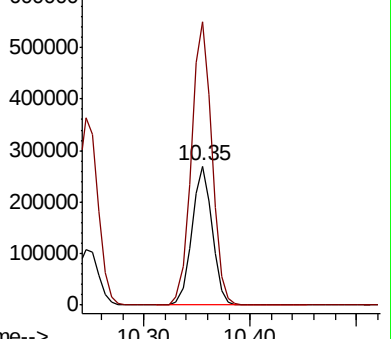
MMDadoda

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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 49.285 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. 0.00 min

Lab File: VX012853.D

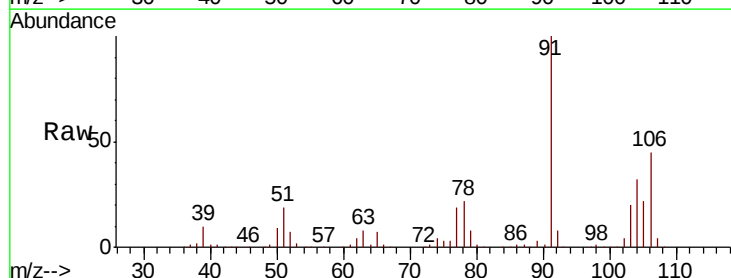
Acq: 07 Oct 2019 21:04

Tgt Ion:106 Resp: 174622

Ion Ratio Lower Upper

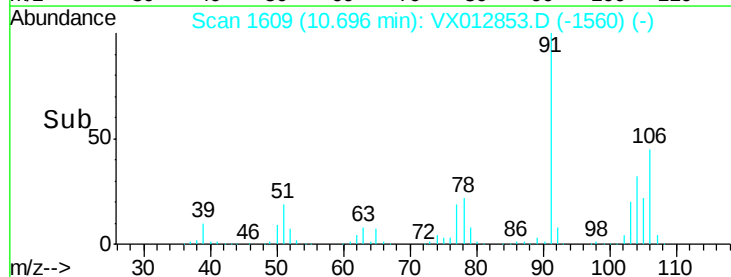
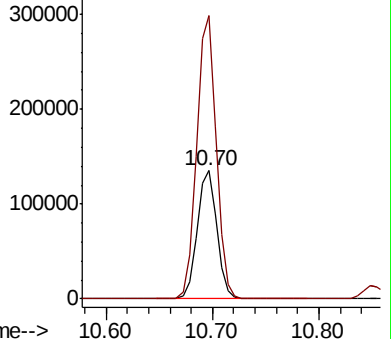
106 100

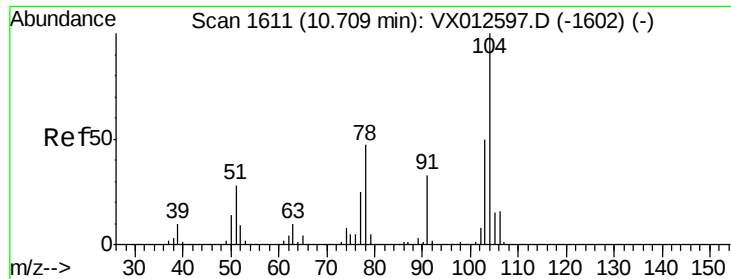
91 220.2 109.4 328.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





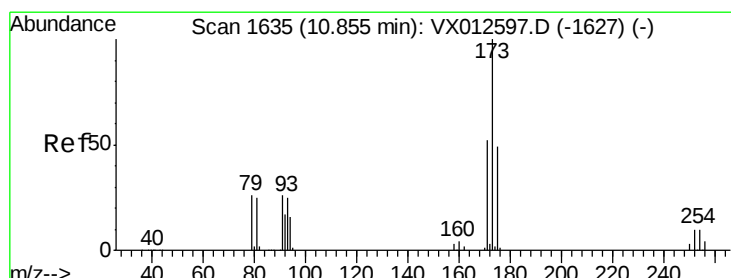
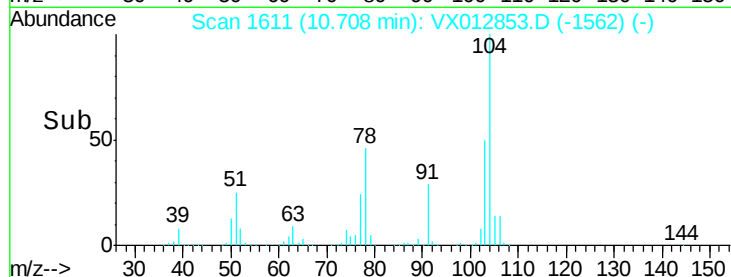
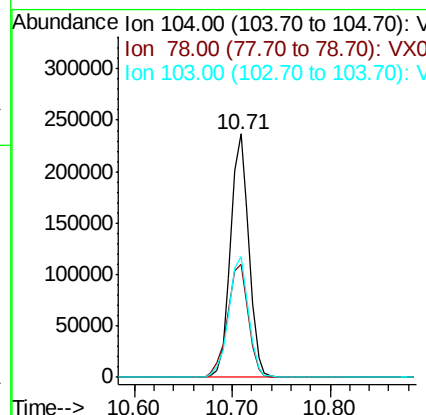
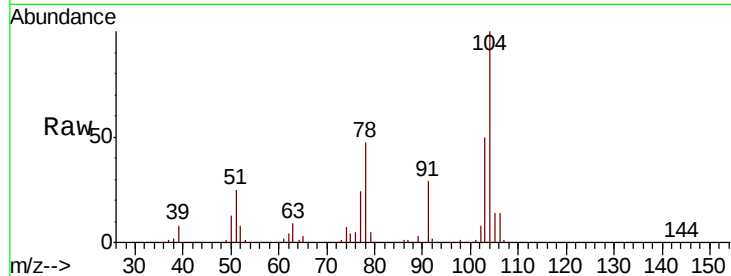
#70
Stvrene
Concen: 51.828 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012853.D
Acq: 07 Oct 2019 21:04

Instrument :
MSVOA_X
ClientSampleId :
MW-103IMSD

Tot Ion	Ratio	Lower	Upper
104	100		
78	52.8	43.4	65.2
103	53.8	43.3	64.9

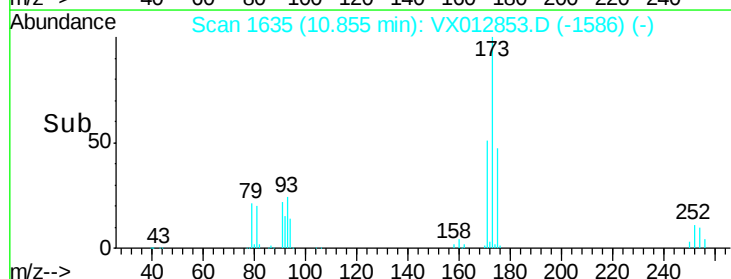
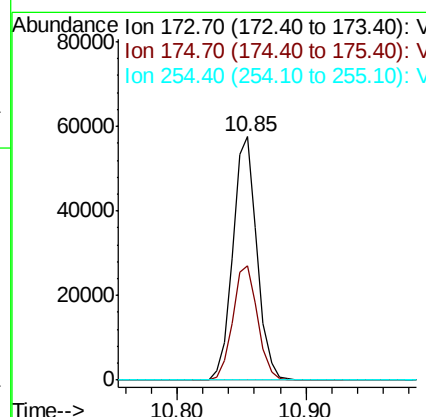
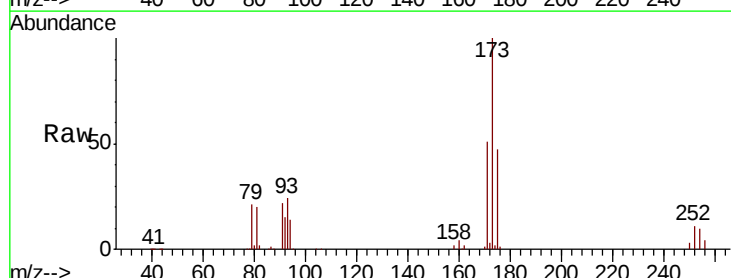
Manual Integrations
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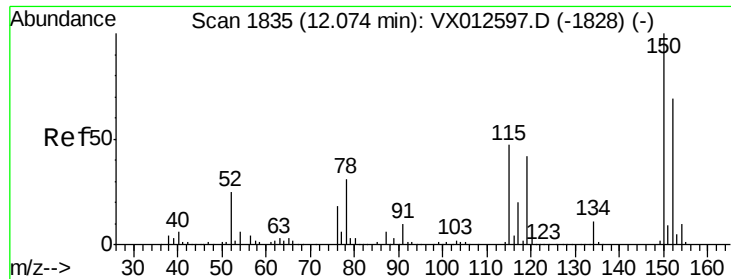
MMDadoda
10/8/2019 2:07:01 PM



#71
Bromoform
Concen: 55.494 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX012853.D
Acq: 07 Oct 2019 21:04

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.6	23.7	71.1
254	0.0	0.1	0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012853.D

Acq: 07 Oct 2019 21:04

Instrument :

MSVOA_X

ClientSampleId :

MW-103IMSD

Tot Ion:152 Resp: 121989

Ion Ratio Lower Upper

152 100

115 87.7 44.1 132.3

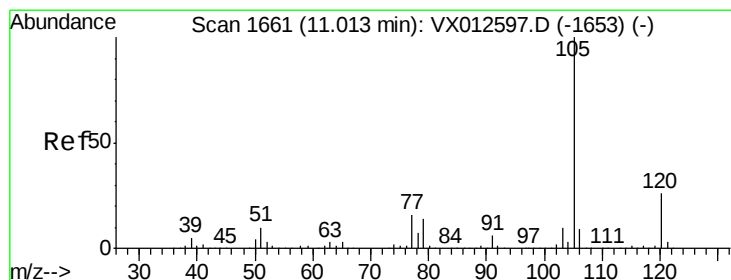
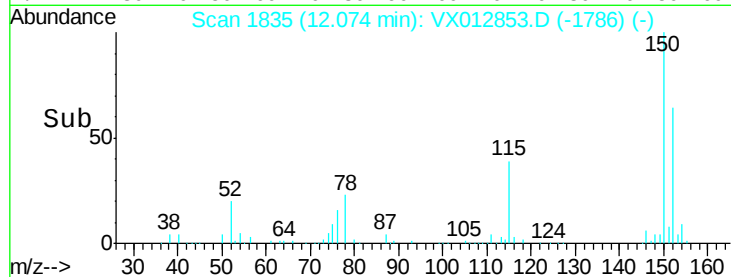
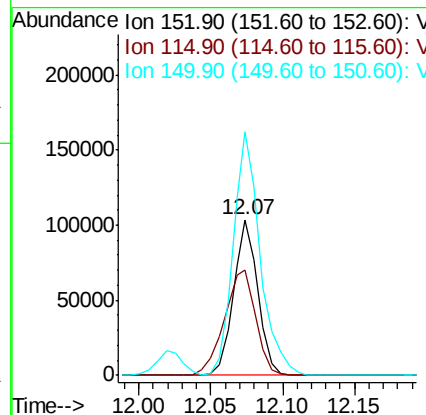
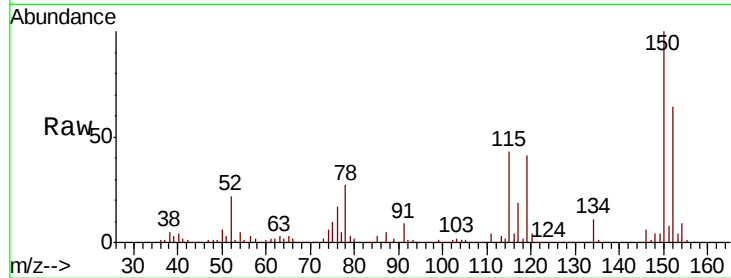
150 173.7 0.0 343.8

Manual Integrations

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#73

Isopropylbenzene

Concen: 47.006 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012853.D

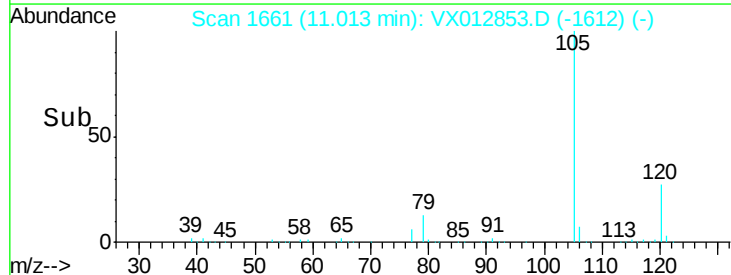
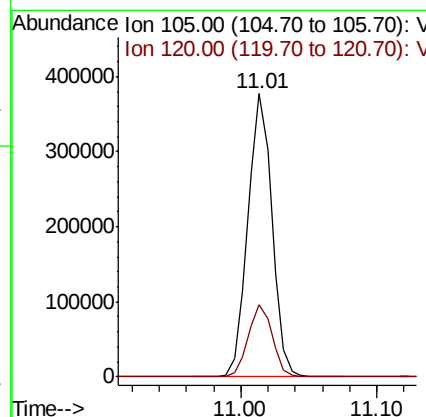
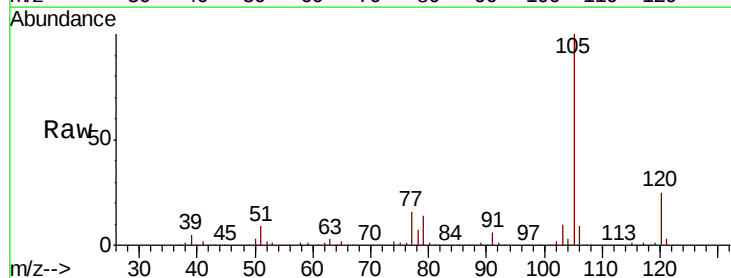
Acq: 07 Oct 2019 21:04

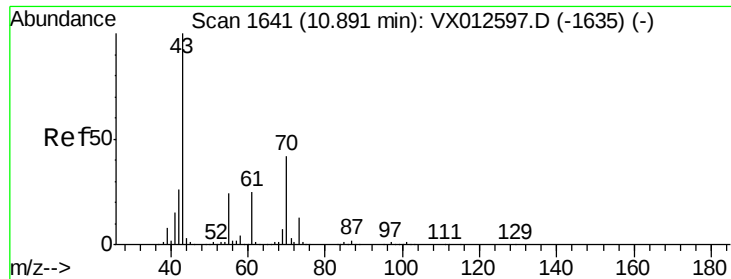
Tgt Ion:105 Resp: 467035

Ion Ratio Lower Upper

105 100

120 25.5 12.9 38.7





#74

N-amvl acetate

Concen: 47.991 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012853.D

Acq: 07 Oct 2019 21:04

Instrument :

MSVOA_X

ClientSampleId :

MW-103IMSD

Tot Ion: 43 Resp: 227476

Ion Ratio Lower Upper

43 100

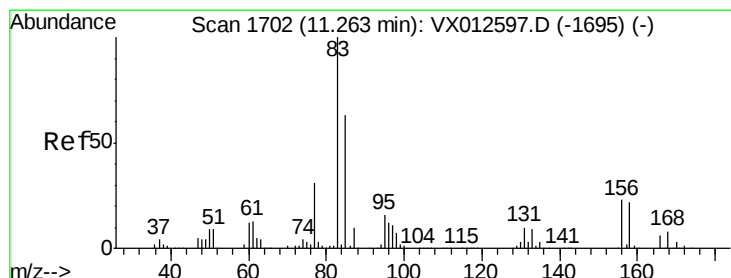
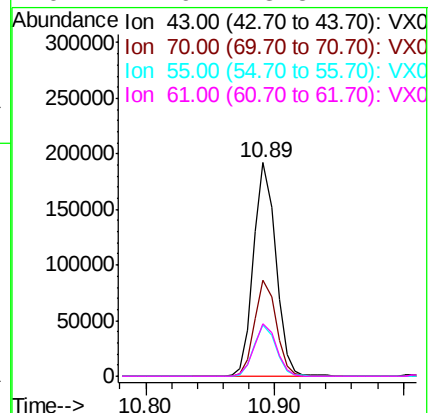
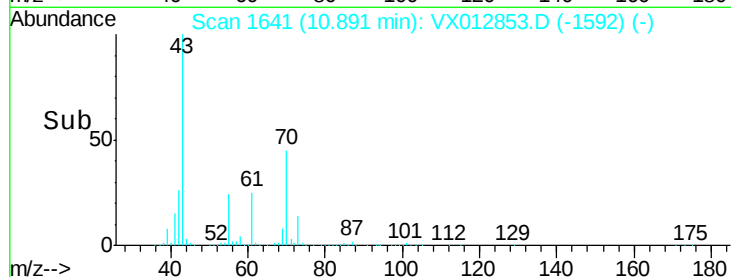
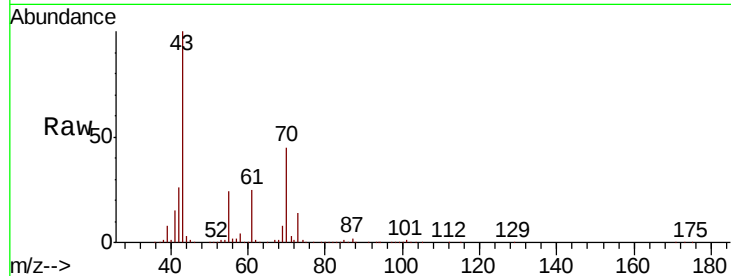
70 44.2 32.4 48.6

55 24.4 18.2 27.4

61 24.9 18.5 27.7

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#75

1,1,2,2-Tetrachloroethane

Concen: 51.436 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012853.D

Acq: 07 Oct 2019 21:04

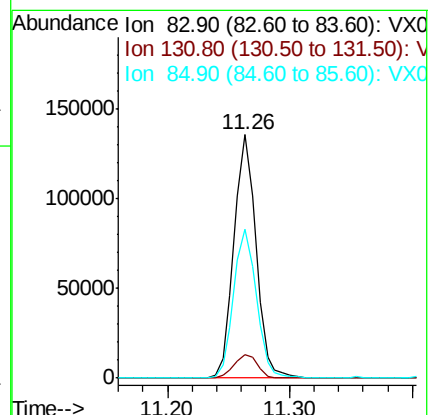
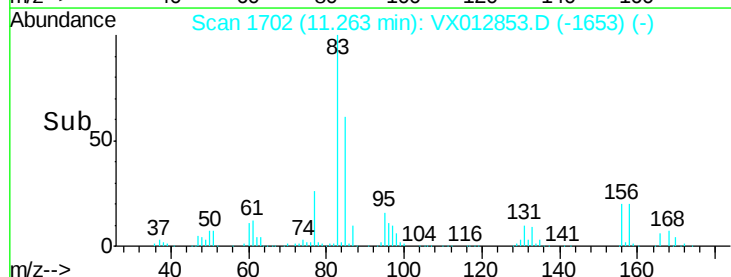
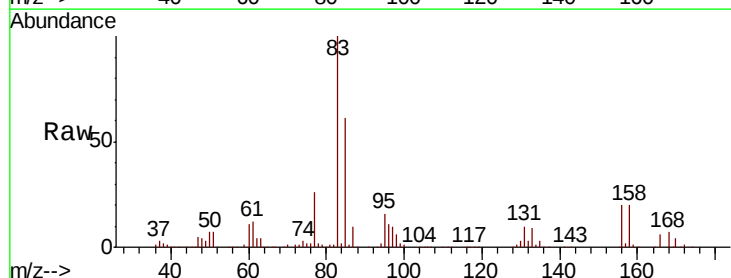
Tgt Ion: 83 Resp: 169250

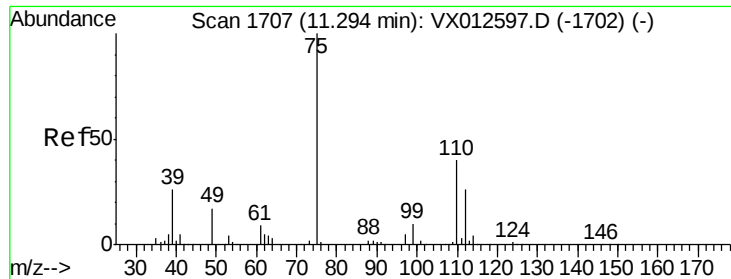
Ion Ratio Lower Upper

83 100

131 10.4 5.2 15.6

85 63.4 32.0 96.0





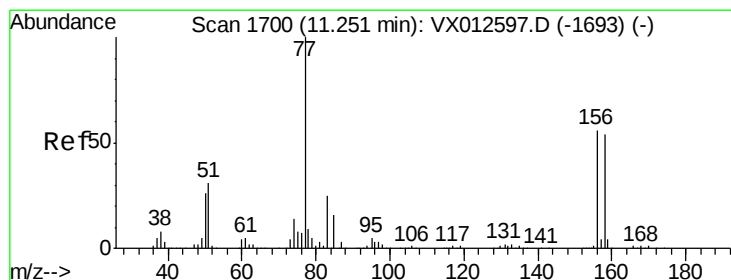
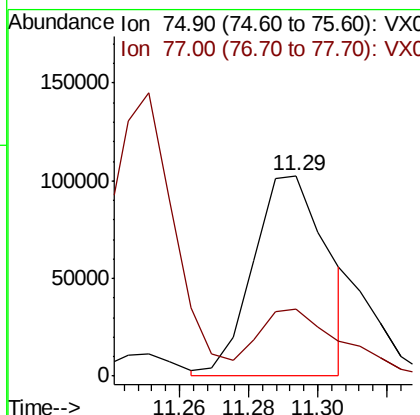
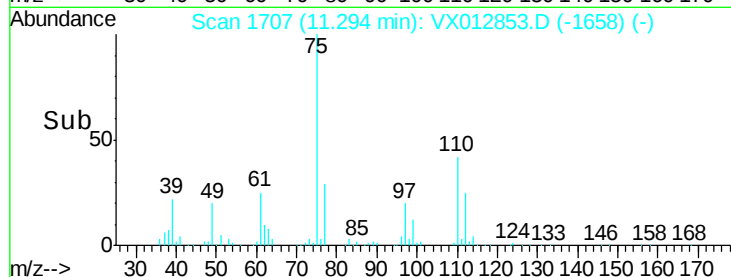
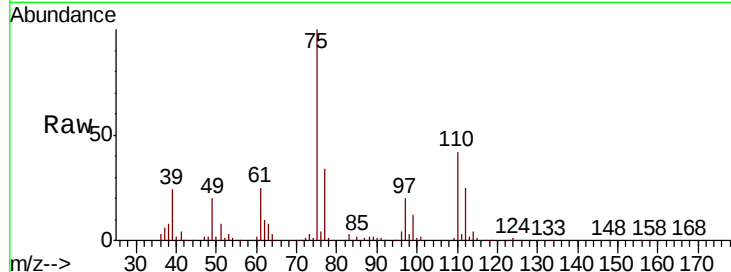
#76
 1,2,3-Trichloropropane
 Concen: 47.250 ug/l m
 RT: 11.29 min Scan# 1707
 Delta R.T. 0.00 min
 Lab File: VX012853.D
 Acq: 07 Oct 2019 21:04

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-103IMSD

Tot Ion: 75 Resp: 152472
 Ion Ratio Lower Upper
 75 100
 77 37.9 19.7 59.0

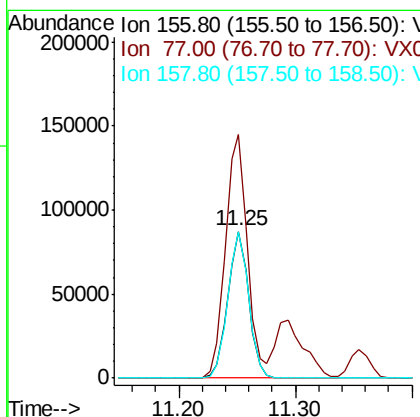
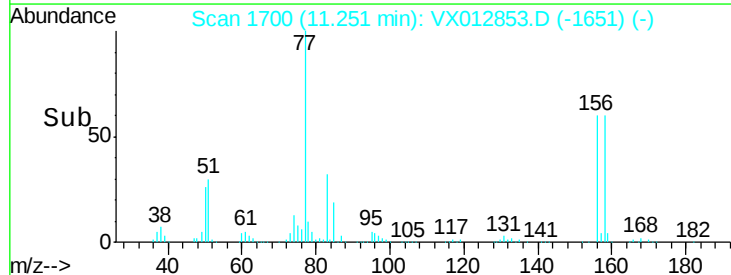
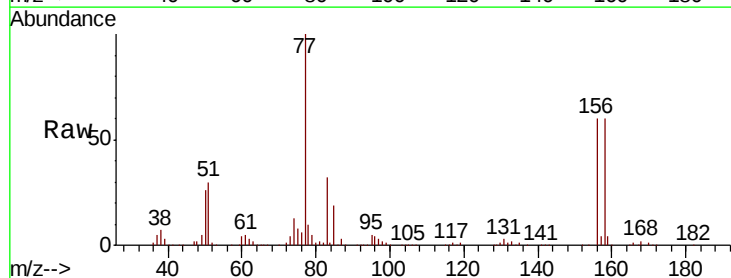
Manual Integrations
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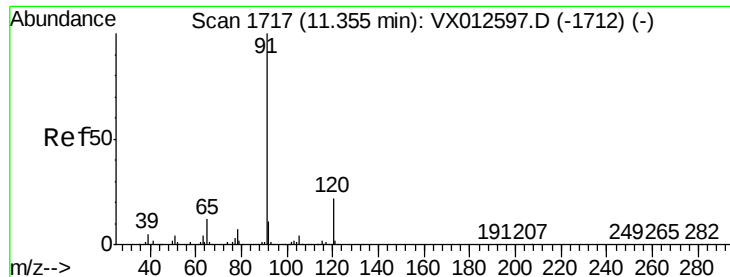
MMDadoda
 10/8/2019 2:07:01 PM



#77
 Bromobenzene
 Concen: 48.500 ug/l
 RT: 11.25 min Scan# 1700
 Delta R.T. 0.00 min
 Lab File: VX012853.D
 Acq: 07 Oct 2019 21:04

Tgt Ion: 156 Resp: 109062
 Ion Ratio Lower Upper
 156 100
 77 173.1 87.3 261.8
 158 99.3 48.5 145.6





#78

n-propylbenzene

Concen: 45.919 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012853.D

Acq: 07 Oct 2019 21:04

Instrument :

MSVOA_X

ClientSampleId :

MW-103IMSD

Tot Ion: 91 Resp: 513636

Ion Ratio Lower Upper

91 100

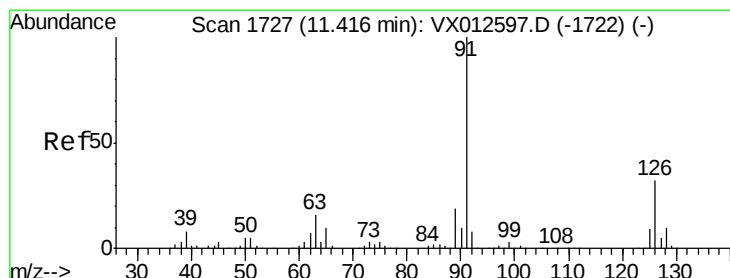
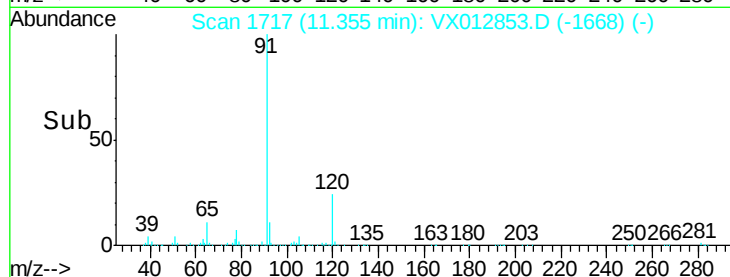
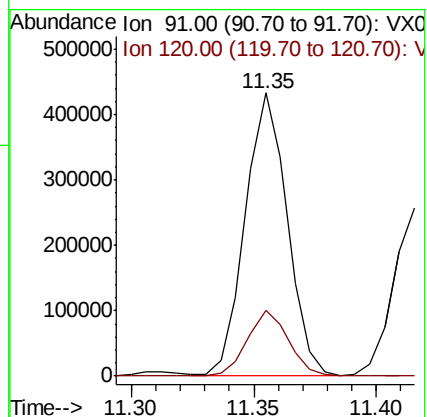
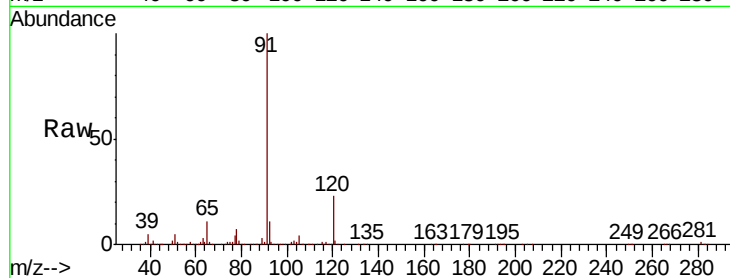
120 22.8 11.3 33.8

Manual Integrations

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#79

2-Chlorotoluene

Concen: 45.930 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX012853.D

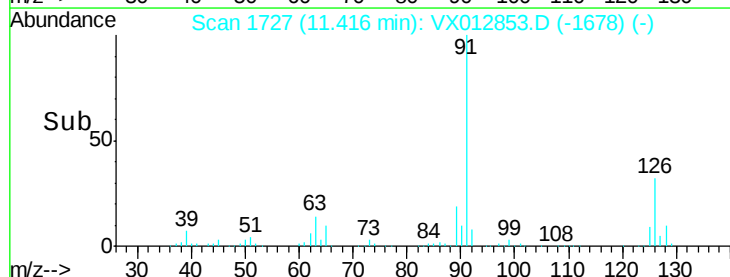
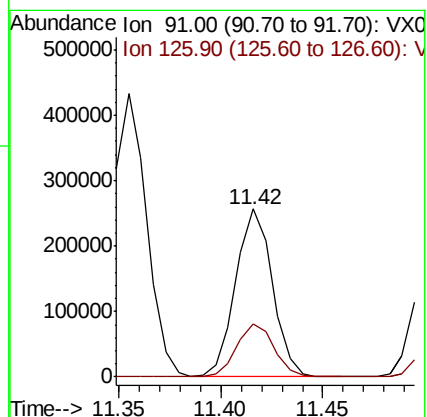
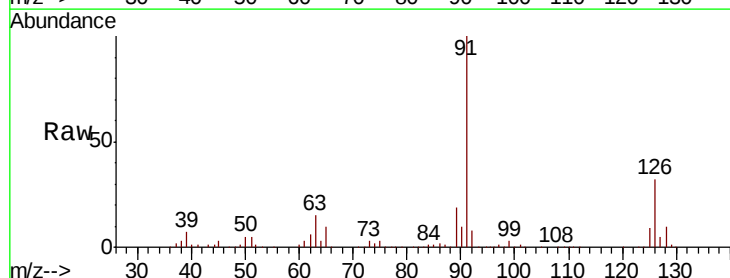
Acq: 07 Oct 2019 21:04

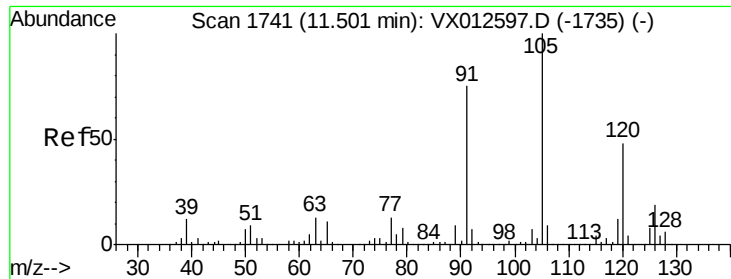
Tgt Ion: 91 Resp: 320494

Ion Ratio Lower Upper

91 100

126 32.4 16.4 49.4





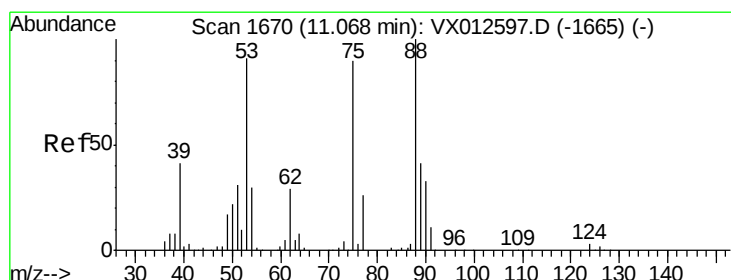
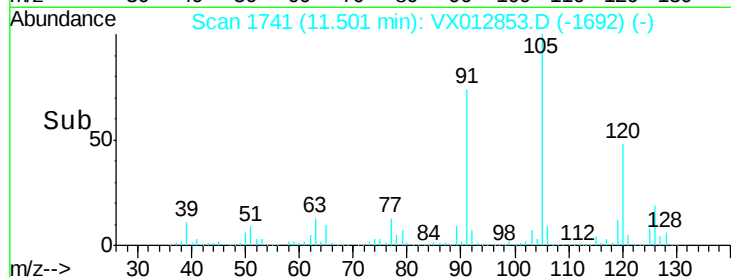
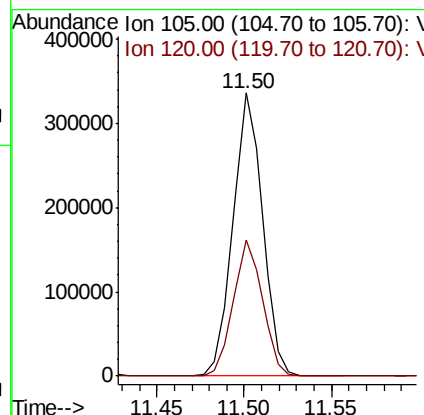
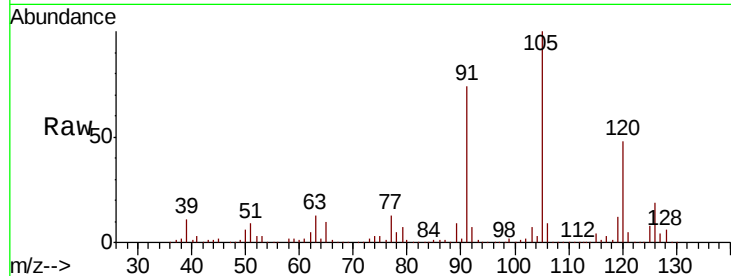
#80
 1,3,5-Trimethylbenzene
 Concen: 47.364 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX012853.D
 Acq: 07 Oct 2019 21:04

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-103IMSD

Tot Ion	Ratio	Lower	Upper
105	100		
120	48.0	24.3	72.8

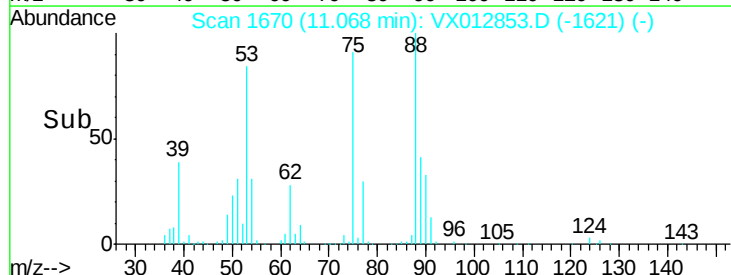
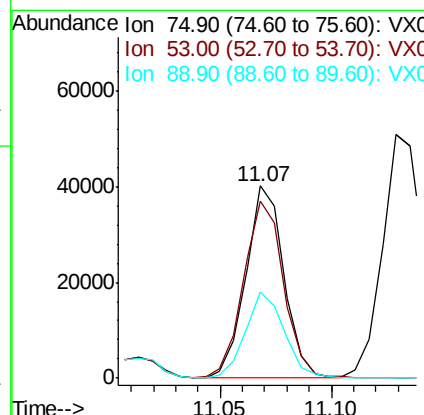
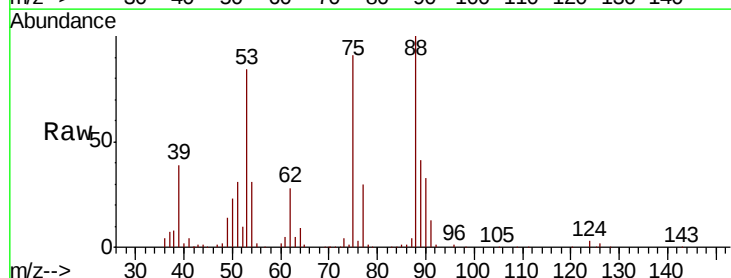
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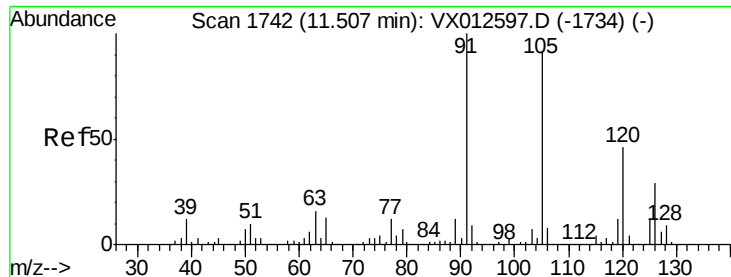
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 10/8/2019 2:07:01 PM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 42.236 ug/l
 RT: 11.07 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: VX012853.D
 Acq: 07 Oct 2019 21:04

Tgt Ion	Ratio	Lower	Upper
75	100		
53	97.1	83.6	125.4
89	45.9	36.3	54.5





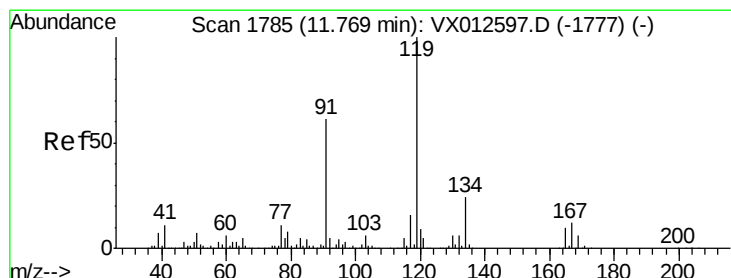
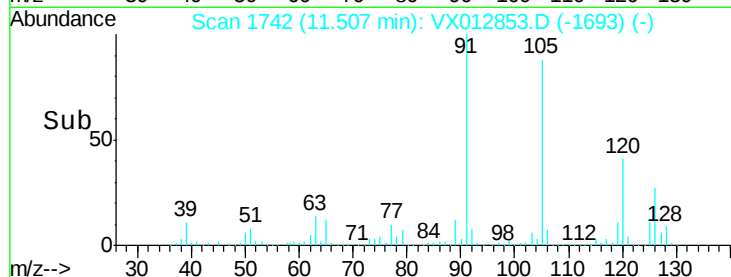
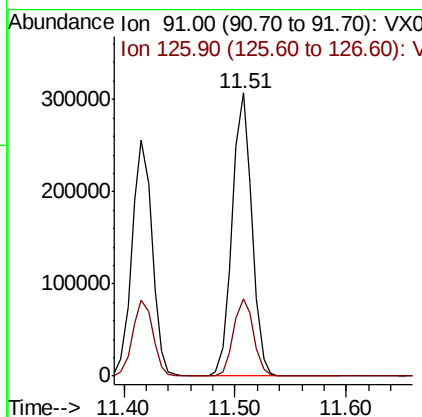
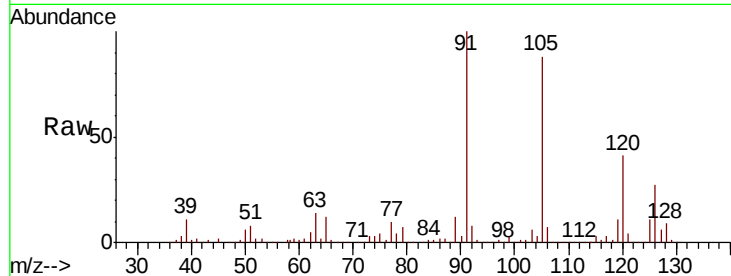
#82
4-Chlorotoluene
Concen: 47.302 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX012853.D
Acq: 07 Oct 2019 21:04

Instrument :
MSVOA_X
ClientSampleId :
MW-103IMSD

Tot Ion: 91 Resp: 376260
Ion Ratio Lower Upper
91 100
126 27.9 14.4 43.0

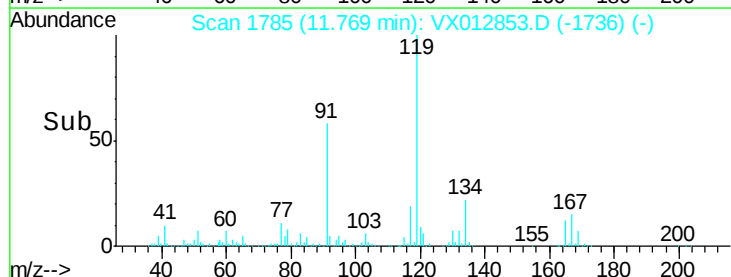
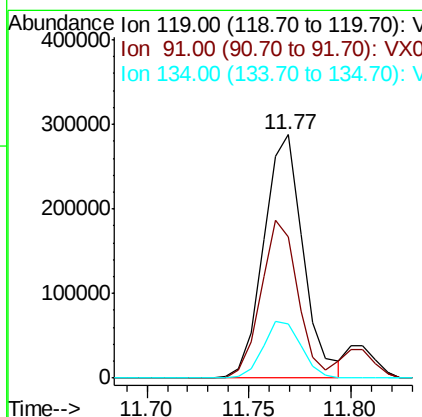
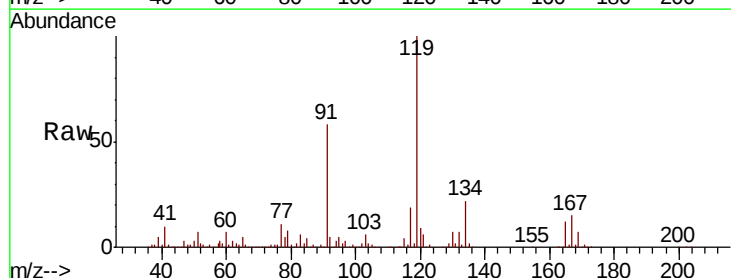
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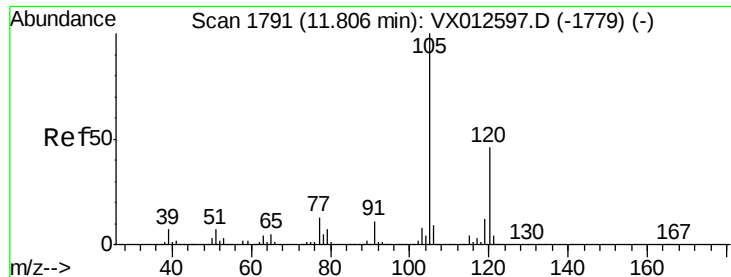
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#83
tert-Butylbenzene
Concen: 48.164 ug/l
RT: 11.77 min Scan# 1785
Delta R.T. 0.00 min
Lab File: VX012853.D
Acq: 07 Oct 2019 21:04

Tgt Ion: 119 Resp: 387104
Ion Ratio Lower Upper
119 100
91 60.4 30.0 90.0
134 22.8 11.3 33.9





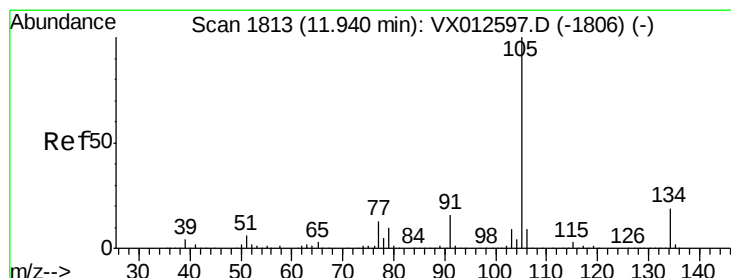
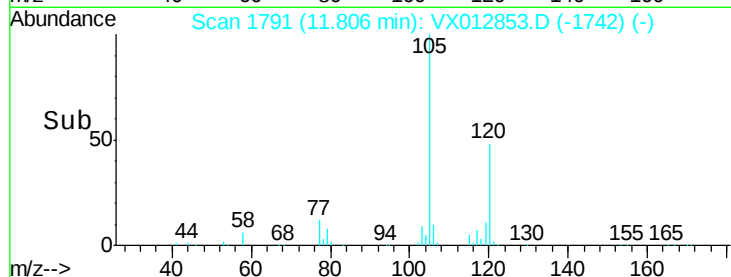
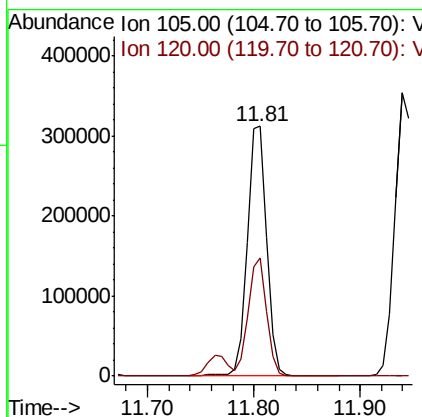
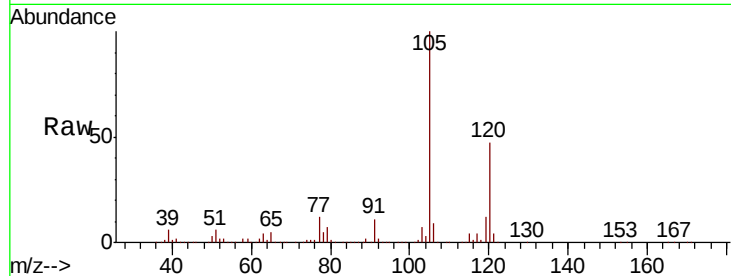
#84
 1,2,4-Trimethylbenzene
 Concen: 47.486 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX012853.D
 Acq: 07 Oct 2019 21:04

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-103IMSD

Tot Ion	Ratio	Lower	Upper
105	100		
120	44.8	22.2	66.6

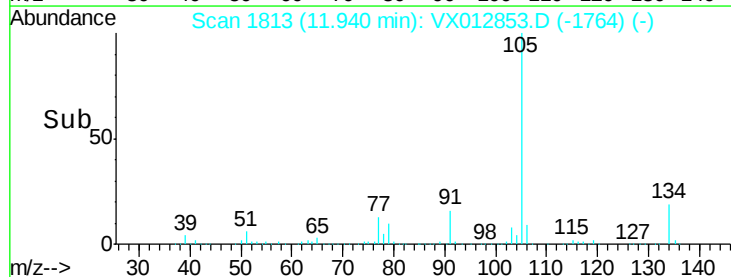
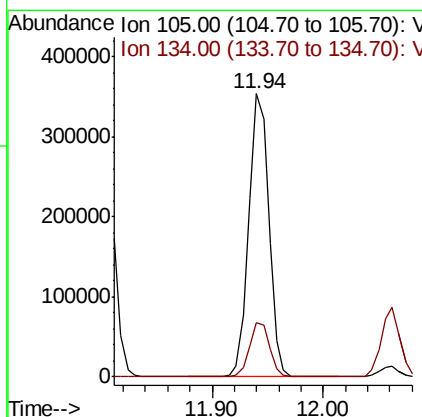
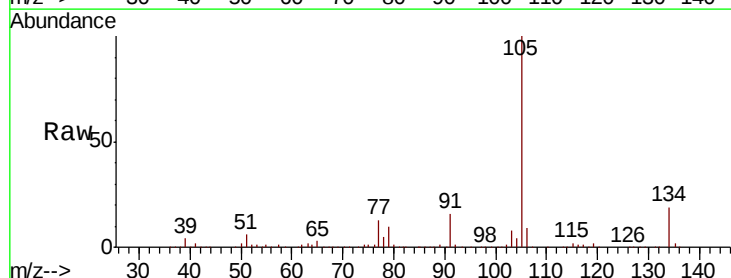
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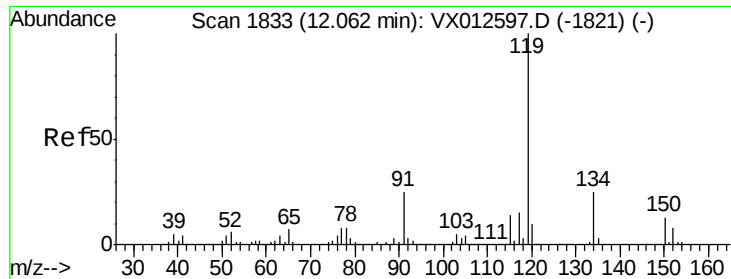
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#85
 sec-Butylbenzene
 Concen: 47.533 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX012853.D
 Acq: 07 Oct 2019 21:04

Tgt Ion	Ratio	Lower	Upper
105	100		
134	19.3	9.8	29.4





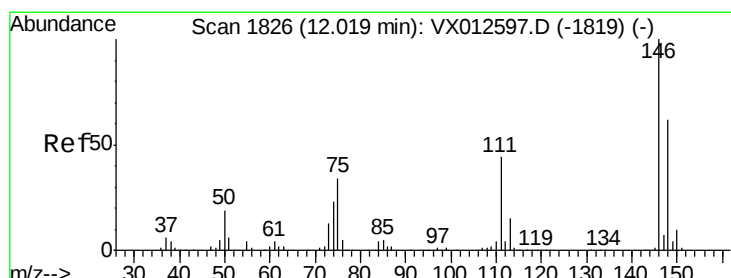
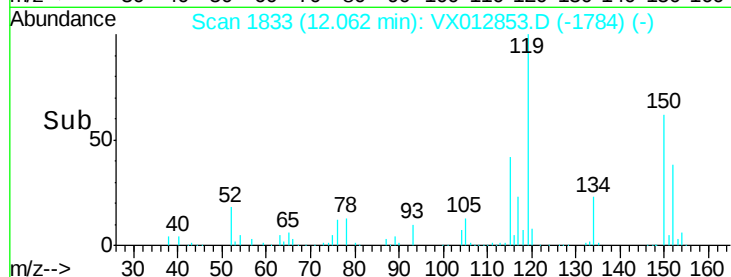
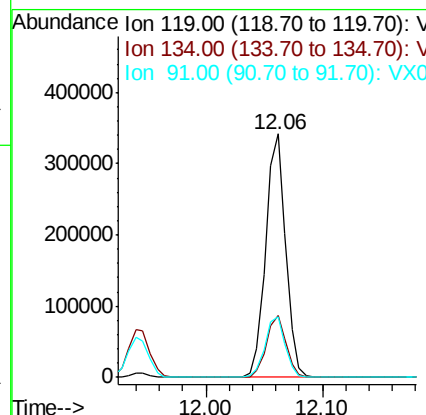
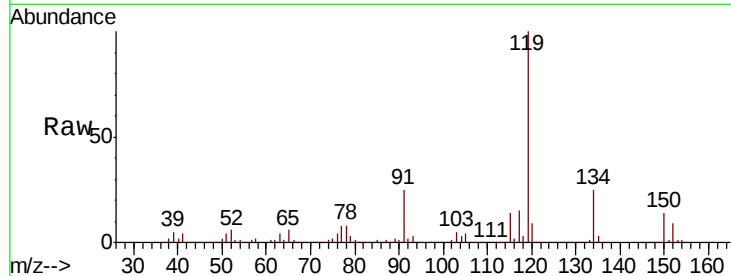
#86
p-Isopropyltoluene
Concen: 48.437 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX012853.D
Acq: 07 Oct 2019 21:04

Instrument :
MSVOA_X
ClientSampleId :
MW-103IMSD

Tot Ion	Ratio	Lower	Upper
119	100		
134	25.1	12.7	38.1
91	25.3	12.8	38.4

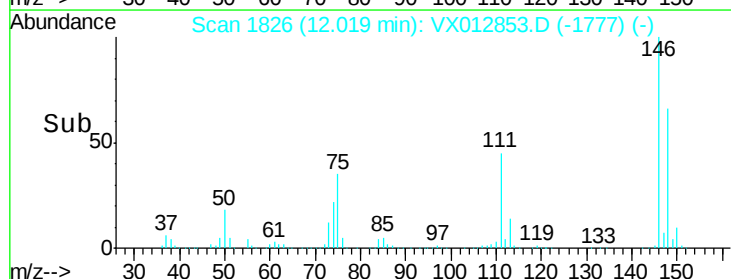
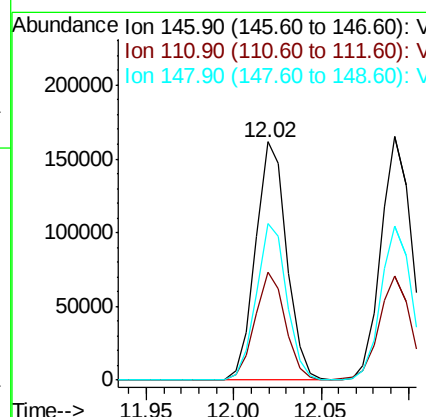
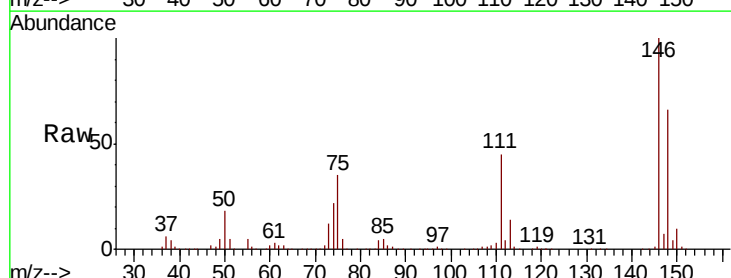
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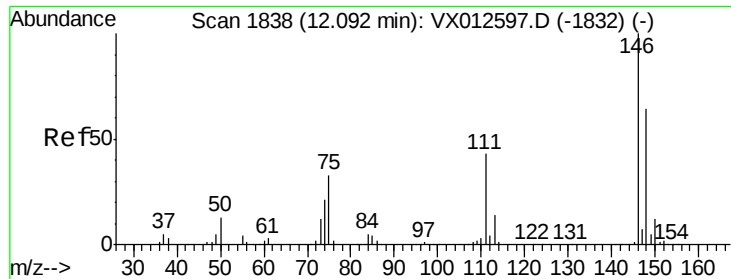
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#87
1,3-Dichlorobenzene
Concen: 49.527 ug/l
RT: 12.02 min Scan# 1826
Delta R.T. 0.00 min
Lab File: VX012853.D
Acq: 07 Oct 2019 21:04

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.3	21.3	64.0
148	64.2	32.4	97.2





#88

1,4-Dichlorobenzene

Concen: 48.912 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VX012853.D

Acq: 07 Oct 2019 21:04

Instrument :

MSVOA_X

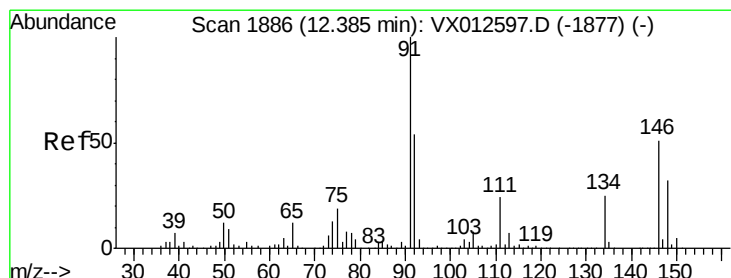
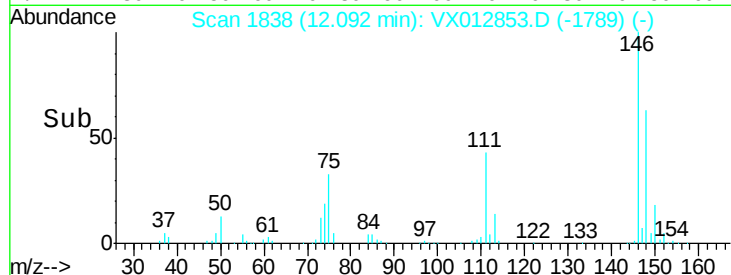
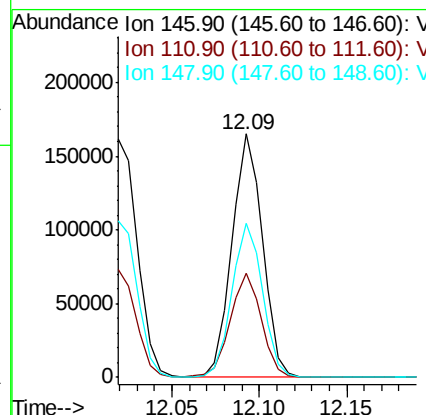
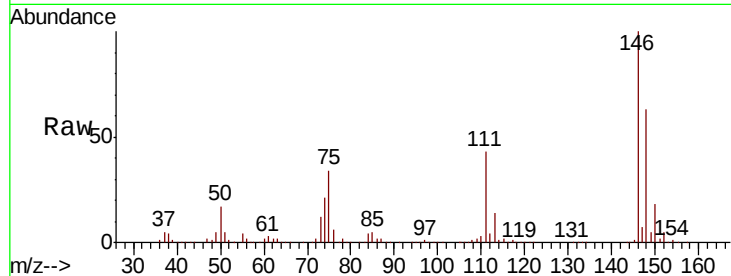
ClientSampleId :

MW-103IMSD

Tot Ion:	146	Resp:	200011
Ion Ratio		Lower	Upper
146	100		
111	43.4	21.1	63.3
148	63.6	32.1	96.5

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#89

n-Butylbenzene

Concen: 44.968 ug/l

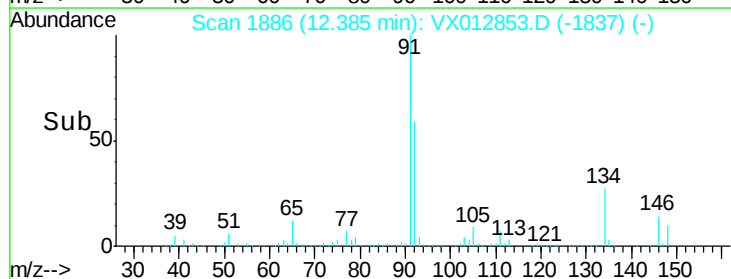
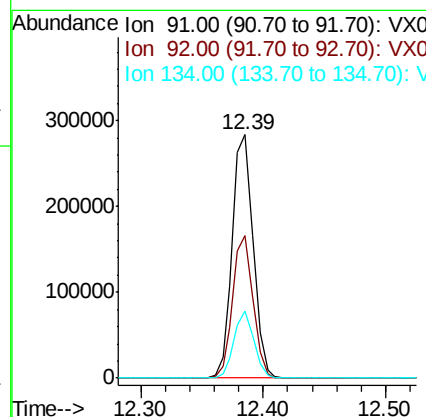
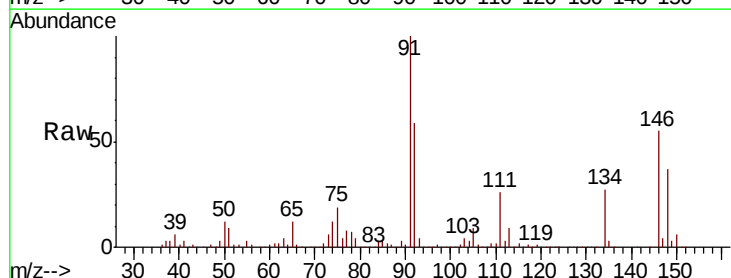
RT: 12.39 min Scan# 1886

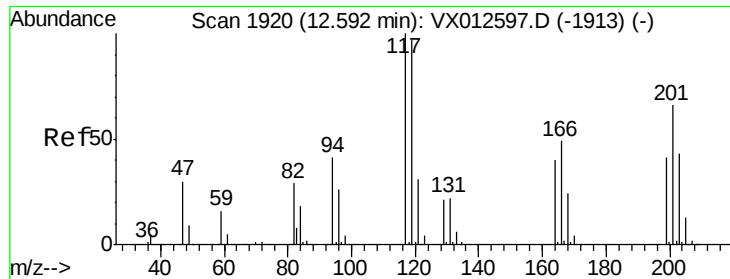
Delta R.T. 0.00 min

Lab File: VX012853.D

Acq: 07 Oct 2019 21:04

Tgt Ion:	91	Resp:	334239
Ion Ratio		Lower	Upper
91	100		
92	57.1	27.7	83.0
134	26.2	12.9	38.6





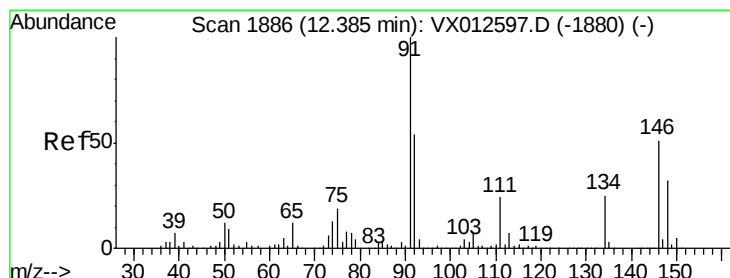
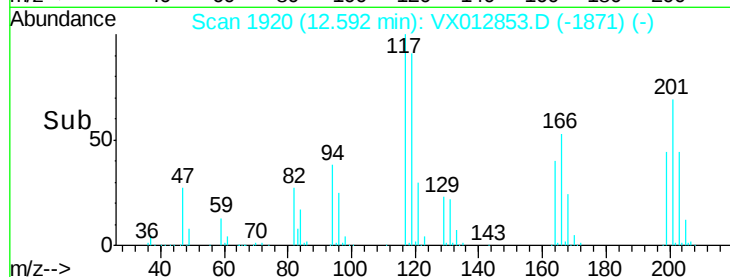
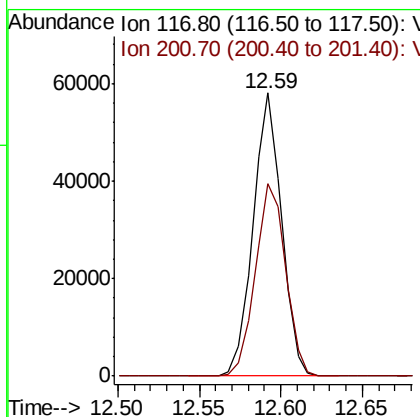
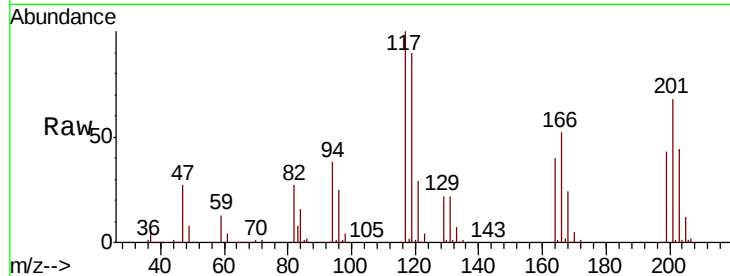
#90
Hexachloroethane
Concen: 47.048 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX012853.D
Acq: 07 Oct 2019 21:04

Instrument :
MSVOA_X
ClientSampleId :
MW-103IMSD

Tot Ion:117 Resp: 70751
Ion Ratio Lower Upper
117 100
201 72.2 33.3 99.8

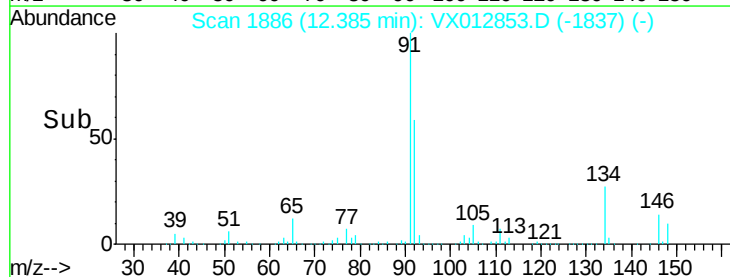
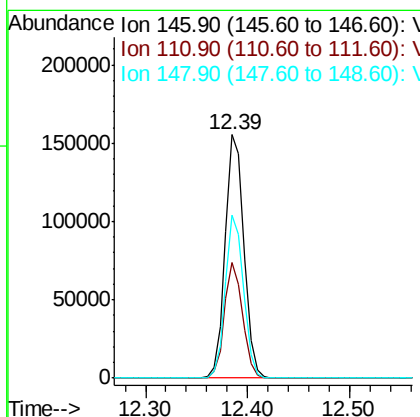
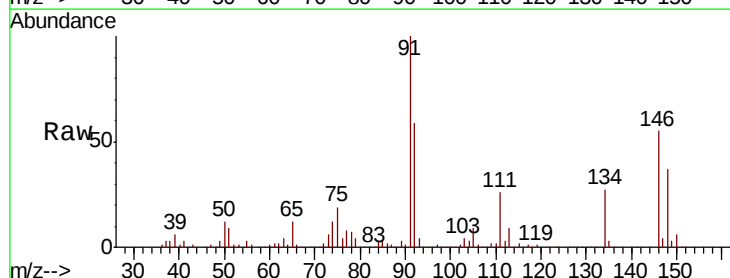
Manual Integrations
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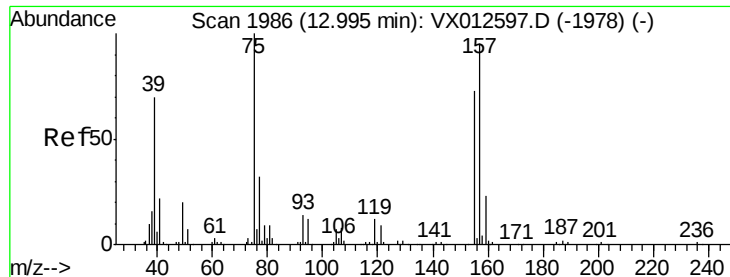
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#91
1,2-Dichlorobenzene
Concen: 48.763 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX012853.D
Acq: 07 Oct 2019 21:04

Tgt Ion:146 Resp: 197560
Ion Ratio Lower Upper
146 100
111 46.4 22.1 66.1
148 65.2 31.3 93.9





#92

1,2-Dibromo-3-Chloropropane

Concen: 48.552 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX012853.D

Acq: 07 Oct 2019 21:04

Instrument :

MSVOA_X

ClientSampleId :

MW-103IMSD

Tot Ion: 75 Resp: 39964

Ion Ratio Lower Upper

75 100

155 85.6 38.6 115.8

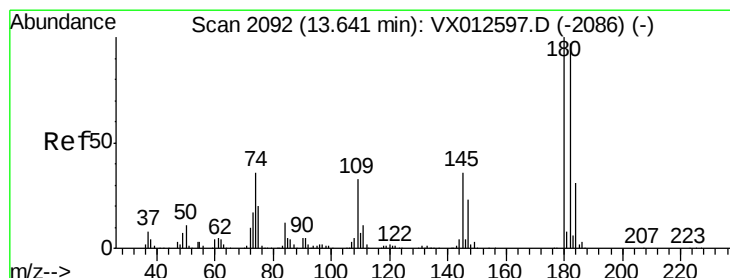
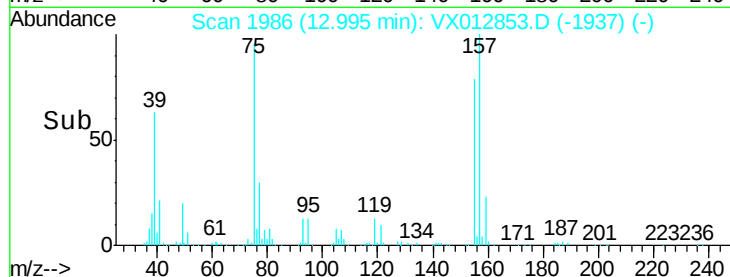
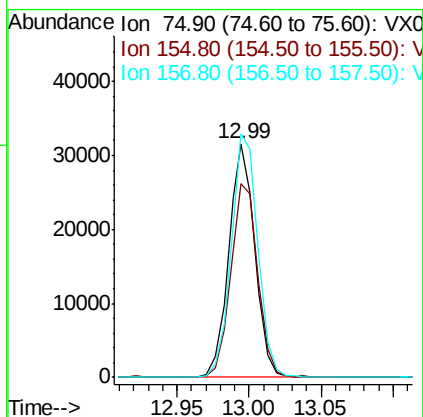
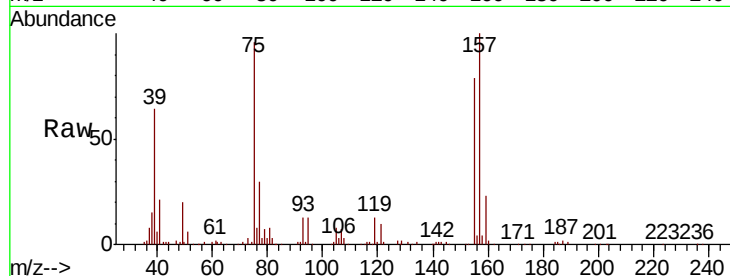
157 106.4 50.6 151.9

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#93

1,2,4-Trichlorobenzene

Concen: 50.029 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX012853.D

Acq: 07 Oct 2019 21:04

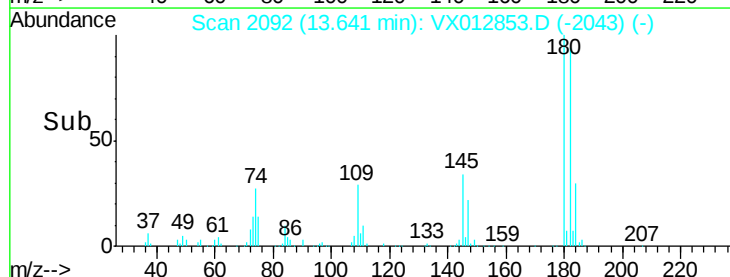
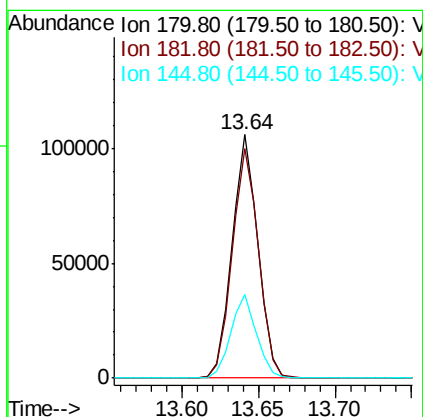
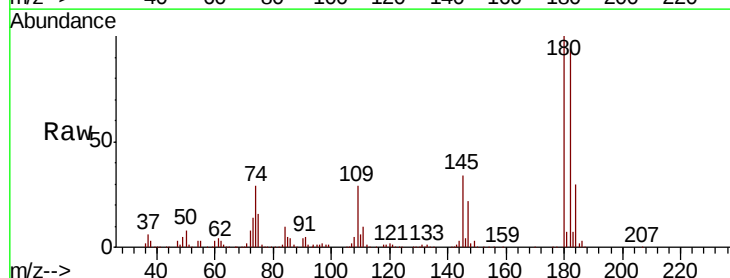
Tgt Ion: 180 Resp: 123610

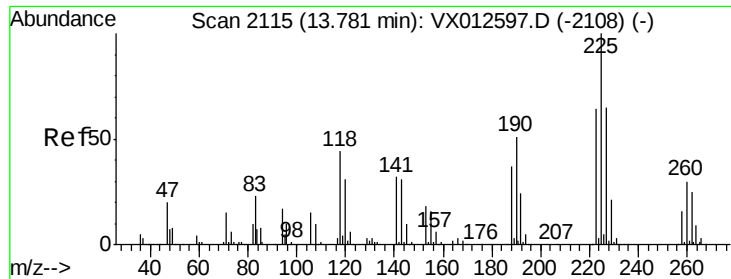
Ion Ratio Lower Upper

180 100

182 96.0 47.0 141.0

145 34.0 16.8 50.4





#94

Hexachlorobutadiene

Concen: 47.842 ug/l

RT: 13.78 min Scan# 2114

Delta R.T. -0.01 min

Lab File: VX012853.D

Acq: 07 Oct 2019 21:04

Instrument :

MSVOA_X

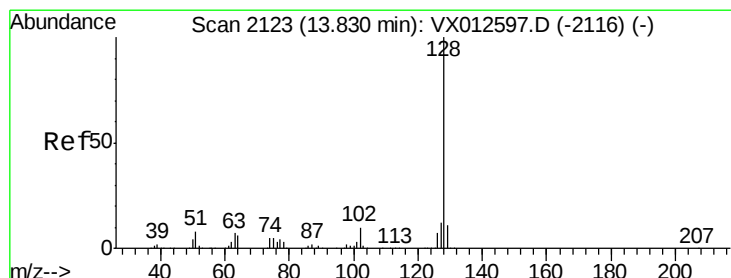
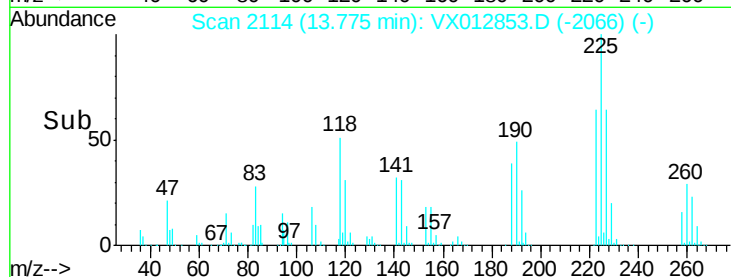
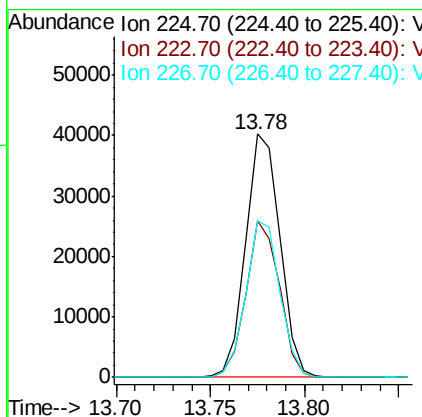
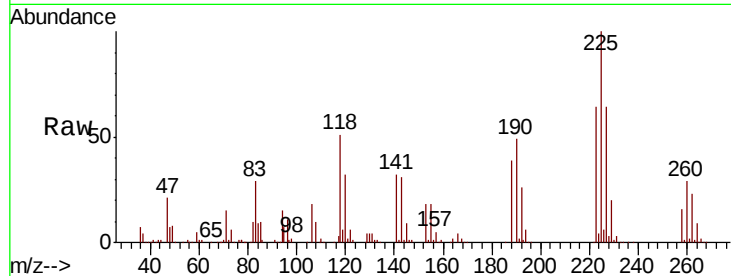
ClientSampled :

MW-103IMSD

Tot Ion:	225	Resp:	50853
Ion Ratio	Lower	Upper	
225	100		
223	62.4	32.0	96.2
227	63.8	31.9	95.5

Manual Integrations
APPROVED

MMDadoda
10/8/2019 2:07:01 PM



#95

Naphthalene

Concen: 50.695 ug/l

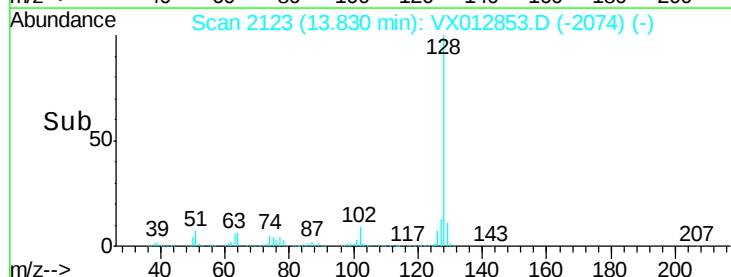
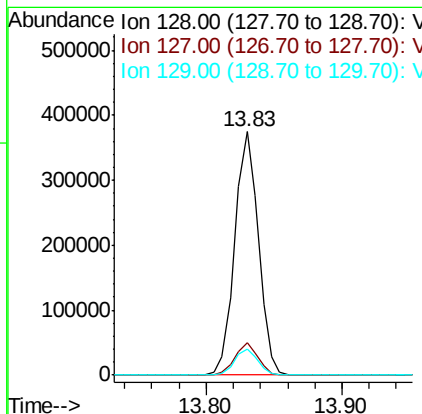
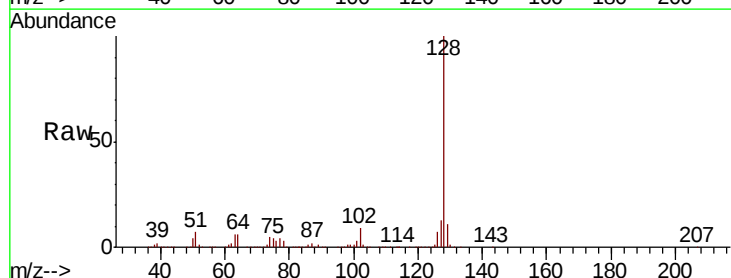
RT: 13.83 min Scan# 2123

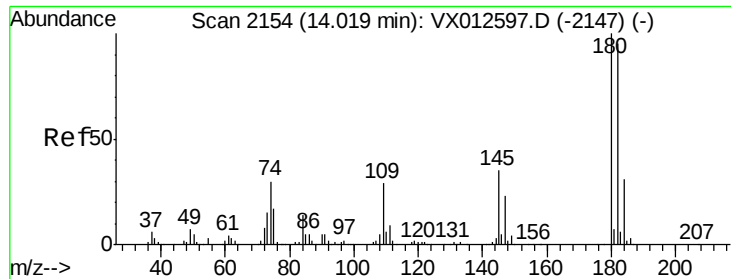
Delta R.T. 0.00 min

Lab File: VX012853.D

Acq: 07 Oct 2019 21:04

Tgt Ion:	128	Resp:	453180
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.2	15.4
129	10.7	8.8	13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 50.620 ug/l
 RT: 14.01 min Scan# 2153
 Delta R.T. 0.00 min
 Lab File: VX012853.D
 Acq: 07 Oct 2019 21:04

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-103IMSD

Tot Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.7	47.1	141.3
145	35.4	18.0	54.0

Manual Integrations
 APPROVED

MMDadoda
 10/8/2019 2:07:01 PM

